

# Exhibit CC.

# Highway 1 Leonard Road Site Phase 1

# Environmental Site Assessment



**Highway 1 Leonard Road Site  
Phase I Environmental Site  
Assessment**

**PHASE I ENVIRONMENTAL  
SITE ASSESSMENT**

**418-ACRE TRACT  
(Highway 1/Leonard Road Tract)  
CADDO PARISH, LOUISIANA**

**Prepared for:  
FRANKS MANAGEMENT COMPANY  
SHREVEPORT, LOUISIANA**

**MARCH 2016**

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**CK Project No. 12980**

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## EXECUTIVE SUMMARY

CK Associates (CK) has completed a Phase I Environmental Site Assessment (ESA) for Frank Management Co. (Franks) for an approximately 418-acre property located in Caddo Parish, Louisiana (**Figure 1**). For the purpose of this ESA, “the property” refers to the 418 acres of land located in Caddo Parish, Louisiana.

In order to characterize environmental conditions for the project, CK:

- Reviewed federal, state, and local environmental databases;
- Conducted historical research;
- Interviewed pertinent personnel; and
- Performed a site investigation.

CK performed this Phase I ESA in accordance with the scope and limitations of the American Society for Testing and Materials (ASTM) Practice E 1527-13 for Franks on the property located in Caddo Parish, Louisiana. Any exceptions to, or deletions from, this practice are described in the report. Based on the review of federal, state, and local environmental databases, historical research, interviews, and site investigations, this assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the property except for the following:

- In February 2006 a release of oily saltwater from a wastewater pipeline occurred on the original 433 acre tract from which the subject of this ESA (418 acre tract) has been subdivided from. The release impacted croplands on the remaining 15 acres of the original 433 acre tract as well ditches on the 418 acre tract. The release impacted both soil and groundwater beneath the 433 acre tract. Subsequent soil and groundwater investigations, remedial actions and groundwater monitoring have been conducted under the direction of LDEQ. In June of 2015, Franks requested a No Further Interest or equivalent authorization from LDEQ for the 418 acre tract. On March 15, 2016 LDEQ issued a letter of No Further Interest for the 418 acre tract. LDEQ will continue its oversight of the remediation activities associated with the contaminated adjacent 15 acre tract.

## 1.0 INTRODUCTION

### 1.1 Purpose

The purpose of the assessment is to identify any potential RECs located on or in the vicinity of the property located in Caddo Parish, Louisiana, that have, or may have in the past, adversely impacted environmental conditions at the property. The ESA is being conducted in order to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability.

### 1.2 Scope of Services

CK was retained to investigate the property in order to identify RECs within and adjacent to the property. Investigation procedures comply with ASTM E 1527-13, and the scope of services for this ESA includes the following:

- Research of available federal, state, and local environmental databases for potential RECs on, or within a specified distance of, the property;
- Reviews of historical aerial photographs, Sanborn<sup>®</sup> Fire Insurance Maps, United States Geologic Survey (USGS) topographic maps, and/or published soils and geologic information;
- Interviews with state and local government agency representatives and/or persons knowledgeable of the property regarding documented inspections, violations, incidents, spill response, or past uses of therein;
- Visual observations of accessible portions of the property to identify current and/or historical RECs. Visual observations of accessible portions of properties adjacent to the property were also conducted; and
- Preparation of a written report that identifies whether the property contains potential RECs and whether or not conditions warrant further investigation.

In accordance with the procedures outlined in ASTM E 1527-13, a Phase I ESA typically does not include sampling and analysis of soil and/or groundwater. Additionally, a Phase I ESA typically does not include wetland delineations or surveys for cultural or historic resources, threatened or endangered species, lead based paint, or asbestos containing materials.

### 1.3 Significant Assumptions

No significant assumptions were made in the preparation of this Phase I ESA.

### 1.4 Limitations and Exceptions

CK's review of records information and environmental databases included information that was reasonably ascertainable from standard sources. *Reasonably ascertainable* denotes (1) information that is publicly available, (2) information that is obtainable within reasonable time and cost constraints, and (3) information that is practically reviewable. CK's review included information gathered directly from governmental and regulatory agencies as well as an electronic database search performed by Environmental Database Resources, Inc. (EDR). References used in the preparation of this document are included in **Appendix A**. Much of this information was gathered from public records and sources maintained by third parties. Although reasonable care was taken to verify this information, CK does not accept responsibility for errors, omissions or inaccurate information.

CK interviewed available individuals identified as having current and historical knowledge of land use, commercial and residential development, and activities and incidents associated with the property. *Available individuals* include (1) persons with whom contact can be made within reasonable time constraints, and (2) persons willing to share information with interviewers. These individuals were selected based on their employment in state and local government, association with, or proximity to, specific properties, or long-time residence in and knowledge of the area. Significant effort was made to identify and contact individuals possessing direct knowledge of sites; however, no guarantee is made or intended that all individuals with pertinent knowledge of sites were identified and interviewed. Additionally, CK makes no guarantee that information provided during the interviews is free of errors, omissions, or inaccurate information.

Observations made during CK's reconnaissance of the property were limited to (1) sites or portions of sites that were accessible to investigators, and (2) evidence that was visible to the investigators. Observations were based on evidence that was visible to inspectors while walking the property. No ground excavation, vegetation clearing, or physical relocation of obstacles was conducted during site investigations. Accordingly, no guarantee is made or intended that all property conditions were observed.

## 1.5 Special Terms and Conditions

No significant special terms or conditions with respect to ASTM E 1527-13 standards were made.

## 1.6 User Reliance

In accordance with ASTM E 1527-13 Section 7.5.2.1, *Reliance*, CK is not required to verify independently the information provided by various sources but may rely on the information unless there is actual knowledge that certain information is incorrect or unless it is obvious that certain information is incorrect based on other information obtained during the course of the investigation or otherwise actually known to the investigators conducting the assessment. However, CK has no indications that the information provided by outside sources is incorrect.

Franks is the user of this ESA. This ESA may be relied upon by Franks.

## 2.0 SITE DESCRIPTION

### 2.1 Location and Legal Description

The property is located just south of the City of Shreveport, in Caddo Parish, Louisiana. The property is bordered to the northeast by a right of way of the Texas & T&PRR (T&PRR) as well as Louisiana Highway 1 (LA 1), and the southeast by agricultural and residential properties as well as Leonard Road. The property is bound on the south by residential properties and on the southwest by Bayou Pierre and agricultural fields. Bayou Pierre and Sand Beach Bayou bound the property on the northwest. Agricultural land bounds the property on the north.

The property consists of approximately 418 acres located in Sections 10, 11, 14, and 15 of Township 16 North, Range 13 West. This approximate 418 acre tract has been subdivided from an original tract of land consisting of approximately 433 acres. A Site Location Map depicting the approximate 418 acre tract is presented as **Figure 1**. The legal description is provided in property title documents and included in **Appendix B**.

### 2.2 Site Vicinity and General Characteristics

This is an irregular shaped piece of property with a natural levee along the southwestern boundary which borders Bayou Pierre. The property consists primarily of nearly level deposits of the Red River alluvial plain, which are Holocene in age. The majority of the alluvial plain area on the property ranges in elevation from 150 to 156 feet mean sea level (msl). The property is located just southeast of Shreveport and is surrounded by residences, farmland, Bayou

Pierre, Sand Beach Bayou, a major highway and railroad track and some commercial and industrial operations. The Red River is located less than 2000 feet from the property to the northeast. A man-made levee has been constructed between LA 1 and the Red River, northeast of the property.

### **2.3 Current Use of Property**

The property is currently used for agricultural purposes as well as oil and gas production.

### **2.4 Description of Structures, Roads, and Other Improvements on Site**

The levee road along Sand Beach Bayou and Bayou Pierre is maintained as a dirt road by the Caddo Parish Levee Commission. Multiple field roads located on the property are maintained by the farmer currently leasing the property. There are four gas well facilities located on the property, three of which are active. The gas well facilities have wellheads, storage tanks, separation equipment, and other supporting equipment. The gas well facilities are accessed by gravel-paved roads from LA 1 and Leonard Road. The property is accessed from LA 1 on the east via a railroad crossing of the T&PRR.

Other improvements on the property include the following:

- The banks of the bayou are maintained by the Caddo Parish Levee Commission.
- Multiple man-made ditches are located throughout the property to facilitate field drainage.
- A crude oil pipeline right of way maintained by Magnolia Pipeline runs north and south across the property.
- A natural gas pipeline owned by J-W Gathering Company is located in the Magnolia Pipeline right of way on the property and in the utility servitude maintained by the City of Shreveport.
- An electric transmission line right of way runs north and south across Lot 31 near the western Site boundary adjacent to Twelve Oaks subdivision.
- A 50-foot utility servitude, maintained by the City of Shreveport, is located along the northeast property boundary parallel to the T&PRR and LA-1 right of ways. The utility servitude includes an 18-inch wastewater force main and a 30-inch water line.
- A Chesapeake Operating natural gas gathering line right of way is located just west of and parallels the City of Shreveport 50-foot servitude.
- An inactive City of Shreveport sewer line right of way runs across the west side of the property along Sand Beach Bayou.

## **2.5 Current Uses of Adjoining Properties**

Properties to the north are utilized for agriculture fields. Right of ways of the T&PRR and LA 1 are located adjacent to the northeast property boundary. Across the right of ways are levees and undeveloped land along the Red River. Properties to the southeast and the south are agricultural fields and residential lands as well as Leonard Road. Agricultural fields, a fire station and an oil and gas facility are located on the south side of Leonard Road. To the southwest are agricultural fields and Bayou Pierre. Beyond Bayou Pierre are mixed residential and pecan orchards areas. To the northwest is the confluence of Bayou Pierre and Sand Beach Bayou. Agricultural fields and forested lands lie between and beyond these two water bodies.

## **3.0 USER PROVIDED INFORMATION**

This section describes the information provided by the user, as defined in the ASTM E 1527-13.

### **3.1 Title Records**

A review of title records for the property was not necessary to develop information regarding current or past uses of the property; as such, title information was not requested from Franks. Records at the Caddo Parish Tax Assessor's office were reviewed by CK personnel to determine the history of the property's ownership. Additionally, maps from the Special Archives at Louisiana State University, Shreveport, Louisiana, were used to trace historical ownership of the property.

FIC's predecessor, Franks Realty, Inc., purchased the F.F. Webb Tract from a group of Frederick F. Webb's heirs in 1998. Frederick F. Webb owned the tract from before 1940 until his death in 1943. His heirs owned the tract from that point forward and conveyed the tract to the F.F. Webb Trust in 1973. The Trust granted an oil and gas lease (which is mentioned in the list below) on the Tract which is still partially in effect today. The tract was subsequently transferred from the F.F. Webb Trust back into the F.F. Webb heirs in 1979 and partitioned into 5 different groups of F.F. Webb heirs shortly thereafter. From 1940 to 2015 there have been several utility and pipeline rights-of-way and surface use easements granted which affect the tract. The recording information for those documents is listed below and copies of the easement and right-of-way documents are attached hereto. The tract has been in row crop agricultural production from at least 1940 and remains in row crop agricultural production today. Below is a list of easements that are in effect and active on the property today. The list is arranged by Registry Number as found in the Conveyance

Records of Caddo Parish, Louisiana. This list does not include a full title abstract or full title history – this is for the purposes of the current Phase I ESA only. Easements and Rights-of-Way Affecting the Surface of the 418+/- Acre Tract:

Reg. No. 47234 (Bk. 592, Pg. 632) FF Webb et al to Caddo Levee District (Easement along Bayou Pierre)

Reg. No. 52608 (Bk., Pg.) FF Webb to Interstate Oil Line (Lion Oil Pipeline – Sections 11 & 14)

Reg. No. 128276 Dr. Clarence H. Webb, et al to Caddo Levee Board (60' Easement -1956) November 30, 2015

Reg. No. 535464 FF Webb to Falco, Inc. (J-W Operating Co. Pipeline running parallel to Lion Oil above)

Reg. No. 801767 John Creighton Webb, Jr. et al to City of Shreveport (Wallace Force Main - Sewer)

Reg. No. 1472170 John Creighton Webb, Jr. et al to Caddo-Bossier Parishes Port Commission (Utility easement running parallel to Union Pacific Rail)

Reg. No. 1840851 Franks Realty, Inc. to City of Shreveport (Water line easement along Leonard Road)

Reg. No. 2272353 Franks Investment Company, L.L.C. to Louisiana Midstream Gas Services, L.L.C. (Phase I Gathering Line – Franks 11-16-13 H-1)

Reg. No. 2286330 Franks Investment Company, L.L.C. to Louisiana Midstream Gas Services, L.L.C. (Phase II Gathering Line – Franks 11-16-13 H-1)

Reg. No. 2378023 Franks Investment Company, L.L.C. to Kinderhawk Field Services, L.L.C. (BHP Gathering Line)

Oil and Gas Leases and Related Surface Use Agreements, etc. Affecting the Surface of the 432+/- Acre Tract:

Reg. No. 607848 F.F. Webb Trust to G. E. Buddecke, Jr. et ux (OGL Covering 432+/- acre tract and other tracts)

Reg. No. 1884251 Franks Realty, Inc. to Jack W. Grigsby (OGL Covering Section 14 T16N-R13W)

Reg. No. 1989871 Franks Realty, Inc. to Camterra Resources Partners, LTD (OGL Covering Section 15 T16N-R13W)

Reg. No. 2166011 FICLLC to Twin Cities Development, L.L.C. (OGL Covering 432+/- acre tract and other tracts)

Reg. No. 2246604 FICLLC to Chesapeake Operating, Inc. (Memo of Surface Use Agreement – Section 11 T16N-R13W)

Reg. No. 2411930 FICLLC to Petrohawk Properties, L.L.C. (Surface Use Agreement - Sections 10 & 11 T16N-R13W)

J-W Operating Franks 14#1 Road and Drill site Survey

J-W Operating Franks 14#1 Pipeline Survey

J-W Operating Franks 14#2 Road and Drill site Survey

### **3.2 Environmental Liens or Activity and Use Limitations**

As a result of the title and record search conducted by Franks in the Conveyance Records of Caddo Parish, Louisiana, no evidence of liens that affect the 418+/- acre tract were found filed in the Mortgage Records; financial liens, environmental liens, or any other encumbrance.

### **3.3 Specialized Knowledge**

In February 2006 a release of wastewater (oily saltwater) occurred on the eastern-most portion of an approximate 433 acre tract. The 433 acre tract has since been subdivided into 2 separate tracts, an approximate 418 acre tract the subject of this ESA and an approximate 15 acre tract located east of the 418 acre tract. The source of the release was from an existing utility pipeline located along the northeast boundary of the 15 acre tract. The release reportedly covered approximately seven (7) acres (release area) of the 15 acre tract and flowed along the drainage-ways of the adjoining 418 acre tract. Initial response activities included liquids removal and excavation of impacted soils of the release area and drainage-ways. During subsequent sampling of the soils of the excavated areas and sampling of the sub-surface soil and groundwater, samples were analyzed for volatile organic compounds (VOC), Semi-volatile organic compounds (SVOC), Total Petroleum Hydrocarbons (TPH), metals, polychlorinated biphenyl (PCB) and chlorides. Except for chlorides, all the constituents analyzed in the soil and groundwater samples were below the Non-Industrial RECAP Standards. The only remaining constituent of concern impacting soil and groundwater was chlorides. Soil impacts were contained to the release area located on the 15 acre tract and impacted groundwater was present beneath and to the south/southwest of the release area. Soil remediation and confirmatory sampling as well as groundwater monitoring within the release area have been conducted periodically since 2012. Based on this, it appeared that no further investigatory or remedial action was required for the 418 acre tract. In June of 2015 Franks requested a No Further Interest or equivalent authorization from LDEQ for the 418 acre tract. On March 15, 2016 LDEQ issued a letter of No Further Interest for the 418 acre tract (**Appendix J**). LDEQ will continue its oversight of the remediation activities associated with the contaminated 15 acre tract.

### **3.4 Commonly Known or Reasonably Ascertainable Information**

No commonly known or reasonably ascertainable information regarding the environmental history of the property was conveyed to CK.

### **3.5 Valuation Reduction for Environmental Issues**

There is no indication of a valuation reduction due to environmental issues at



the property.

### **3.6 Owner, Property Manager, and Occupant Information**

The property is owned by Franks. An owner questionnaire completed by a representative of Franks is included in **Appendix I**.

### **3.7 Reason for Performing Phase I ESA**

This Phase I ESA has been conducted to provide due diligence for property transfer and is intended to permit the user, Franks to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability.

### **3.8 Other**

Franks provided CK with a survey of the property. The survey was conducted by registered professional land surveyor, Ben D. Archly Jr., in January, 1999. This survey provides a legal description and information regarding flood zones, pipeline right of ways, the levee easement, sewer easement, and utility servitude. Two areas are marked as Flood Zone "AE". One of these areas runs north and south along Sand Beach Bayou where it merges with Bayou Pierre. The other area runs north and south through the center section of the property. The following note regarding the flood zone was documented with the general notes provided by the Surveyor:

"Located in flood zones "AE" (special flood hazard area inundated by 100-year flood) and "X" (outside 500-year floodplain), according to Panel 245-C of the Flood Insurance Rate Map for Caddo Parish, Louisiana (Community Number 220361), dated May 19, 1997."

The survey documents a pipeline right of way running north and south across the eastern section of the property. The following three companies are associated with the fifty foot right of way:

- Falco Inc.
- Interstate Oil Pipeline Co.
- Exxon Pipeline

The survey shows some fencing located around some portions of the perimeter of the property. A 100-foot levee easement is shown along Sand Beach Bayou and Bayou Pierre. A 50-foot utility servitude is shown near the northeastern tip of the property. The railroad right of way is shown along the northern border of the property.

## 4.0 RECORDS REVIEW

Historical sources, physical setting sources, and regulatory databases were reviewed to evaluate current and past land uses and assess environmental impacts that have occurred or may potentially occur in association with the property.

### 4.1 Standard Environmental Record Sources

In accordance with ASTM E 1527-13 Section 8.0, *Records Review*, CK conducted a thorough search of federal, state and local government environmental databases to obtain and review records and/or documents that would aid in the identification of known or potential RECs on or near the property. ASTM E 1527-13 contains a list of records that must be reviewed and the minimum search distance to use.

ASTM E 1527-13 Section 8.2.1, *Standard Federal, State, and Tribal Environmental Record Sources*, requires a review of the following databases and prescribes various search radii:

Federal NPL <sup>1</sup> Site List	1.0 mi
Federal <i>Delisted</i> NPL Site List	1.0 mi
Federal CERCLIS <sup>2</sup> List	0.5 mi
Federal CERCLIS-NFRAP <sup>3</sup> Site List	0.5 mi
Federal RCRA <sup>4</sup> CORRACTS <sup>5</sup> List	1.0 mi
Federal RCRA Non-CORRACTS TSD <sup>6</sup> Site List	0.5 mi
Federal RCRA LQG/SQG7	0.25 mi
Federal IC/EC <sup>8</sup> Registries	0.25 mi
Federal ERNS <sup>9</sup> List	0.25 mi
State-Equivalent CERCLIS List (SHWS) and/or Solid Waste Disposal Site Lists	0.5 mi State Landfill 0.5 mi State Leaking
UST <sup>10</sup> Lists	0.5 mi
State-Registered UST Lists	0.25 mi
State IC/EC Registries	0.25 mi
State VCP <sup>11</sup>	0.5 mi
State Brownfield Sites	0.5 mi

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<sup>1</sup>National Priority List

<sup>2</sup>Comprehensive Environmental Response, Compensation, and Liability Information System

- <sup>3</sup>CERCLIS-No Further Remedial Action Planned
- <sup>4</sup>Resource Conservation and Recovery Act
- <sup>5</sup>Corrective Action Report
- <sup>6</sup>Treatment, Storage, and Disposal Facility
- <sup>7</sup>Large or Small Quantity Generator
- <sup>8</sup>Institutional Control/Engineering Control
- <sup>9</sup>Emergency Response Notification System
- <sup>10</sup>Underground Storage Tank
- <sup>11</sup>Voluntary Cleanup Program

Information generated by the database search conducted by EDR is contained in **Appendix C**. Additional information was obtained through searching the LDEQ's Electronic Document Management System (EDMS).

EDR research of the databases indicated two plottable sites located within the ASTM-recommended search radii. The two plottable sites are listed in multiple databases, when combined result in one physical site. EDR noted one orphan site, which was located within the zip code as the subject property but with insufficient location information to be plotted. CK determined that the orphan site is not located within ASTM-recommended search radii of the subject property. The plottable site is further discussed in Section 7.0.

<u>Facility Name:</u>	Leonard Rd Spill
<u>Facility Location:</u>	Leonard Rd & HWY 1S
<u>Facility ID:</u>	12411
<u>Database:</u>	REM, VCP
<u>Distance/Direction:</u>	0.279 mile ESE

#### 4.2 Additional Environmental Record Sources

ASTM E 1527-13 Section 8.2.3, *Additional Federal, State, Tribal, and Local Environmental Record Sources*, states that one or more additional state or local sources may be checked to enhance and supplement the federal and state sources identified in ASTM E 1527-13 Section 8.2.1. EDR's records search included a review of several additional federal, state, and local databases; these are included in **Appendix C**. Findings from the additional databases are discussed in Section 7.0.

CK reviewed EDMS for the properties identified by EDR and any files for the property. This information is presented in Section 7.0

Water well records obtained by EDR from federal and state agencies were reviewed. The well information and a well location map in relation to the property are included in **Appendix C** with the EDR Report. EDR reported 64 USGS wells and state-registered wells located within a one-mile radius of the property. No water wells are located on the property. Well usage includes monitoring, public supply, industrial supply, domestic supply, piezometers, recovery wells, and “other”.

Oil and gas well records were obtained by EDR from the Louisiana Department of Natural Resources. The well information and a well location map in relation to the property are included in **Appendix C** with the EDR Report. EDR reported 24 state-registered oil and gas wells located within a one-mile radius of the property. No oil and gas wells are located on the subject property.

### **4.3 Physical Setting Sources**

#### **4.3.1 USGS 7.5 Minute Topographic Map**

The most current United States Geological Survey (USGS) 7.5 Minute Series Topographic Map depicting the area in which the property is located is the "SHREVEPORT EAST, LA" Pre-1998 Topographic Map (**Figure 1**). The average elevation of the property ranges from 150 to 156 feet msl.

An unpaved road is shown providing access to the field house from Louisiana Highway 1. An unpaved road is shown on the east bank of Bayou Pierre along the entire Site. The map shows several field ditches in a configuration that is consistent with the current field drainage on the property. Land contours indicate that former water flow from the Red River or from Bayou Pierre have created “river scars”. A pipeline is shown to be present along the southern Site boundary, but is not shown as crossing the property.

#### **4.3.2 Soil Conservation Service Soil Map**

According to the United States Department of Agriculture Soil Conservation Service, the property is primarily made up of Armistead and Moreland Clay. These are somewhat poorly drained soils that have a clayey or loamy surface layer and clayey or loamy subsoil. Wetness, slow permeability, and poor tilth are the main limitations of this type of soil.

#### **4.3.3 Flood Insurance Rate Maps**

Coverage of the property was provided in the Caddo Parish, Louisiana and Incorporated Areas, Panel 489 of 800, and, Panel 495 of 800. These Panels are referenced from Map Number 22017C0489 F, and, Map Number 22017C0495 F, respectively. Both maps have Effective Dates of April 6, 2000.

The majority of the property is primarily classified as Zone X, having areas of 500-year flood; areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood. Extending along the banks of Bayou Pierre and along the major drainage pathways on the property is Zone AE. This refers to base flood elevations determined and special flood hazard areas inundated by 100-year flood.

Copies of the applicable sections of the maps are provided as Figure 2, Maps 2A and 2B.

#### **4.4 Historical Use Information on Property and Adjoining Properties**

##### **4.4.1 Local Street Directories**

CK personnel reviewed records in the Caddo Parish Tax Assessor's office to determine the ownership history of the property. The property was owned by Frederick F. Webb, Jr., John C. Webb, Clarence H. Webb, Robert L. Webb, and Mrs. Doris Yearwood Elgin. The Webb plantation was divided (unevenly) over the years among descendants of the Webb family. In 1998, the property was conveyed to Franks Realty, Inc. The property today is still owned by Franks Realty, Inc. Documentation of the historical tenant search is included in **Appendix D**.

##### **4.4.2 Sanborn<sup>®</sup> Fire Insurance Maps**

Founded in 1867, the Sanborn Fire Insurance Company produced Sanborn<sup>®</sup> Fire Insurance Maps that document the historical property use of over 12,000 American towns and cities. Known for their tremendous details of size, material composition and minute construction elements of buildings as well as property boundaries and street widths, Sanborn<sup>®</sup> maps provide a valuable tool for completing an ESA in that land use of a property can be monitored in depth over a long period of time. No Sanborn<sup>®</sup> maps with coverage of the property were located. Documentation of the search is included in **Appendix E**.

#### 4.4.3 Historical Topographic Maps

CK reviewed historical quadrangles provided by Bank Environmental Data (Banks) for structures, mines, quarries, clearings, wells, and land use in order to (1) ascertain historical development of the project area, and (2) identify indications of possible RECs. USGS historical topographic maps dating back to 1941 (**Appendix F**) were reviewed. The property is located within the Shreveport East, Louisiana quadrangle on the 15-minute series maps and the Wallace Lake quadrangle on the 7.5-minute series maps. Maps from 1941, 1955, 1959, 1969, 1980, 1992, and 2012 were reviewed.

1941. The 1941 map depicts the property as undeveloped. However, a number of un-improved roads are depicted around the perimeter and crossing portions of the property. Small structures or buildings are depicted along the roads. The T&PRR is present in its current configuration northeast of the property. Leonard School is identified on the map and located across LA 1 from the property. A church is depicted as co-located with the school.

1955. The 1955 map depicts the property as undeveloped. A number of the roads and structures depicted on the previous map are no longer depicted. The T&PRR is present in its current configuration east of the property. Leonard School identified in the previous map is now identified as Friendship School on the map and located across LA 1 from the property. A church is depicted as co-located with the school.

1959. The 1959 map depicts the property as undeveloped. A number of the roads and structures depicted on the previous maps are no longer depicted. The T&PRR is present in its current configuration east of the property. Friendship School is no longer depicted on the map. However, the church previously depicted is identified as Friendship Church.

1969. The 1969 map depicts the property as undeveloped. A number of the roads depicted on the previous maps are no longer depicted. No structures are depicted on the property. The T&PRR is present in its current configuration east of the property. Friendship Church is not depicted on the map.

1980. The 1980 map depicts the property as undeveloped. The T&PRR is present in its current configuration east of the property. The Friendship Church is not depicted on the map.

1992. The 1992 map depicts the property as undeveloped. The T&PRR is present in its current configuration east of the property.

2012. The 2012 map depicts the property as undeveloped. The T&PRR is present in its current configuration east of the property.

#### **4.4.4 Historical Aerial Photographs**

Historical aerial photographs for the 1939, 1949, 1959, 1966, 1969, 1974, 1989, 1994, 1998, 2002 and 2010 were obtained from Banks and analyzed for information about the property history of the property. The historic aerial photographs obtained from Banks are included in **Appendix G**. Findings are summarized below.

##### 1939

In the 1939 photograph, the property appears as a patch-work of farm plots with a number of roads between plots. Houses or structures could be seen along the roadways. The property west of the property was made up of farmland and Bayou Pierre. No structures were located adjacent to the property on the farmland that borders the western boundaries. The area adjacent to the southeast boundary was farmland with some structures which were likely residences located between the property boundary and the road that runs near the southeastern boundary. No structures were located adjacent to the eastern boundary of the property.

##### 1949

The 1949 photograph was of poor quality where specific features could not be discerned on the property. However, the property west of the property was made up of farmland and Bayou Pierre. No structures were located adjacent to the property on the farmland that borders the western boundaries. The area adjacent to the southeast boundary was farmland with some structures which were likely residences located between the property boundary and the road that runs near the southeastern boundary. No structures were located adjacent to the eastern boundary of the property.

##### 1959

In the 1959 photograph, the property appears as a patch-work of farm plots with a number of roads between plots. Houses or structures could be seen along the roadways. The property to the west of the property was made up of farmland and Bayou Pierre. The area adjacent to the southeast was farmland with some structures which were likely residences located between the property boundary and the road that runs near the southeastern boundary of the property. A major highway ran adjacent to the eastern boundary of the property. Some structures were located on the farmland across the highway from the eastern boundary of the property.

1966

In the 1966 photograph, the property appears as a patch-work of farm plots with a number of roads between plots. Houses or structures could be seen along the roadways. The property to the west of the property was made up of farmland and Bayou Pierre. The area adjacent to the southeast boundary was farmland with some structures which were likely residences located between the property boundary and the road that runs near the southeastern boundary of the property. A major highway ran adjacent to the eastern boundary of the property. Some structures were located on the farmland across the highway from the eastern boundary of the property.

1969

In the 1969 photograph, the property appears as a patch-work of farm plots with a number of roads between plots. Houses or structures could be seen along the roadways. The property to the west of the property was made up of farmland and Bayou Pierre. The area adjacent to the southeast boundary was farmland with some structures which were likely residences located between the property boundary and the road that runs near the southeastern boundary of the property. A major highway ran adjacent to the eastern boundary of the property. Some structures were located on the farmland across the highway from the eastern boundary of the property.

1974

In the 1974 photograph, the property west of the property was made up of farmland and Bayou Pierre. No structures were located adjacent to the property on the farmland that borders the western boundaries. Several structures that appear to be residences were located between the property boundary and a road that runs along the southeastern boundary. A bullet tank that may have been part of an oil and gas facility was located across the road to the south. A major highway ran adjacent to the eastern boundary.

1989

In the 1989 photograph, the property west of the property was made up of farmland and Bayou Pierre. No structures were located adjacent to the property on the farmland that borders the western boundaries. Several structures that appear to be residences were located between the property boundary and a road that runs along the southeastern boundary. A bullet tank that may have been part of an oil and gas facility was located across the road to the south. A major highway ran adjacent to the eastern boundary.



### 1994

In the 1994 photograph, the property west of the property was made up of farmland and Bayou Pierre. No structures were located adjacent to the property on the farmland that borders the western boundaries. Several structures that appear to be residences were located between the southern property boundary and a road that runs along the southeastern boundary. A bullet tank that may have been part of an oil and gas facility was located across the road to the south. A major highway ran adjacent to the eastern boundary.

### 1998

In the 1998 photograph, the property to the west was made up of farmland and Bayou Pierre. No structures were located adjacent to the property on the farmland that borders the western boundary. Several structures that appear to be residences were located between the southern property boundary and a road that runs along the southeastern boundary. A major highway ran adjacent to the eastern boundary.

### 2002

In the 2002 photograph, the property to the west was made up of farmland and Bayou Pierre. No structures were located adjacent to the property on the farmland that borders the western boundary. Several structures that appear to be residences were located between the southern property boundary and a road that runs along the southeastern boundary. A major highway ran adjacent to the eastern boundary.

### 2010

In the 2010 photograph, the property to the west was made up of farmland and Bayou Pierre. No structures were located adjacent to the property on the farmland that borders the western boundary. Several structures that appear to be residences were located between the southern property boundary and a road that runs along the southeastern boundary. A major highway ran adjacent to the eastern boundary. Major scarring appears between the eastern property boundary and the major highway to the east.

#### **4.4.5 Radon**

Current federal and state guidelines indicate that concentrations of radon at less than four picoCurries per liter (pCi/L) are non-threatening to human health, concentrations of radon between four and 20 pCi/L pose a risk of long term exposure, and concentrations of radon greater than 20 pCi/L pose an immediate

threat to human health.

The EDR Area Radon Information (**Appendix C**) identifies Caddo Parish as a Zone 3 area with a predicted indoor average radon level of less than two pCi/L.

## 5.0 SITE RECONNAISSANCE

In accordance with ASTM E 1527-13 Section 9.0, *Site Reconnaissance*, field investigations were conducted in order to inspect the property and surrounding areas for structures, oil and gas exploration and production, land use, runoff patterns, and indications of environmental impacts. The investigation was conducted October 28, 2015. Photographs from the investigation are presented in **Appendix H**.

### 5.1 Methodology and Limiting Conditions

The property was investigated in order to identify RECs, current and historical, that have, or may have in the past, adversely impacted environmental conditions at the property. ASTM E 1527-13 Section 9.0, *Site Reconnaissance*, addresses aspects of site field investigations. CK, as described in this report, has investigated the property for RECs based on information gathered during historical research, the environmental database review, interviews with pertinent personnel, and field reconnaissance in accordance with ASTM E 1527-13 standards, as applicable and appropriate.

Observations made during CK's reconnaissance of the property were limited to portions of the property that were accessible to investigators, and evidence that was visible to the investigators. Observations were based on evidence that was visible to inspectors while driving or walking the property. No ground excavation or physical relocation of obstacles was conducted during inspections. Accordingly, no guarantee is made or intended that all property conditions were observed.

### 5.2 General Site Setting

ASTM E 1527-13 Section 9.4.1, *General Site Setting*, addresses current and past use of the property being assessed, adjoining properties, and surrounding areas. The property is located in Caddo Parish, Louisiana. The property is located in an agricultural area. Uses in the vicinity include residential, agricultural properties and oil and gas exploration and production.

### **5.3 Exterior Observations**

A railroad runs along the eastern boundary of the property. Gravel roads cut through the center of the property leading to oil and gas wells. The majority of the property is used for agricultural purposes. A large drainage runs north and south along the eastern boundary. Another large drainage runs northeast and southwest through the center of the property.

#### **5.3.1 Pits, Ponds, or Lagoons**

No pits, ponds or lagoons were observed on the property.

#### **5.3.2 Stained Soil or Pavement**

No stained soil was observed on the property.

#### **5.3.3 Stressed Vegetation**

No stressed vegetation was observed on the property.

#### **5.3.4 Solid Waste**

Trash and debris was observed near an abandoned homestead on the north area of the property.

#### **5.3.5 Wells**

No groundwater wells were observed on the property.

#### **5.3.6 Septic Systems**

No septic systems were observed on the property.

#### **5.3.7 Oil and Gas Drilling Activities**

Three oil and gas well locations were observed on the property.

#### **5.3.8 Storage Tanks**

Storage tanks were observed at the oil and gas well locations on the property.

#### **5.3.9 Odors**

No strong, pungent, or noxious odors were detected on the property or adjacent

properties during the property reconnaissance.

#### **5.3.10 Pools of Liquid**

No pools of liquid other than ponded rain water were observed on the property.

#### **5.3.11 Drums and Containers**

No drums or containers were observed at the property.

#### **5.3.12 Unidentified Substance Containers**

No unidentified containers were observed.

#### **5.3.13 Polychlorinated Biphenyls (PCBs)**

No PCB-containing equipment was observed at the property.

### **5.4 Interior Observations**

There are no buildings in use at the property.

## **6.0 INTERVIEWS**

Mr. Bobby E. Jelks, Manager at Franks Investment Company, L.L.C. and a representative of the property owner, completed an Owner Questionnaire (**Appendix I**) on December 7, 2015. The questionnaire indicates that the owners have no knowledge of any environmental concerns at the property.

## **7.0 EVALUATION**

### **7.1 Findings**

As defined in ASTM E 1527-13 Section 1.1.1, REC means:

The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

#### **7.1.1 Potential RECs Outside Property Limits**

Facility Name: Leonard Rd Spill

Facility Location: Leonard Rd & HWY 1S  
Facility ID: 12411  
Database: REM, VCP  
Distance/Direction: 0.279 mile ESE

On February 14, 2006, the current owner was informed of a release of wastewater (oily saltwater) from a pipeline operated by the City of Shreveport. The release covered approximately seven (7) acres of furrowed land and ditches of an original 433 acre tract. The 433 acre tract has since been subdivided into a 418 acre tract, the subject of this ESA and a 15 acre tract. The release impacted croplands on the remaining 15 acres of the original 433 acre tract as well ditches on the 418 acre tract. Emergency response to the spill resulted in excavation of approximately 15,000 cubic yards of soil contaminated with oil and saltwater. The emergency response was conducted at the direction of the pipeline operator, the City of Shreveport. The initial response was completed in July 2006. The responsibility for the cleanup was later assumed by Tervita Corporation. At the direction of the Louisiana Department of Environmental Quality (LDEQ), multiple investigations have been conducted to delineate contamination associated with the oily saltwater release. The investigations document an Area of Interest (AOI) of approximately 22 acres (impacted lands, ditch areas, and buffer areas) associated with the investigation of the release. On August 31, 2010, the LDEQ approved the *Revised Remedial Investigation Report* (Michael Pisani & Associates, on behalf of Tervita). *This Revised Remedial Investigation Report* documents that hydrocarbon remediation is completed and hydrocarbons are no longer a risk to human health and the environment. The report further states that residual salt contamination (chlorides and sodium) was present in the soils and groundwater. In November 2012, interim remedial activities were completed to address salt-affected soils. The remedial action generally consisted of the addition of gypsum to displace the salts and the addition of topsoil and organic matter to facilitate returning the land to agricultural use. An Interim Remedial Action Report (MP&A) was submitted to the LDEQ to document completion of the interim soil remediation and was approved by LDEQ on February 21, 2013. Confirmatory sampling of soils is planned to be conducted in fall 2013 and will include chlorides and Total Petroleum Hydrocarbon-Diesel Range Organics. Corrective actions to address chlorides contamination of the groundwater have not yet been proposed. Multiple remedial investigation reports for the property indicate the groundwater under the property is a part of the Red River Alluvial Aquifer and that the water is not used as a drinking water supply in the area, but may be used for irrigation and for drilling rig water supply at oil and gas well sites. In June of 2015 Franks requested a No Further Interest or

equivalent authorization from LDEQ for the 418 acre tract. On March 15, 2016 LDEQ issued a letter of No Further Interest for the 418 acre tract. LDEQ will continue its oversight of the remediation activities associated with the contaminated 15 acre tract.

## 7.2 Opinion

No other items of environmental significance were observed at the property or found during the assessment of historical activities at this Site or the adjoining properties.

## 7.3 Data Gaps

Data gaps are defined in ASTM E 1527-13 Section 3.2.21, *data gap*, as a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. No significant data gaps were encountered during preparation of this ESA.

## 7.4 Conclusions

CK has performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM E 1527-13 for the approximately 418-acre property located in Caddo Parish, Louisiana. Any exceptions to, or deletions from this practice are described in Section 1.4, Limitations and Exceptions, of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

- In February 2006 a release of oily saltwater from a wastewater pipeline occurred on the original 433 acre tract from which the subject of this ESA (418 acre tract) has been subdivided from. The release impacted croplands on the remaining 15 acres of the original 433 acre tract as well ditches on the 418 acre tract. The release impacted both soil and groundwater beneath the 433 acre tract. Subsequent soil and groundwater investigations, remedial actions and groundwater monitoring have been conducted under the direction of LDEQ. In June of 2015 Franks requested a No Further Interest or equivalent authorization from LDEQ for the 418 acre tract. On March 15, 2016 LDEQ issued a letter of No Further Interest for the 418 acre tract (**Appendix J**). LDEQ will continue its oversight of the remediation activities associated with the contaminated adjacent 15 acre tract.

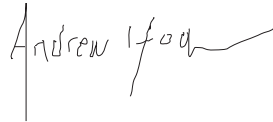
## 7.5 Deviations

No deletions or deviations from the ASTM Standard Practice E 1527-13 were made during this investigation.

## 7.6 Signature and Qualifications of Environmental Professional

"I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312."

"I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."

A handwritten signature in black ink that reads "Andrew Hooker". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Andrew Hooker  
Environmental Scientist II

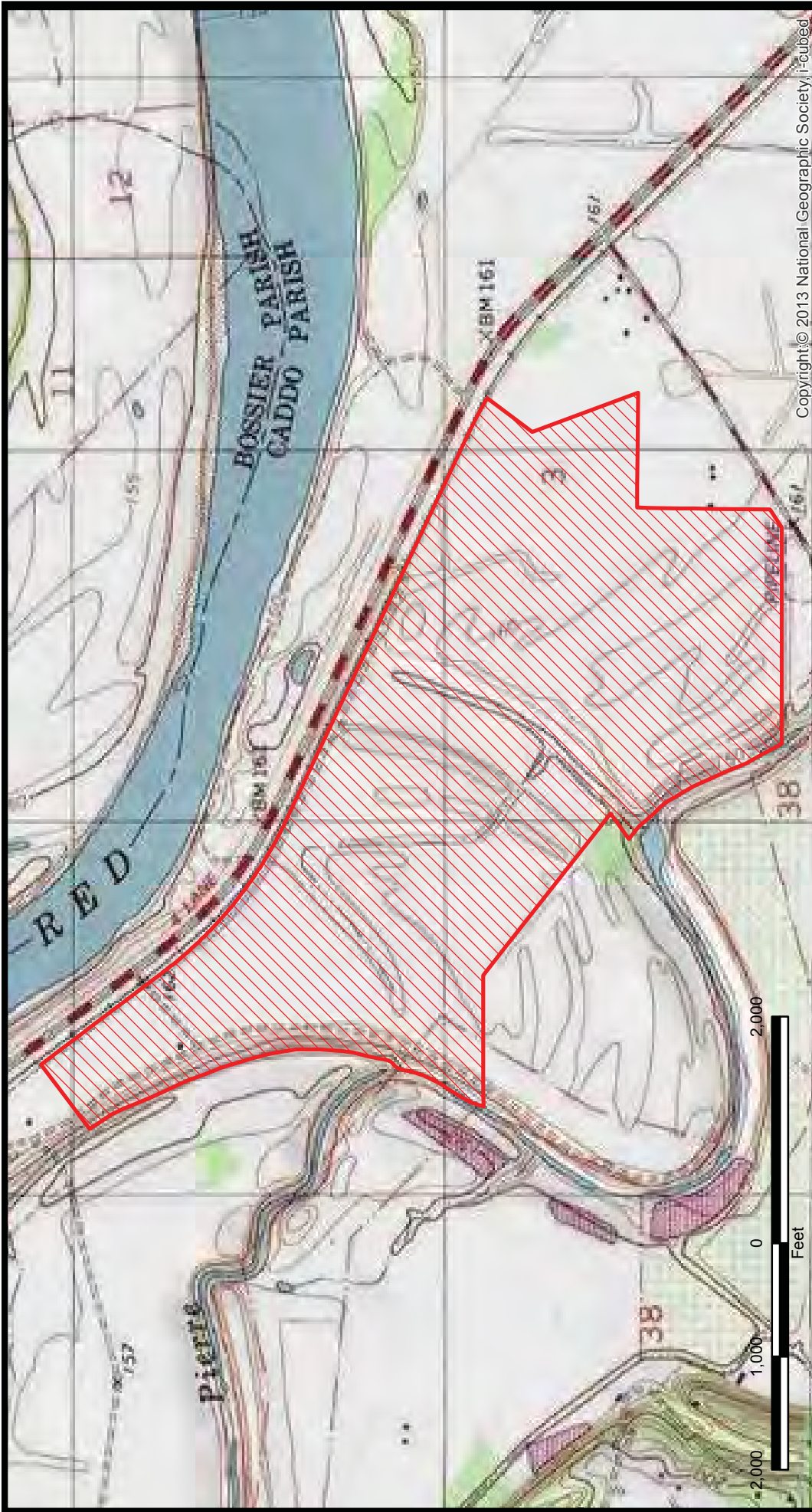
Mr. Andrew Hooker is an Environmental Scientist with over 9 years of experience in the environmental field and has performed and reviewed numerous environmental studies. Mr. Hooker has a B.S. degree in Environmental Science. Mr. Hooker's resume is presented in **Appendix K**.

## FIGURES



**FIGURE 1**

**SITE VICINITY MAP**



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**FRANKS MANAGEMENT COMPANY**  
SHREVEPORT, LOUISIANA

LEONARD ROAD 430 ACRE ESA UPDATE

**VICINITY MAP**

CADDO PARISH, LOUISIANA

Drawn:	ADB/AM10.3
Checked:	ACH
Approved:	GRM
Date:	11/5/2015
Dwg. No.:	12980



**FIGURE 1**



**Legend**



Property



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China

**FIGURE 2**

**FLOOD INSURANCE RATES MAPS**





## **APPENDICES**

**APPENDIX A**

**REFERENCES**

## REFERENCES

Banks Information Solutions, Inc. "Environmental FirstSearch™ Report." Job Number ESO2349. September 13, 2006.

Environmental Data Resources, Inc., City Directory Image Report, Inquiry Number 4451126.5. October 30, 2015.

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Soil Conservation Service (1980) *Soil Survey of Caddo Parish, Louisiana*. U.S. Department of Agriculture Soil Conservation Service. June 1980.

United States Geological Survey. "SHREVEPORT EAST [LA]" 1:24,000 Topographic Map, 1992.

Louisiana Department of Transportation, GIS Well Locator, (Internet).

Louisiana Department of Natural Resources, SONRIS Database, (Internet).



## **APPENDIX B**

### **PROPERTY TITLE INFORMATION**

47234

MRS. LILLIAN B. SMITHERMAN ET AL  
TO  
BOARD OF COMMISSIONERS OF THE  
CADDO LEVEE DISTRICT

FILED & RECORDED  
MAY 11, 1949  
D. B. WEBSTER, DY-CLK  
& EX OFFICIO BY RECORDER  
REC: MC

AGREEMENT

STATE OF LOUISIANA  
PARISH OF CADDO

AGREEMENT RE: CHANNEL ENLARGEMENT OF BAYOU PIERRE

KNOW ALL MEN BY THESE PRESENTS, That Whereas, the Congress of the United States has heretofore authorized certain work in the vicinity of Shreveport, generally referred to as the Bayou Pierre Project (Public Law 526, 79th Congress, Second Session) under certain conditions heretofore assumed by the Board of Commissioners of the Caddo Levee District, which include the furnishing of a necessary right of way and an agreement to hold the United States harmless from any claim for compensation or damage which might arise on account of the work to be undertaken, insofar as that portion of the project which lies South of Atlantic Avenue in the City of Shreveport, and

Whereas, the United States has let the contract for the doing of the work with reference to this portion of the project and in carrying out the project it is contemplated that in the widening and deepening of said Bayou it will be necessary to remove a large quantity of earth or spoil.

Now therefore, we, the undersigned owners of land bordering on Bayou Pierre and through which Bayou Pierre runs, hereby agree that in the event the Board of Commissioners of the Caddo Levee District will at its expense, spread the spoil so removed, in the manner hereafter stipulated, we will release and relinquish all claims except as hereinafter set forth which we now have against the Board of Commissioners of the Caddo Levee District and/or the United States of America, its officers agents or contractors, for damages and/or compensation or which may hereafter arise or accrue in our favor growing out of, in connection with or in any manner occasioned by the carrying out to completion of said Bayou Pierre Project and including the spreading of the spoil as hereafter stipulated.

The Board of Commissioners of the Caddo Levee District shall advertise for bids for the spreading of the spoil resulting from the carrying out of the Bayou Pierre Project, the spreading thereof to be done under the supervision of the State Department of Public works in the following manner; Beginning at the landside edge of the berme, the dirt shall be left on a 4-1 slope in accordance with the specifications of the Engineers, The remaining dirt shall be spread out landward creating a uniformly shaped layer which shall not increase the maximum elevation of the land in any general location more than three (3) feet. The surface shall be left reasonably smooth with no holes or humps or abrupt changes in slope. It shall conform to the general shape of the existing terrain except that where it is considered to the advantage of the Levee Board and property holders minor depressions will be filled or other minor variations will be made in the slope of the land. No such variations will be made except at the direction of the Engineer in charge.

It is agreed that the undersigned will make no claim whatsoever against the Board of Commissioners of the Caddo Levee District and/or the United States of America, its officers, agents or assigns, as a result of the carrying out of the Bayou Pierre Project and or the spreading of the spoil as above contemplated, except as hereinafter set forth.



It is further agreed that upon the completion of the spoil as hereinabove set forth, and in consideration for the spreading of the said spoil, the undersigned land owners, their heirs and assigns, do hereby grant unto the Board of Commissioners of the Caddo Levee District a perpetual servitude and right of way through any and all lands belonging to us, or either of us, bordering on said Bayou Pierre, and through which Bayou Pierre runs to maintain, repair, operate and control the necessary Bayou Pierre Channel and enlargement which perpetual servitude and right of way shall be one hundred (100) feet in width measuring and extending one hundred (100) feet from the new bank of said Bayou Pierre on the East side of the Bayou Pierre channel enlargement work mentioned in the foregoing paragraph of this agreement, the boundaries of which servitude and right of way shall be defined and located by permanent monuments to be erected upon the completion of the work heretofore mentioned, all cost and surveys in connection with the location and erection of said monuments to be borne by the Board of Commissioners of the Caddo Devee District.

It is further agreed by the undersigned land owners, their heirs and assigns, that no buildings and/or obstructions shall be located or placed on the right of way herein granted of any nature which, in the opinion of the Board of Commissioners of the Caddo Levee District will in any manner interfere with the purposes of the rights to maintain repair, operate and control the Bayou Pierre Channel in the future, it being expressly agreed that the undersigned land owners, their heirs and assigns, will hold the said board of Commissioners of the Caddo Levee District harmless for any damages, compensation, rights or claims, except as set forth hereinafter, of any nature whatsoever which they may have, or which may accrue to them in the future growing out of, in connection with or in any manner occasioned by the maintenance, repair, operation or control of the Bayou Pierre Channel and the one hundred (100) feet right of way on the East bank thereof herein granted, this grant and dedication being irrevocable and perpetual.

However, the Board of Commissioners of the Caddo Levee District expressly agree to the following:

(a) That the landowner shall have the right to cultivate and farm the one hundred (100) foot right of way granted herein.

(b) That the servitude granted herein shall in no way interfere with landowner's right to explore for and produce oil, gas or other minerals from beneath the land over which a servitude is herein granted; provided the sites of no well to be drilled is actually on the said right of way.

(c) Further that if, in the use of the servitude herein granted damage is done to private roads (roads maintained by landowner) that the damage shall be repaired; and if crops are destroyed the same shall be paid for. This provision relative to damage to roads and destruction of crops applies solely to land of the landowner lying outside the one hundred (100) foot right of way herein granted and not the right of way itself.

(d) Should silt or other matter be removed from Canal in later years it will be spread to conform to general pattern as above outlined in paragraph 4.

(e) It is understood that the landowners right to drain into Bayou Pierre and his drainage canals and ditches for such purposes shall not be interfered with.

Attest:

R. H. Smitherman Jr.  
Fern B. Mahoney

Mrs. Lillian B. Smitherman

Helen C. Dandridge  
Kathleen Harris

F. F. Webb, Jr.



W. B. Sentell  
G. M. Anderson

BOARD OF COMMISSIONERS  
CADDO LEVEE DISTRICT  
BY W. E. Glassell  
President  
May 10, 1949.

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47235

JUSTIN R. QUERBES, ET AL  
TO  
BOARD OF COMMISSIONERS OF  
CADDO LEVEE DISTRICT

FILED & RECORDED  
May 11, 1949  
D. B. WEBSTER, DY CLK  
& EX OFFICIO DY RECORDER  
REC: MC

AGREEMENT

STATE OF LOUISIANA  
PARISH OF CADDO

AGREEMENT RE: Channel Enlargement of Bayou Pierre

Know All men by these presents That Whereas, the Congress of the United States has heretofore authorized certain work in the vicinity of Shreveport, generally referred to as the Bayou Pierre Project (Public Law 526, 79th Congress, Second Session) under certain conditions heretofore assumed by the Board of Commissioners of the Caddo Levee District, which include the furnishing of a necessary right of way and an agreement to hold the United States harmless from any claim for compensation or damage which might arise on account of the work to be undertaken, insofar as that portion of the project which lies South of Atlantic Avenue in the City of Shreveport, and

Whereas, the United States has let the contract for the doing of the work with reference to this portion of the project and in carrying out the project it is contemplated that in the widening and deepening of said Bayou it will be necessary to remove a large quantity of earth or spoil.

Now therefore, we, the undersigned owners of land bordering on Bayou Pierre and through which Bayou Pierre runs hereby agree that in the event the Board of Commissioners of the Caddo Levee District, will at its expense, spread the spoil so removed in the manner hereafter stipulated, we will release and relinquish all claims which we now have against the Board of Commissioners of the Caddo Levee District and/or the United States of America, its officers, agents or contractors, for damages and/or compensation or which may hereafter arise or accrue in our favor growing out of, in connection with, or in any manner occasioned by the carrying out to completion of said Bayou Pierre Project and including the spreading of the spoil as hereafter stipulated.

The Board of Commissioners of the Caddo Levee District shall advertise for bids for the spreading of the spoil resulting from the carrying out of the Bayou Pierre Project, the spreading thereof to be done under the supervision of the State Department of Public Works in the following manner; Beginning at the landside edge of the berme, the dirt shall be left on a 4-1 slope in accordance with the specifications of the Engineers. The remaining dirt shall be spread out landward, creating a uniformly shaped layer which shall not increase the maximum elevation of the land in any general location more than three (3) feet. The surface shall be left reasonably smooth with no holes or humps or abrupt changes in slope. It shall conform to the general shape of the existing terrain except that where it is considered to the advantage of the Levee Board and property holders minor depressions will be filled or other minor variations will be made in the slope of the land. No such variations will be made except at the direction of the Engineer in charge.

It is agreed that the undersigned will make no claim whatsoever against the Board of Commissioners of the Caddo Levee District and/or the United States of America, its officers, agents or assigns, as a result of the carrying out of the Bayou Pierre Project and/or the



" The North Half of the Northwest Quarter (N $\frac{1}{2}$  or NW $\frac{1}{2}$ ) of Section 26, Township 17 North, Range 14 West, and all of the Northeast Quarter of the Northeast Quarter (NE $\frac{1}{4}$  or NE $\frac{1}{2}$ ) of Section 27, said township and range lying East of a line parallel to and eight (8) feet east of the Easterly boundary of the right of way of the Houston and Shreveport Railway Company, said eight (8) foot strip being the right of way granted by J.E. Smitherman, et al for pipe line rights of way and less a lot in the Northeasterly corner of said first described property, which lot fronts 100 feet on 70th Street by a depth of 150 feet on Union Street, and being further subject to the rights of way and dedications granted by J.E. Smitherman, et al for 70th and Union Streets, and rights of way for sewer line and gas pipe line presently installed on the premises, said property consisting of eighty-eight (.88) acres, more or less, and located in Caddo Parish, Louisiana

for the sum of \$132,000.00, which shall be paid \$33,000.00 cash in hand at the time of the execution of the deed and the remaining \$99,000.00 to be represented by one (1) mortgage note secured by vendor's lien and privilege on the said property, due and payable on or before ten (10) years after the date thereof, with interest at the rate of four (4%) per cent per annum, said interest to be paid on the principal balance due at the end of one (1) year after the date of the execution of said note, the interest thereafter to be paid semi-annually. The payment of the principal of said note shall be accelerated and become immediately due and payable should the maker thereof fail to meet any interest payment within thirty (30) days after the due date thereof.

"It is agreed and understood that the above noted payment of \$33,000.00 cash is equal to and shall be treated as the payment of \$375.00 per acre on the property hereinabove described, and J. E. Smitherman, et al agree that upon the payment of an additional sum equal to \$375.00 per acre to subordinate the above described vendor's lien and mortgage from time to time upon units of said property consisting of not less than five (5), nor more than twenty (20) acres for the purpose of allowing Frank J. Zuzak or his nominee to install streets and public utilities, consisting of gas, water, sewerage and electrical lines and facilities upon the particular unit, the mortgage on which is to be so subordinated."

CERTIFICATE

I hereby certify that the above is a true and correct copy of a resolution adopted at a meeting of Sherwood Park Development Co., Inc., held at its offices at 410 First National Bank Building, Shreveport, La., on June 16, 1953, as the same appears on the Minute Book of the Corporation.

In testimony whereof witness my hand and seal on this 14th day of July 1953.

Sam A. Freyer  
Asst Secretary

-----  
#52608

FREDERICK K. WEBB, JR., et al  
TO  
INTERSTATE OIL PIPE LINE COMPANY  
RIGHT OF WAY

FILED & RECORDED  
July 15th, 1953  
LLOYD D. BURNS  
DY CLK & EX OFF DY RECORDER  
REC:LBH

STATE OF LOUISIANA  
PARISH OF CADDO

KNOW ALL MEN BY THESE PRESENTS: That the undersigned, hereinafter called GRANDR (whether one or more) in consideration of Two Hundred Ninety and No/100 (\$290.00) DOLLARS cash in hand paid, receipt of which is hereby



acknowledged, does hereby grant and convey unto INTERSTATE OIL PIPE LINE COMPANY, a Delaware corporation, with principal office at Shreveport, Louisiana, hereinafter called Grantee, a servitude or right of way for the purpose of constructing, maintaining, operating, patrolling, (including aerial patrol) altering, repairing, renewing, and removing in whole or in part a pipe line for the transportation of crude petroleum, its products and derivatives, whether liquid or gaseous, together with the necessary fixtures, equipment and appurtenances across the following described land situated in said State and Parish, to-wit:

Those certain lands in Caddo Parish, Louisiana, fronting on Red River, near Lucas, presently known as Levy Plantation, more fully described as Lot 15 of the Daniels Lands in Section 10, and Lots 2 and 6 of Daniels Lands, and all that part of Lot 5 of the Daniels Lands East of Bayou Pierre, all in Section Fourteen (14), and a tract fronting one mile on Red River, and located in Sections 10, 11, 13, 14, and 15 said tract having been formerly known as the Norris Tract, and forming a part now of the Levy Plantation, and being the same property less such part thereof as has gone into Red River, acquired by Morris Levy of date August 8, 1863, as per deed in Conveyance Book "O" page 497, of the Records of Caddo Parish, Louisiana, less right of way to T & P. Railway, and less the Highway adjacent thereto. All of the above described property being situated in Township 16 North, Range 13 West, Caddo Parish, La., Being a portion of that land as described in Book 652, page 413 of Records of Caddo Parish, Section \_\_\_ Twp \_\_\_ Rge \_\_\_ together with the right of ingress and egress to and from said right of way over and across said lands and adjacent lands of Grantor for any and all purposes herein granted, with the right to maintain the right of way clear of trees, undergrowth, brush and other obstructions so as to prevent damage or interference with the efficient operation and patrol of the pipe lines constructed under this grant.

GRANTEE may construct additional lines of pipe, subject to the same rights, terms and conditions as apply to the original line, upon payment to the GRANTOR of a like consideration per rod for each additional line so laid; provided that additional pipe lines constructed shall be located approximately parallel and at a distance of not more than twenty five (25) feet from the center of the first pipe line hereafter installed. Payment for additional lines may be made by check of Grantee preceding or subsequent to the construction of such additional lines.

All pipe lines constructed under this agreement shall be buried through cultivated land so that they will not interfere with ordinary cultivation and Grantee shall pay for all damages to crops, fences, timber and livestock which may be caused by the constructing, repairing or removing said lines, which payment shall be made after completion of the work.

GRANTOR reserves the right to the full use and enjoyment of said premises except as the same may be necessary for the purposes herein granted; provided that GRANTOR shall not erect over any line or lines of GRANTEE any improvements, lake or ponds of a nature such as to interfere with the rights hereby granted.

Nothing herein shall be construed as a conveyance of any part of the mineral rights underlying the above described property and the servitude granted herein is subject to any valid and duly recorded oil, gas and mineral lease.

This agreement shall be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.

WITNESS THE EXECUTION HEREOF this 8th day of July 1953.

Witnesses

M. L. Parris  
Craighton Webb Jr.

J.D. Holland  
M. L. Parris

Signature and Mailing Address of Grantor:

Frederick W. Webb, Jr. ✓

John C. Webb ✓

Clarence H. Webb ✓

Robert L. Webb ✓

Doris Yearwood Elgin ✓



55¢ revenue stamps attached hereto and cancelled.

STATE OF LOUISIANA  
PARISH OF CADDO

BEFORE ME, the undersigned authority, personally appeared M. L. Parris who having first been duly sworn deposed that he saw the foregoing instrument executed by Frederick F. Webb Jr., John C. Webb, Clarence H. Webb, Robert L. Webb and Doris Yearwood Elgin and that Appearer signed at the same time together with the other attesting witness; and that Appearer now recognizes all such signatures to be genuine.

M. L. Parris

Sworn to and subscribed before me, this 8th day of July, 1953.

Clyde A. Musgrove

Notary Public

AFE NO	Line name or location	code No.	R/W No.	Size	Rods
531	Red Chute Jct.-Finney		113	12"	290

Field or Pool	Map No	Check No.	Paid By
		684-685	M. L. Parris
		686-687-688	

UNITED STATES OF AMERICA  
TO  
ALLEN R. WRIGHT ET AL  
PATENT

#52606

FILED & RECORDED  
JULY 15th, 1953  
LLOYD D. BURNS  
DY CLK & EX OFF DY RECORDER  
REC:LBH

THE UNITED STATES OF AMERICA,

To all to whom these presents shall come, Greeting:

KNOW YE, That in pursuance of the Act of Congress, entitled "An act to raise for a limited time an additional military force, and for other purposes," approved February 11th, 1847, Aquilla W. Barber, late a sargeant in Captain Reynolds Company, Second Regiment Ohio Volunteers, having deposited in the GENERAL LAND OFFICE a WARRANT in his favor, numbered 7,309

There is therefore Granted by the United States, unto Allen R. Wright and Samuel Van Bibber, Assignees of said Aquilla W. Barber, and to their heirs, the South East quarter of Section Twenty three, in Township Seventeen, of Range Fourteen, in the District of Lands subject to sale at Natchitoches, Louisiana, containing one hundred and fifty-eight acres and seventy one hundredths of an acre.

according to the official plat of the Survey of the said Land returned to the GENERAL LAND OFFICE by the SURVEYOR GENERAL, which said tract has been located in satisfaction of the above mentioned Warrant, in pursuance of the Act of Congress above mentioned, approved February 11th, 1847, TO HAVE AND TO HOLD the said Quarter section of land, with the appurtenances thereof, unto the said Allen R. Wright and Samuel Van Bibber, and to their heirs and assigns forever, as tenants in common, and not as joint tenants.

IN TESTIMONY WHEREOF, I, Millard Fillmore, PRESIDENT OF THE UNITED STATES OF AMERICA, have caused these Letters to be made Patent, and the Seal of the General Land Office to be hereunto affixed.

Given under my hand, at the City of Washington, the Tenth day of March, in the year of our Lord one thousand eight hundred and fifty one, and of the Independence of the United States the Seventy-ninth.

BY THE PRESIDENT - Millard Fillmore;  
By Alex. McCormick Asst Secy.  
E. S. Terry, Recorder of the General Land Office.



Thus done and passed in the parish of Orleans, State of Louisiana, on the day and date first hereinabove written, and in the presence of Carol O'Neil and Betty Anguzza, competent witnesses, who have hereunto subscribed their names as such, together with said appearer and me, said authority, after due reading.

## WITNESSES:

Carol O'Neil  
Betty Anguzza

Harry X. Bay

Roger J. Keller  
Notary Public in and for the Parish of Orleans,  
State of Louisiana.  
My commission is issued for life

STATE OF LOUISIANA  
PARISH OF CADDO

BE IT KNOWN, that on this 10th day of April 1956, before me, the undersigned authority, and in the presence of the witnesses herein after named and undersigned, personally came and appeared James M. Simmons Attorney in fact of GULF NATURAL GAS CORPORATION to me well known, and known to be such Attorney in fact of GULF NATURAL GAS CORPORATION and executed the foregoing instrument, and thereupon the said JAMES M. SIMMONS, as such Attorney in fact, acknowledged that he had signed and executed the same as his act and deed, and as the act and deed of the said corporation for the consideration uses and purposes and on the terms and conditions therein mentioned and in his said capacity.

And the said James M. Simmons being by me first duly sworn, did depose and say that he is the Attorney in fact of GULF NATURAL GAS CORPORATION and that he had signed and executed said instrument in his capacity, and under authority of the Board of Directors of said corporation.

Thus done and passed in the Parish of Caddo, State of Louisiana, on the day and date first hereinabove written, and in the presence of K. B. Jones, and Violet Player competent witnesses, who have hereunto subscribed their names as such, together with said appearer and me, said authority, after due reading.

James M. Simmons

Witnesses:  
K. B. Jones  
Violet Player

Hazen W. Cole  
Notary Public in and for the Parish of  
Caddo, State of Louisiana  
My commission expires at death.

-----  
#128276

DR. CLARENCE H. WEBB ET AL  
TO  
CADDO LEVEE DISTRICT AND THE  
LOUISIANA DEPARTMENT OF PUBLIC WORKS  
DRAINAGE RIGHT OF WAY

Filed & Recorded  
April 23 1956  
W.E.NESOM  
DY CLK & EX OFF DY RECORDER  
REC:LBH

OLD RIVER-SAND BEACH BAYOU-LATERAL C-6

STATE OF LOUISIANA  
PARISH OF CADDO

Whereas the Board of Commissioners of Caddo Levee District and the Louisiana Department of Public Works have determined upon a project for the improvement of drainage by the building or digging of what is known, or will be known, as the Old River-Sand Beach Bayou-Lateral C-6



Drainage Channel in Townships 16 and 17 North, Range 13 West, Caddo Parish, Louisiana, following the approximate course shown in red upon the attached map, we, the undersigned, being the owners, lessees, or occupants of certain lands adjacent to or traversed by said drainage project, and having been requested by the Caddo Levee Board to grant a drainage easement through our properties, do hereby grant unto Caddo Levee District as easement on or through our said respective properties adjacent to or traversed by said project for the restricted purpose of dredging and maintaining the channel thereof, the removal of all obstructions therein, and the piling or spreading of all dirt, upon the following terms and conditions:

1. The work to dredge or deepen said channels shall begin at the South or lower end of the project and proceed Northward to the upper end of the project.

2. The work shall be done upon the supervision of the Louisiana Department of Public Works in accordance with the plans and specifications furnished us by the Louisiana Department of Public Works following roughly the course shown in red upon the attached map.

3. Upon the completion of said project the Levee Board shall retain a 60 foot right-of-way on the Westerly side of Lateral C-6 from point "A" at its lower end to point "B" at its upper end, and upon the stretch of Sand Beach Bayou from Point "B" to its junction with Old River at point "C". A similar 60 foot right-of-way on the Westerly side of Sand Beach Bayou shall be retained from the lower end of Lateral C-6 (point "A") to a point approximately 3/4 mile North or up-stream from the confluence of Sand Beach Bayou and Bayou Pierre. From this point down stream to the confluence of Bayou Pierre a 60 foot right-of-way shall be retained on the Westerly side of Sand Beach Bayou. This 60 foot right-of-way roughly sketched in blue upon the attached map is retained for future dredging. Additional right-of-ways along Old River and along other portions of Sand Beach Bayou have been, or will be, handled by other agreements.

4. All underbrush removed in the prosecution of the work contemplated hereunder shall be burned by grantee at such places and in such manner as will not hurt grantor's land or hinder its cultivation.

5. Grantee at its expense will replace or repair any fences on the land of either grantor, which are destroyed or damaged in the course of the work herein contemplated.

6. Neither the Caddo Levee District nor the Louisiana Department of Public Works is obligated to build or maintain any crossings or bridges across said project, but such crossings or bridges can be constructed by the respective property owners at their own costs, risks and expense, provided they shall not in any way interfere with the flow of water in the channel of said project.

7. The Caddo Levee District is to spread the spoil dirt to not more than two feet above present grade.

This easement is granted in consideration of the benefits to be derived by each of us and our lands from this project and settlement in full with each of us for the damages and loss suffered, the receipt of which is hereby acknowledged. In addition Caddo Levee District will take care of any damage to the crops, take care of any damage to the pecan trees, and replace the bridge.

This agreement may be executed jointly or severally and in as many counterparts as may be convenient by the divers parties concerned.

Thus done and signed this 12 day of April 1956.

WITNESSES:

Geony I. Whitmore  
Meyor Armor  
Daniel O. Magnussen Jr.

Robert L. Webb  
Colonel Infantry  
Dr. Clarence H. Webb  
Mrs. Doris Webb Elgin  
F.C. Webb (Deceased)  
By F.F. Webb Jr.  
F.F. Webb Jr.

(Map attached to Sklar & Crow Agreement)



535464

M. C. X

535464

RIGHT OF WAY AGREEMENT

STATE OF LOUISIANA

PARISH OF CADDO

FILED & RECORDED  
CADDO PARISH LA.

JUN 11 11 25 AM '71

*Mary M. Bay*  
DEPUTY CLERK & RECORDER

KNOW ALL MEN BY THESE PRESENTS: That the undersigned, hereinafter called GRANTOR (whether one or more) in consideration of Ten and No/100 Dollars (\$10.00) and other good and valuable considerations, in hand paid, receipt of which is hereby acknowledged, does hereby grant and convey unto FALCO, INC., a Louisiana corporation, whose mailing address is P. O. Box 108, Shreveport, Louisiana, its successors and assigns, hereinafter called GRANTEE, a servitude or right of way for the purpose of constructing, maintaining, operating, patrolling, altering, repairing, renewing and removing in whole or in part a pipe line for the transportation of crude petroleum, its products, and derivatives, gases or substances which can be transported through a pipe line, together with the necessary fixtures, equipment and appurtenances across the following described land situated in said State and Parish, to-wit:

All that part of the following described land located in Sections 11 and 14, Township 16 North, Range 13 West, lying South of Texas & Pacific Railway Company right of way: Those certain lands in Caddo Parish, Louisiana, fronting on Red River, near Lucas, presently known as Levy Plantation, more fully described as Lot 15 of the Daniels Lands in Section 10, and Lots 2 and 6 of Daniels Lands, and all that part of Lot 5 of the Daniels Lands East of Bayou Pierre, all in Section Fourteen (14), and a tract fronting one mile on Red River, and located in Sections 10, 11, 13, 14 and 15 said tract having been formerly known as the Norris Tract, and forming a part now of the Levy Plantation, and being the same property, less such part thereof as has gone into Red River, acquired by Morris Levy of date August 8, 1863, as per deed in Conveyance Book "O" page 497, of the Records of Caddo Parish, Louisiana, less Right of Way to T & P Railway, and less the Highway adjacent thereto. All of the above described property being situated in Township 16 North, Range 13 West, Caddo Parish, La. Being a portion of that land as described in Book 652 page 413 of Records of Caddo Parish, La.

together with the right of ingress and egress to and from said right of way over and across said lands and adjacent land of GRANTOR for any and all purposes here in granted, with the right to maintain the right of way clear of trees, undergrowth, brush and other obstructions, except usual farm crops, so as to prevent damage or interference with the efficient operation and patrol of the pipe line constructed under this grant.

GRANTEE, its successors and assigns, are hereby expressly given and granted the right to assign this right of way, or any part thereof, or interest herein, and the same shall be divisible among two or more owners, as to any right or rights created hereunder.

The right of way herein granted and conveyed shall be located approximately parallel and at a distance of not more than twenty-five (25) feet from the center of the pipe line constructed by Interstate Oil Pipe Line Company, now owned by Humble Pipe Line Company, which said pipe line is shown on plat, marked Exhibit "A", attached hereto and made a part hereof.

The pipe line constructed under the agreement shall be buried so it will not interfere with cultivation, and GRANTEE shall pay for all damage to crops, fences, timber, livestock and improvements which may be caused by the constructing, repairing or removing said line, which payment shall be made after completion of the work; said damage, if not mutually agreed upon, to be ascertained and determined by three disinterested parties, one thereof to be appointed by the said GRANTOR, one by the said GRANTEE, and the third by the two so appointed, and the written award of such three appointed parties, or any two of them, shall be final and conclusive.

GRANTOR reserves the right to the full use and enjoyment of said premises except as the same may be necessary for the purposes herein granted; provided that GRANTOR shall not erect over said pipe line of GRANTEE any improvements, lake or ponds of a nature such as to interfere with the rights hereby granted.

GRANTEE has the right to construct only one pipe line.

Nothing herein shall be construed as a conveyance of any part of the mineral rights underlying the above described property and the servitude granted herein is subject to any valid and duly recorded oil, gas and mineral lease.

In the event the pipe line owned by Humble Pipe Line Company described on attached Exhibit "A" is abandoned or removed, then in that event, Grantee agrees, if requested in writing to do so by Grantor, to move its pipe line to another location on property of Grantor. In the event Grantor requests Grantee to move its pipe line, Grantor agrees to provide a suitable right of way for Grantee's pipe line at a location which will cause minimum inconvenience to Grantor in the development of their property and a minimum inconvenience and expense to Grantee in the relocation of its pipe line.



This agreement may be signed in counterpart, and shall be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.

WITNESS THE EXECUTION HEREOF this 31st day of MARCH, 1971.

WITNESSES:

Byrd J. Tompkins

Mrs. R. D. Campbell

Byrd J. Tompkins

Janice H. Burt

Byrd J. Tompkins

Janice H. Burt

Thomas M. Elgin

Byrd J. Tompkins

Thomas M. Elgin

Byrd J. Tompkins

Byrd J. Tompkins

Frederic F. Webb

Byrd J. Tompkins

Janice H. Burt

\_\_\_\_\_

\_\_\_\_\_

Clarence H. Webb  
Clarence H. Webb

Robert L. Webb  
Robert L. Webb

Mrs. Lloyd Webb Diamond  
Mrs. Lloyd Webb Diamond

Mrs. Doris Yearwood Elgin  
Mrs. Doris Yearwood Elgin

Mrs. Ruth Elgin Nordyke  
Ruth Elgin Nordyke

John Creighton Webb, Jr.  
John Creighton Webb, Jr.

Mrs. Lucille Webb Day  
Mrs. Lucille Webb Day

Mrs. Azalie Webb Crain

WITNESSES:

\_\_\_\_\_

\_\_\_\_\_

*J. C. Webb*  
*Royal S. Jammiton*

*Nelwyn P. Webb*  
*Royal S. Jammiton*

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*Royal S. Jammiton*  
*Alvin F. Be*

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mrs. Helen Webb Cooley

*Frederick F. Webb III*  
Frederick F. Webb III

*Reuben W. Webb*  
Reuben W. Webb

John L. Webb

Mrs. Martha Lowe Webb Wann

*Sherwood Bruce Loe*  
Sherwood Bruce Loe as  
Natural Tutor of the Minors  
Mattie Lou Loe, Mae Catherine  
Loe and Sherwood Bruce Loe, JR.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

STATE OF LOUISIANA

PARISH OF BOSSIER

BEFORE ME, the undersigned authority, this day personally appeared BYRD HAMILTON to me personally known to be the identical person whose name is subscribed to the foregoing instrument as an attesting witness, who being first duly sworn on his oath, says: That he subscribed his name to the foregoing instrument as a witness, and that he knows Clarence H. Webb, Robert L. Webb, Mrs. Lloyd Webb Diamond, Mrs. Doris Yearwood Elgin, Ruth Elgin Nordyke, John Creighton Webb, Jr., Mrs. Lucille Webb Day, Frederick F. Webb III, Reuben W. Webb and Sherwood Bruce Loe

the Grantor named in said instrument, to be the identical person described therein, and who executed the same, and saw them sign the same as their voluntary act and deed, and that he, the said BYRD HAMILTON subscribed his name to the same at the same time as an attesting witness.

Sworn to and subscribed before me, this 5th day of April, 1971



Clarence J. Simonson  
Notary Public in and for  
Bossier Parish, Louisiana

~~STATE OF LOUISIANA~~

~~PARISH OF \_\_\_\_\_~~

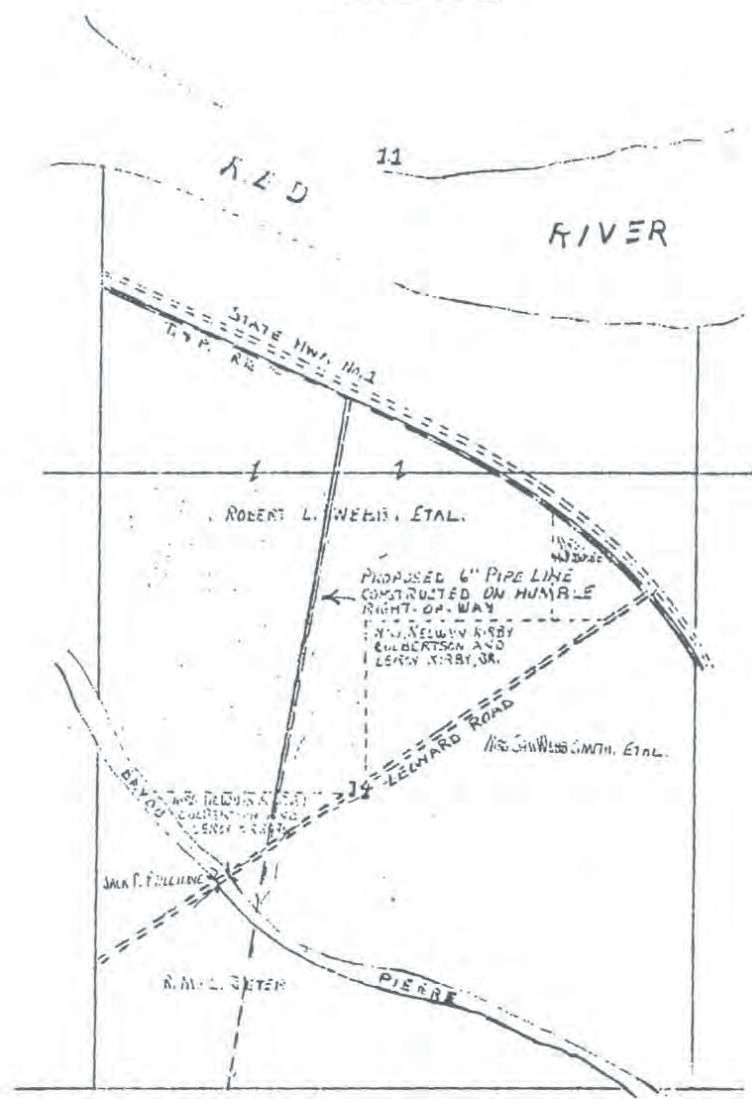
~~BEFORE ME, the undersigned authority, a Notary Public, personally came and appeared \_\_\_\_\_~~

~~to me, known to be the person who executed the foregoing instrument and who declared and acknowledged that he executed the same as free act and deed.~~

~~WITNESS my hand and seal of office on this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.~~

~~Notary Public in and for  
\_\_\_\_\_ Parish, Louisiana~~

EXHIBIT "A"



T. 16 N. R. 13 W.  
CADDO PARISH, LA.

*Record*

NOT DRAWN TO SCALE



AN AGREEMENT

STATE OF LOUISIANA,  
PARISH OF CADDO.

801767

M.C. X

BE IT KNOWN that JOHN CREIGHTON WEBB, JR. et al

Tract #5, Partition Reg. #793201

801767

owner(s) of the property hereinafter described, hereby grant(s), convey(s) and transfer(s) to the City of Shreveport, the right to completely install

A 36" Sanitary Sewer Force Main  
on the property hereafter described as:

A 15 ft. wide permanent easement lying within a tract of land in Section 10, T16N R13W, Caddo Parish, Louisiana, as shown on the attached plat;

Also a 30 ft. wide temporary construction easement on both sides the above described permanent easement.

FILED & RECORDED  
CADDOPARISH, LA.  
JUL 19 2 46 PM '79  
DEPUTY CLERK

The location of this installation is further shown on the drawings attached hereto and which are made a part of this Agreement. All of the work is to be done under the supervision of the Superintendent of the Department of Water Utilities or authorized engineers of the City of Shreveport.

Be it further provided that the authorized personnel of the City of Shreveport and/or its contractors shall have the right to enter the above described property at anytime for the purpose of making repairs, alterations, and tests necessary in connection with the operation of this line.

The City of Shreveport agrees to be responsible for the restoration of all excavations or alterations necessary in the prosecution of this work and to replace the ground surface, as far as it is practicable, to its original condition. The City of Shreveport further agrees to indemnify the property owner(s) of the described property and any subsequent property owner(s) from all claims resulting from injuries to persons or damages caused to existing improvements or to improvements subsequently placed on the property, or for damages to the property itself connected with the right herein conferred. Nothing contained herein shall be construed to mean that the City is to be held responsible for a depreciation in value of the described property occasioned by the existence of the water or sanitary sewer main or easement on or through the property.

This Agreement made and entered into this 12<sup>th</sup> day of June 1979

WITNESSES:

Frank P. [Signature]

John Creighton Webb, Jr.  
John Creighton Webb, Jr.

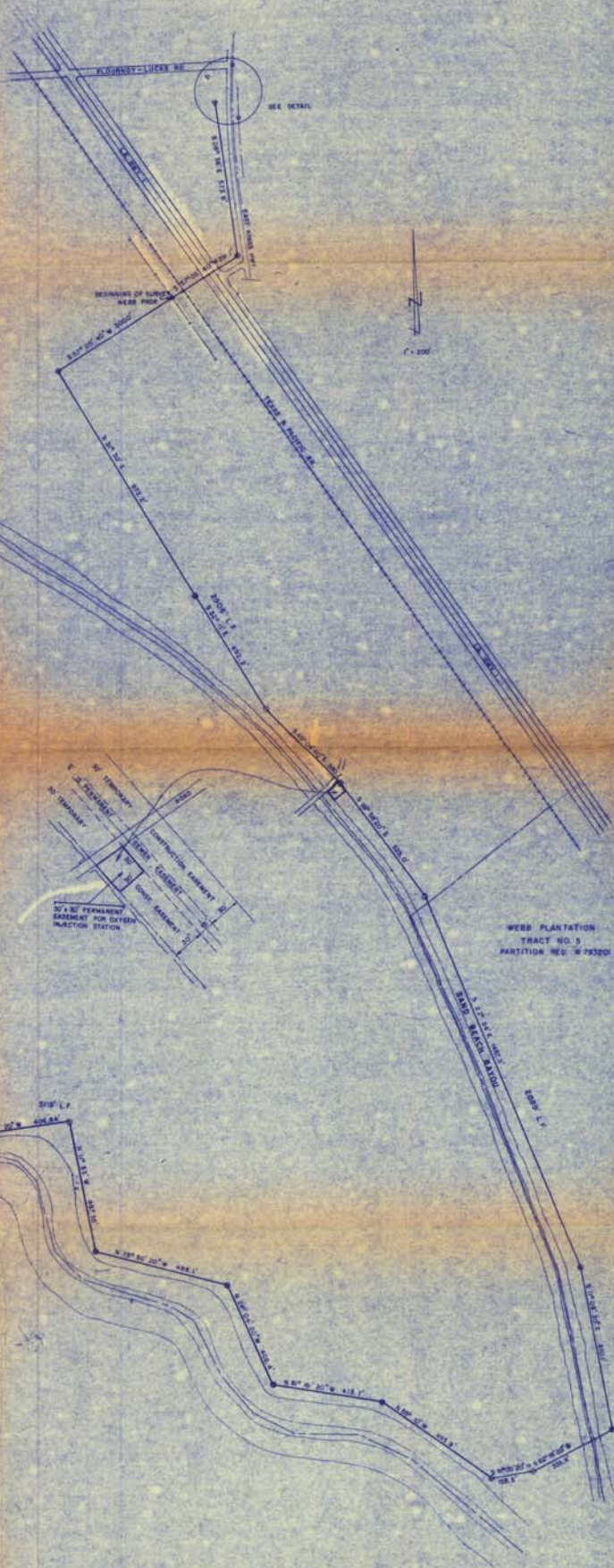
Thomas E. [Signature]

CITY OF SHREVEPORT:  
[Signature]  
Mayor



64' L.P. ON THE EAST BOUNDARY OF EAST KING HWY. BEING THE NORTHWEST CORNER OF THE ROBERT S. COOPER SURVEY OF A TRACT OF LAND IN SECTIONS 3 & 10, T. 4 N., R. 12 W., CONVEYED TO THE CITY OF SHREVEPORT, LOUISIANA BY CLYDE W. LIGHTFOOT AS RECORDED IN CONVEYANCE BOOK 801, PAGE 340 "CL" ZADDO PARISH, LOUISIANA.

BRASS CAP E.O.P. LEVEL



10'	20'	30'	40'	50'	60'	70'	80'	90'	100'
TYPICAL EASEMENT									

TYPICAL EASEMENT

WEBB PLANTATION  
TRACT NO. 4  
PARTITION REG. W. 793201

WEBB PLANTATION  
TRACT NO. 5  
PARTITION REG. W. 793202

**MALLACE FORCE MAIN EASEMENT SURVEY THROUGH THE WEBB PLANTATION**

The following description is the centerline of a 16 ft. w/o permanent easement for a 36" sewer force main owned and operated by the City of Shreveport, Louisiana.

Beginning at a point in the West right-of-way of Texas & Pacific Railroad; said point being South 38° 40' 16" East 1099.50 feet from a point where the centerline of Furning-Lucas Road intersects the West right-of-way line of Texas & Pacific Railroad, described in Instrument No. 752051, Caddo Parish, Louisiana; thence South 57° 04' 40" West, a distance of 500.9 feet; thence South 31° 30' East a distance of 373.3 feet; thence South 22° 11' East a distance of 402.2 feet; thence South 40° 04' 30" East a distance of 395.2 feet; thence South 38° 58' 20" East a distance of 525.0 feet; thence South 22° 54' East a distance of 1,487.3 feet; thence South 11° 04' 20" East a distance of 276.1 feet; thence South 08° 14' 20" West a distance of 335.8 feet; thence South 01° 05' 20" West a distance of 350.3 feet; thence North 35° 10' West a distance of 493.9 feet; thence North 01° 15' 20" West a distance of 413.7 feet; thence North 04° 04' 20" West a distance of 400.4 feet; thence North 71° 30' 20" West a distance of 480.1 feet; thence North 11° 33' West a distance of 637.55 feet; thence South 01° 53' 20" West a distance of 400.34 feet; thence South 78° 04' 00" West a distance of 1,199.42 feet; thence North 03° 31' 20" West a distance of 797.0 feet to the end of survey.



C 3042

1472170

RIGHT-OF-WAY AGREEMENT

RECORDED  
CADDOPARISH, LA  
MAY 16 1 06 PM '95  
W. J. ...  
COPY, CLEAR & REORDER

STATE OF LOUISIANA

PARISH OF CADDO

KNOW ALL MEN BY THESE PRESENTS that:

JOHN CREIGHTON WEBB, JR., husband of Marianne W. Webb, and a resident of Caddo Parish, Louisiana, whose mailing address is 1372 Leonard Road, Shreveport, Louisiana 71115, owning an undivided interest in the property herein.

HELEN WEBB COOLEY, a widow, and a resident of Nueces County, Texas, whose mailing address is 4634 Quincy, Corpus Christi, Texas 78411, owning an undivided interest in the property herein.

AZALIE WEBB CRAIN, wife of George L. Crain, Sr., and a resident of Lafayette Parish, Louisiana, whose mailing address is 106 Canterbury Road, Lafayette, Louisiana, 70501, owning an undivided interest in the property herein.

AZALIE CRAIN HOLLAND, wife of Lawrence William Holland, and a resident of Harris County, Texas, whose mailing address is 2345 Bering Drive, Apt. 746, Houston, Texas 77057, owning an undivided interest in the property herein.

GEORGE CRAIN JR., divorced from Jamie Owen Crain, and a resident of Lafayette Parish, Louisiana, whose mailing address is 625 Rose Lawn Boulevard, Lafayette, Louisiana 70503, owning an undivided interest in the property herein.

LUCILLE WEBB DAY, wife of Phillip George Day, Sr., and a resident of Caddo Parish, Louisiana, whose mailing address is 237 Pennsylvania, Shreveport, Louisiana 71105, owning an undivided interest in the property herein.

ANDREW WEBB DAY, husband of Brigitte M. Day, and a resident of Harris County, Texas, whose mailing address is 7334 Wovenwood Lane, Houston, Texas 77041, owning an undivided interest in the property herein.

JOHN WOODS DAY, divorced from Rosemary Estes Day, and a resident of Walker County, Texas, whose mailing address is 3349 Pine Grove, Huntsville, Texas 77340, owning an undivided interest in the property herein.

PHILLIP GEORGE DAY, JR., husband of Rose Hubleby Day, and a resident of Humble County, Texas, whose mailing address is 4018 Brookshadow Drive, Kingswood, Texas 77345, owning an undivided interest in the property herein.

hereinafter called "GRANTOR", for and in consideration of the sum of Ten and No/100 Dollars and other valuable considerations (\$10.00 & OVC), cash in hand paid, the receipt of which is hereby acknowledged, does hereby grant, sell, and convey unto:

CADDO-BOSSIER PARISHES PORT COMMISSION,

hereinafter referred to as "GRANTEE", its successor and assigns, the right to lay, construct, maintain, inspect, repair, operate, remove, replace, or abandon one (1) - 18" or less, sanitary sewerage pipeline, one (1) - 30" or less, potable water pipeline, and one (1) - 10" or less, natural gas (methane) pipeline for the transportation of potable water and sanitary sewerage and natural gas (methane), which can be transported through the pipelines, under and across a certain tract of land situated in Caddo Parish, Louisiana, to-wit:

1472170



TRACT P-10:

A certain parcel of land required for permanent utility servitude, located in Section 14, Township 16 North, Range 13 West, Caddo Parish, Louisiana, and being further described as a portion of Tax Assessor's GEO Number 161310-001-0004 and being more particularly described as follows:

Beginning at the most northeasterly corner of Vendor's property, said point being on the southerly line of the Texas and Pacific Railroad; run thence South 00° 36' 57" West a distance of 63.25 feet; run thence North 51° 21' 54" West a distance of 41.39 feet; run thence North 56° 33' 11" West a distance of 392.20 feet; run thence 61° 01' 24" West a distance of 91.45 feet; run thence North 89° North 41' 24" East a distance of 104.23 feet to the south right of way line of the Texas and Pacific Railroad; run thence along said right of way line in a southeasterly direction a distance of 403.10 feet to the point of beginning, containing 0.53 acres, more or less.

TRACT P-12:

A certain parcel of land required for permanent utility servitude, located in Section 10, Township 16 North, Range 13 West, Caddo Parish, Louisiana, and being further described as a portion of Tax Assessor's GEO Number 161310-001-0004 and being more particularly described as follows:

Beginning at the most northwesterly corner of Vendor's property, said point being on the southerly line of the Texas and Pacific Railroad; Run thence along said southerly line the following courses and distances: South 36° 48' 26" East a distance of 1,041.86 feet; South 37° 42' 41" East a distance of 710.50 feet to the point of curvature of a curve to the left, said curve having a radius of 1,860.00 feet; Run thence along said curve and southerly line a distance of 930.44 feet; South 58° 17' 40" East a distance of 153.37 feet; South 61° 06' 38" East a distance of 206.95 feet; South 64° 20' 13" East a distance of 533.67 feet; South 25° 46' 37" West a distance of 25.00 feet; South 64° 43' 38" East a distance of 1,300.03 feet; North 25° 46' 56" East a distance of 25.00 feet and South 64° 42' 23" East a distance of 2,066.01 feet to Vendor's southerly property line; Thence leaving said southerly railroad right of way line run South 54° 24' 04" West along Vendor's southerly property line a distance of 56.45 feet; Run thence North 64° 42' 07" West a distance of 1,582.99 feet; Run thence North 64° 48' 27" West a distance of 405.99 feet; Run thence South 25° 46' 56" West a distance of 25.00 feet; Run thence North 64° 43' 44" West a distance of 1,400.03 feet; Run thence North 25° 46' 37" East a distance of 25.00 feet; Run thence North 64° 41' 50" West a distance of 375.96 feet; Run thence North 62° 55' 04" West a distance of 109.68 feet; Run thence North 61° 06' 38" West a distance of 208.97 feet; Run thence North 58° 17' 40" West a distance of 151.10 feet to the point of curvature of a curve to the right, said curve having a radius of 1,910 feet; Run thence along said curve a distance of 951.90 feet; Run thence North 37° 42' 05" West a distance of 711.09 feet; Run thence North 36° 47' 48" West a distance of 1,042.09 feet; Run thence North 53° 14' 28" East a distance of 50.00 feet to the point of beginning, containing 8.00 acres, more or less.

The right-of-way herein granted shall have such dimensions and shall be located as shown on the drawing marked Exhibit "B", attached hereto and made a part hereof.

Grantor further grants and conveys unto Grantee the full and unrestricted right of ingress and egress on, over, across and through the above-described right-of-way for all purposes necessary or incidental to the exercise of all rights herein granted, but except for emergency repairs, said ingress and egress shall be strictly limited to the right of way hereinabove described.



It is hereby understood that the above consideration includes full payment, settlement and satisfaction for all detriment and damages to grantor of whatever nature and character, including actual damages to growing crops, which may occur upon the construction right-of-way, as a result of or incident to, or in connection with the construction of the pipelines, but does not include off right-of-way damages.

Grantor reserves the right to use and enjoy the above described land except as may be necessary for the purposes herein granted, provided Grantor shall not interfere with nor obstruct Grantee in the exercise of its rights hereunder, and shall not construct nor permit to be constructed any house, structure, reservoir or other obstruction or excavation and shall not substantially change the cover over the pipeline on, over or within the permanent right-of-way and easement.

Grantee agrees to restore the right-of-way to its former condition as nearly as practicable.

Grantee shall have the right to clear, and keep cleared, all trees, undergrowth and other obstructions from the right-of-way, and after the pipelines have been installed, Grantee shall not be liable for damages for clearing trees and undergrowth from the right-of-way.

Grantor grants no warranty of title and no recourse, even as to the return of the amounts paid herewith for the right-of-way purchased and crop damages.

Grantee agrees that before severing or cutting fences of Grantor at each point where same are to be severed or cut, it will staunchly crossbrace the top panels, the one immediately on either side of the point of said fence or fences. Grantee also agrees that such fences as have been cut will be closed at all times except when construction work necessitates an opening therein.

Grantee further agrees that during construction it shall install culverts where necessary for passage of water or for irrigation and/or drainage when such culverts have been made necessary by the operations of Grantee, all at Grantee's cost and expense.

Any private road or roads or headlands of Grantor which are cut by Grantee shall be made available for passage as soon as possible and shall be compacted to 95 modified proctor to a distance 25' either side of and including the existing road.

Grantee further agrees that it shall be responsible for all damages, whether personal injuries, property damages, or crop damages (excluding damages to crops on right of way which have already been compensated therefor), which may occur as a result of Grantee's action or negligence, including strict liability, during its construction, operation, repair or removal of the pipelines contemplated herein, and to hold Grantor harmless from all said suits, claims or expenses, including attorney's fees in connection therewith, and whether such damages be sustained during or after construction of said pipelines. In addition, Grantee agrees to hold Grantor harmless from any and all demands, claims, causes of action or expenses, including attorney's fees which may occur as a result of Grantee's actions or negligence during its construction, operation, repair or removal of said pipelines, in connection with Statewide Order 29-B of the Office of Conservation, Department of Natural Resources, State of Louisiana; the Louisiana Environmental Quality Act; the Louisiana Abandoned Oilfield Waste Site Law; the Comprehensive Environmental Response, Compensation and Recovery Act; the Superfund Amendments and Reauthorization Act of 1986; the Toxic Substance Control Act; if applicable, and/or any other federal, state or local law, ordinance, rule, regulation, order, decree, penalty or requirement concerning, affecting, regulating or involving hazardous, toxic or harmful substances or the environment.



Grantee agrees and guarantees to hold Grantor harmless from any loss, damage or expense including attorney's fees occasioned to others or the property of others by or because of the construction of the pipelines or the use of the rights herein granted.

TO HAVE AND TO HOLD unto Grantee, its successors and assigns, so long as the rights and easements herein granted or any of them shall be used by or be useful to Grantee for the purposes herein granted with ingress and egress on the right-of-way for the purpose of construction, inspecting, repairing, maintaining, and replacing the property of Grantee herein described and the removal of same at will, in whole or in part.

This grant of right-of-way is limited to three pipelines, one of no greater size than one (1) - 18" sanitary sewer, one (1) - 30" potable water, and one (1) - 10" natural gas (methane).

Grantee hereby agrees to bury the pipeline to a depth of not less than sixty (60") inches, that is, the top of the pipeline in question will not be less than sixty (60") inches below the surface of the ground, so as not to interfere with the cultivation of the soil, and to a depth of not less than eight (8') feet below the bottom of any major canal, or ditches crossed by said pipelines and shall maintain said depth for the life of this agreement. Any and all ditches, canals, roads, etc, that are crossed by Grantee shall be returned to as near their former condition as possible as soon as practicable upon completion of said pipelines.

It is clearly understood between the parties hereto that the servitude herein granted is for the construction and maintenance of three pipelines, and no above-ground appurtenances except as indicated on the attached plats, provided however that the man holes for the water valves indicated on the attached plat shall be at grade and except pipeline markers and vent pipes, and these shall be placed only on exterior boundary lines and at road crossings.

Grantee hereby agrees that all trenches which are excavated shall be refilled as soon as possible. After refilling the trenches, they should be firmly tamped, packed and leveled. In the event settling occurs an ruts, trenches, or other indentations occur within twelve (12) months of the termination of construction, Grantee agrees to restore the area promptly to the proper level if so requested by Grantor. Grantee further agrees that any levees or other embankments which are cut shall be refilled, firmly tamped, packed and leveled.

Grantee agrees that all roads, headlands, bridges, drainage ditches and canals, fences and other improvements which may be disturbed by the construction or maintenance of said pipelines shall be restored to as near their original condition as possible as soon as practicable under prevailing circumstances.

Grantor shall have the right to place along, across and over said right-of-way and easement as many roads, streets, sidewalks, passageways, electric light and power lines, water lines, sewer lines, and telephone lines, and any and all other utilities as said Grantor may desire. However, that if the same is placed along, as distinguished from across said easement, they shall not be placed within ten (10') feet of pipelines of Grantee.

During construction Grantee shall construct at its expense, where necessary, vehicular crossings over and across the right-of-way for Grantor's use in crossing from one side of the right-of-way to the other with farm implements and machinery such as tractors, combines, cotton pickers, trucks, discs, etc.

In the construction, maintenance and operation of the pipeline, Grantee agrees to comply with all regulations, including environmental, and directives of state and federal agencies having authority in the premises.

Grantee expressly agrees that following construction, and for a period of two (2) years, should any of Grantor's farm equipment or machinery become bogged down or be damaged, or both, while traversing the right-of-way then Grantee shall cooperate to the



fullest extent with Grantor in remedying the situation and/or repairing the damage or both.

The right-of-way herein granted is subject to any existing mineral or agricultural leases, pipeline rights-of-way, electric line rights-of-way or other existing servitude. Grantee shall be responsible for any and all changes caused to any mineral or agricultural lease(s).

It is further expressly understood and agreed between the parties hereto that the right-of-way herein granted is solely for the purpose set out in this instrument and is not a conveyance of the fee title and it is further expressly understood and agreed that title to the lands described hereinabove will remain vested in Grantor, its successors or assigns, and the exercise of this servitude will in no way cause prescription against Grantor's ownership of the property.

This agreement may be executed in any number of counterparts with the same force and effect as if there were only one single instrument. If counterparts of this agreement are executed, the signature and acknowledgements of the parties as affixed thereto may be combined in and treated and given effect for all purposes as a single instrument.

**TO HAVE AND TO HOLD** unto Grantee, its successors, or assigns, until abandonment of the pipelines to be constructed on the right-of-way herein granted.

The right of way herein granted shall not be sold, assigned, donated or transferred without the prior written consent of the Grantor, such consent may not be unreasonably withheld. The Grantor agrees that the water and sewerage pipelines may be assigned or donated to the City of Shreveport.

IN TESTIMONY WHEREOF, Grantor has executed this grant of right-of-way in the presence of the undersigned competent witnesses, at Shreveport, Caddo Parish, Louisiana, on this 11 day of May, 1995.

WITNESSES:

[Signature]

[Signature]

[Signature]

[Signature]

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

CADDO - BOSSIER PARISHES PORT COMMISSION

By: [Signature]

Date: 5-11-95

[Signature]

JOHN CREIGHTON WEBB, JR., Grantor

Date: 5-4-95

HELEN WEBB COOLEY, Grantor

Date: \_\_\_\_\_

AZALIE WEBB CRAIN, Grantor

Date: \_\_\_\_\_

AZALIE CRAIN HOLLAND, Grantor

Date: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
GEORGE CRAIN, JR., Grantor  
Date: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
LUCILLE WEBB DAY, Grantor  
Date: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
ANDREW WEBB DAY, Grantor  
Date: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
JOHN WOODS DAY, Grantor  
Date: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
PHILLIP GEORGE DAY, JR., Grantor  
Date: \_\_\_\_\_

STATE OF Louisiana

PARISH/COUNTY OF Caddo

BE IT KNOWN: That on this the 11 day of May, 1995, before me, the undersigned Notary Public duly commissioned and qualified according to law and holding office and acting in and for the above named ~~Parish/County~~ and State, personally came and appeared Richard A. Nance to me well known, who, being first ~~duly~~ sworn, deposed and said on oath: That affiant is one of the attesting witnesses to the signature(s) of W) Ben Helm named in the above and foregoing instrument; that the said parties signed same as their own true and voluntary act on the day and date therein mentioned, in the presence of the witnesses therein named and for the purposes and considerations therein set forth and expressed; and that the signatures of said parties, of affiant and of the other attesting witness are true and genuine.

[Signature]  
Richard A. Nance

Sworn to and subscribed before me on the day and date first above written.

Notary Public in and for Caddo  
Parish/County, State of Louisiana

My Commission is for life



SCALE: 1" = 200'  
10/12/94



50' UTILITY  
SERVITUDE

(P-12)

JOHN CREIGHTON  
WEBB, JR. ETAL.

N64°42'27"W - 1582.99'

TEXAS & PACIFIC RAILROAD

LA. HWY. NO. 1

JOHN CREIGHTON WEBB, JR.  
ETAL.

CHARLES  
LEONARD  
EGAN, ETAL.

N54°23'44"W  
56.45'

N61°01'24"W  
91.45'

50' UTILITY  
SERVITUDE

N89°41'24"E  
104.23'

SEWER F.M. YEAR

JOHN CREIGHTON  
WEBB, JR. ETAL.

(P-10)

N56°37'11"W  
392.20'

POINT OF BEGINNING

BERVAL GILLEAN  
&  
LILLIAN GILLEAN

N51°21'54"W  
41.38'

S00°36'57"W  
63.25'

**UTILITY SERVITUDE**

FOR  
CADDO-BOSSIER  
PORT COMMISSION  
LOCATED IN SECTION 14  
T16N-R13W, CADDO  
PARISH, LOUISIANA



JOHN CREIGHTON WEBB, JR. ETAL.

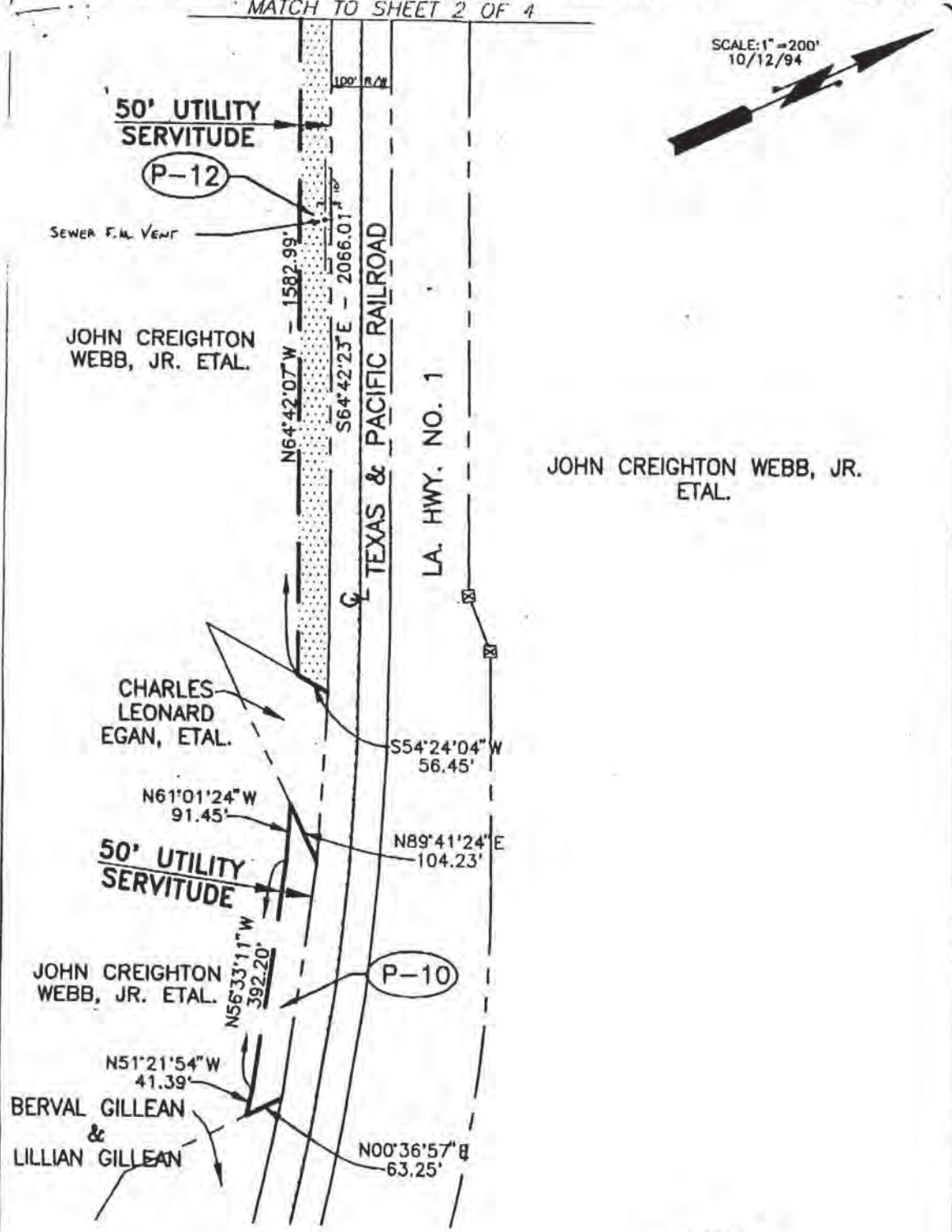
PARCEL NO: P-10

REQUIRED PERMANENT UTILITY SERVITUDE: 0.53 ACRE

*Charles*

MATCH TO SHEET 2 OF 4

SCALE: 1" = 200'  
10/12/94



**UTILITY SERVITUDE**

FOR  
CADDO-BOSSIER  
PORT COMMISSION  
LOCATED IN SECTION 10  
T16N-R13W, CADDO  
PARISH, LOUISIANA

JOHN CREIGHTON WEBB, JR. ETAL.  
PARCEL NO: P-12  
REQUIRED PERMANENT UTILITY SERVITUDE: 8.00 ACRE



*Charles G. Coyle*



MATCH TO SHEET 3 OF 4

SCALE: 1" = 200'  
10/12/94



JOHN CREIGHTON  
WEBB, JR. ETAL.



50' UTILITY  
SERVITUDE

(P-12)

JOHN CREIGHTON WEBB, JR.  
ETAL.

N25°46'56\"E - 25.00'

S25°46'56\"W  
25.00'

N64°48'27\"W  
405.99'

L.A. HWY. NO. 1

SEWER F.M. VENT

N64°48'27\"W  
1582.99'

N64°42'27\"W  
100' R/W

MATCH TO SHEET 1 OF 4

**UTILITY SERVITUDE**

FOR  
CADDO-BOSSIER  
PORT COMMISSION  
LOCATED IN SECTION 10  
T18N-R13W, CADDO  
PARISH, LOUISIANA



JOHN CREIGHTON WEBB, JR. ETAL.

PARCEL NO: P-12

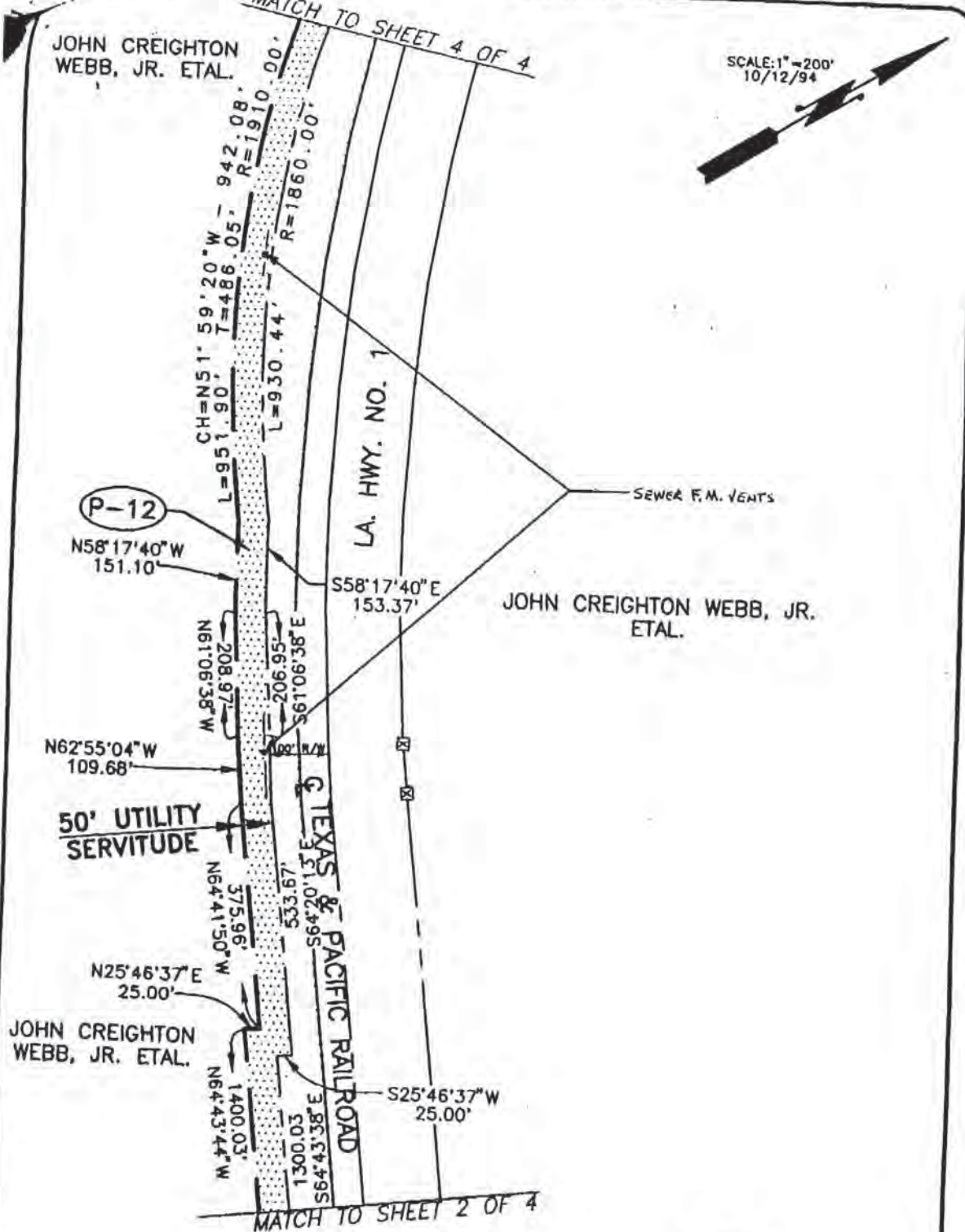
REQUIRED PERMANENT UTILITY SERVITUDE: 8.00 ACRE

*Charles G. Coyle*

MATCH TO SHEET 4 OF 4

JOHN CREIGHTON WEBB, JR. ETAL.

SCALE: 1" = 200'  
10/12/94



P-12

N58°17'40\"/>

LA. HWY. NO. 1

SEWER F.M. VENTS

JOHN CREIGHTON WEBB, JR. ETAL.

N62°55'04\"/>

50' UTILITY SERVITUDE

TEXAS & PACIFIC RAILROAD

JOHN CREIGHTON WEBB, JR. ETAL.

N25°46'37\"/>

S25°46'37\"/>

MATCH TO SHEET 2 OF 4

**UTILITY SERVITUDE**

FOR  
CADDO-BOSSIER  
PORT COMMISSION  
LOCATED IN SECTION 10  
T16N-R13W, CADDO  
PARISH, LOUISIANA



JOHN CREIGHTON WEBB, JR. ETAL.  
PARCEL NO: P-12  
REQUIRED PERMANENT UTILITY SERVITUDE: 8.00 ACRE

*Charles G. Coyle*



JOHN FRANKS &  
MILTON WILLIAMS

N53°14'28"E  
50.00'

100' R/W

POINT OF BEGINNING

PN. 1 3/4"  
I. ROD

SCALE: 1" = 200'  
10/12/94



P-12

50' UTILITY  
SERVITUDE

SEWER F.M. VENT

JOHN CREIGHTON  
WEBB, JR. ETAL

TEXAS & PACIFIC RAILROAD

LA. HWY. NO. 1

JOHN CREIGHTON WEBB, JR.  
ETAL.

N37°42'05"W - 711.09'  
S37°42'41"E 710.50'

MATCH TO SHEET 3 OF 4

**UTILITY SERVITUDE**

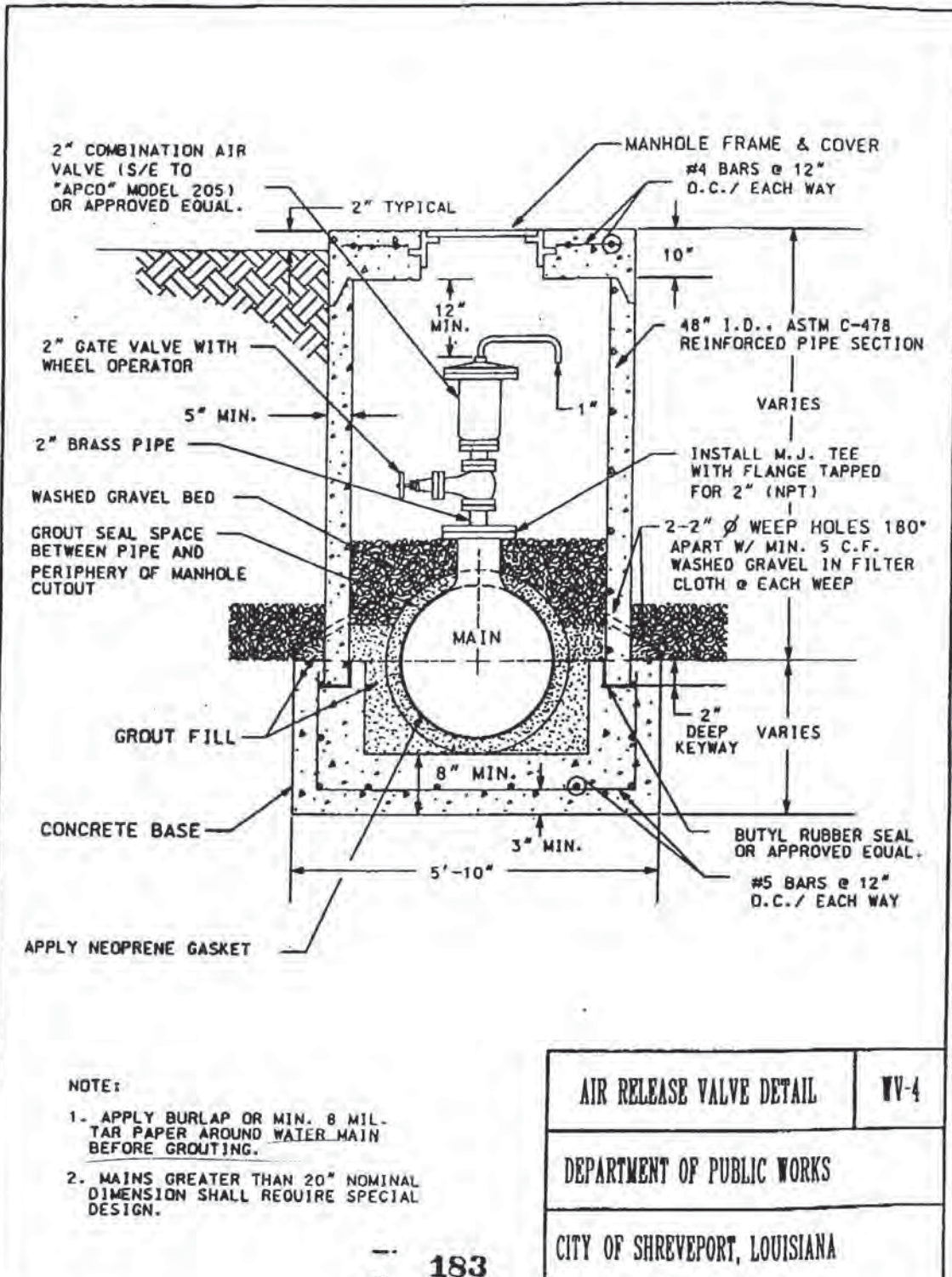
FOR  
CADDO-BOSSIER  
PORT COMMISSION  
LOCATED IN SECTION 10  
T16N-R13W, CADDO  
PARISH, LOUISIANA



JOHN CREIGHTON WEBB, JR. ETAL.  
PARCEL NO: P-12

*Charles G. Coyle*

REQUIRED PERMANENT UTILITY SERVITUDE: 8.00 ACRE





*Wham Cortez*  
DPY. CLERK & RECORDS

FILED & RECORDED  
CADD PARISH  
SHREVEPORT, LA  
CADDY CLERK

**C 3582**

1840851

2003 FEB -6 A 9:49

STATE OF LOUISIANA§

**PROJECT NAME: Southern Loop  
Water Main Extension**

PARISH OF CADDOS

**PROJECT NO: 99611.00  
PARCEL NO: P-18**

**BE IT KNOWN**, that this day before me, the undersigned authority, a Notary Public in and for Caddo Parish, Louisiana, personally came and appeared JOHN FRANKS, an authorized representative of **Franks Realty, Inc.**, with a permanent mailing address of **P.O. Box 7665, Shreveport, LA 71137**, hereinafter referred to as Grantor, his heirs and assigns, who declared that he does hereby grant unto the **CITY OF SHREVEPORT**, hereinafter referred to as Grantee, its successors and assigns, the right to lay, maintain, inspect, repair, alter and relay public utility lines on, over, through, upon, across and under the following described property in the Parish of Caddo, State of Louisiana, to-wit:

**"AS SHOWN ON THE ATTACHED PLAT AS P-18"**

Be it further provided that the authorized personnel of the City of Shreveport and/or its contractors shall have the right of ingress and egress to the above described property at any time for the purpose of making repairs, alterations, and tests necessary in connection with operation of this line.

**GRANTEE** agrees to be responsible for the restoration of all excavations or alterations necessary in the prosecution of this work and to replace the ground surface, as far as it is practicable, to its original condition.

**GRANTEE** agrees to provide, at no cost to the Grantor, an 8" tee assembly with valve into the new water main at a location specified prior to construction by the Grantor.

Map Attached

489

**GRANTEE** hereby agrees and obligates itself to pay any damages which may occur to property, fences or buildings of said Grantor as a result of the exercise of the rights herein granted, the applicable law for any legal disputes or damages which are not mutually agreed upon arising out of this agreement shall be the law of (and all actions hereunder shall be brought in) the State of Louisiana and venue for such disputes shall be in the First Judicial District Court, Shreveport, Louisiana.

**GRANTEE** agrees to defend, indemnify and hold harmless grantor, its affiliate corporations, representatives, successors and assigns from and against any and all liabilities, losses, damages, suits, expenses, costs and judgements that may be claimed, brought or had against Grantor, its affiliate corporations, representatives, successors and assigns for any injury or death to any person or persons, or any damage to any real or personal property, resulting from or arising out of the operations and activities of the Grantee, its agents, employees or independent contractors upon the premises herein described.

Nothing contained herein shall be construed to mean that the City is to be held responsible for a depreciation in value of the described property occasioned by the existence of the servitude on or through the property. Owner of described property reserves the right to use the surface of the servitude area, pave over it, and make all reasonable uses except placement of permanent improvements thereon.

**TO HAVE AND TO HOLD** said servitude unto the said Grantee, its successors and assigns until said servitude to be exercised and so long thereafter as the same shall be useful for the above named purposes. This document is executed by both parties under the specified condition that at some point in the future, this servitude may be replaced by a revised servitude such as to accommodate future development more effectively and to the satisfaction of both parties.

490



THUS DONE AND PASSED in Shreveport on the 27<sup>th</sup> day of January, 2003, in the presence of Bobby E. Jelks and Misty Sims, competent witnesses who hereunto sign their names with the said appearers and me, Notary, after reading the whole.

WITNESSES:  
Bobby E. Jelks  
Misty Sims

OWNERS:  
John Franks  
Franks Realty, Inc.

Diane Marie Fong, Notary Public  
Caddo Parish, Louisiana  
Commission expires with life.

Diane Marie Fong  
NOTARY PUBLIC

THUS DONE AND PASSED in Shreveport on the 5<sup>th</sup> day of February, 2003, in the presence of Lauren C. Thompson and Ashley Wiggins, competent witnesses who hereunto sign their names with the said appearers and me, Notary, after reading the whole.

WITNESSES:  
Lauren C. Thompson  
Ashley Wiggins

CITY OF SHREVEPORT  
BY: Keith Hightower  
KEITH HIGHTOWER, MAYOR

Malcolm F. Stadlander  
NOTARY PUBLIC

MALCOLM F. STADTLANDER, Notary Public  
Caddo Parish, Louisiana  
My Commission is for Life

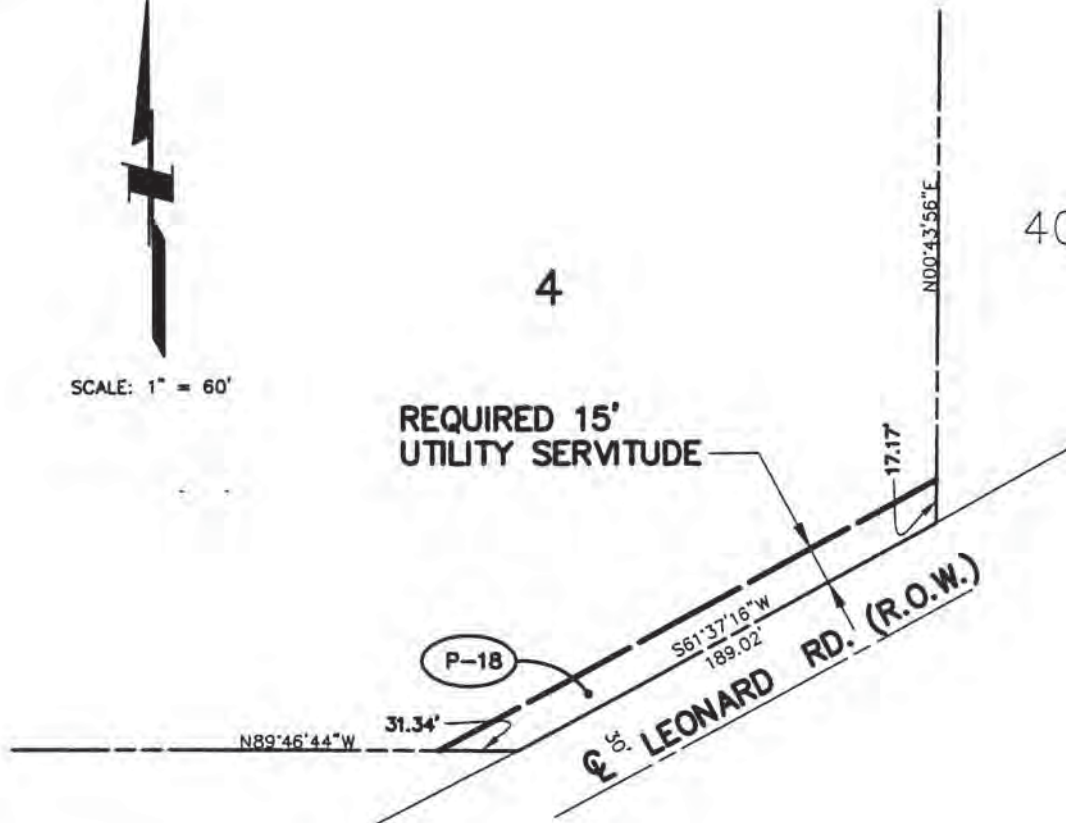
491



SCALE: 1" = 60'

4

40



REQUIRED 15'  
UTILITY SERVITUDE

P-18

S. LEONARD RD. (R.O.W.)

NOTE:  
PLAT BASED ON CADDO  
PARISH RECORDED  
PROPERTY INFORMATION.

### REQUIRED UTILITY SERVITUDE

492  
LOCATED IN  
SECTION 14, T16N, R13W  
CADDO PARISH, LOUISIANA

OWNERSHIP: FRANKS REALTY, INC.  
TAX ASSESSOR TRACT No.: 161310-001-0004  
TOTAL AREA: 3,104.28 SQ. FT.

**BALAR**  
ENGINEERS & SURVEYORS



SERVITUDE AGREEMENT

STATE OF LOUISIANA

§

KNOW ALL MEN BY THESE PRESENTS

PARISH OF CADDO

§

Grantor: FRANKS INVESTMENT COMPANY, L.L.C.  
P. O. Box 7626  
Shreveport, LA 71137-7626  
Represented herein by Bobby E. Jelks, Manager

Grantee: LOUISIANA MIDSTREAM GAS SERVICES, L.L.C.  
P.O. Box 54915  
Oklahoma City, OK 73154-0915  
Represented herein by J. Michael Stice, President [Title]

STATE OF LOUISIANA  
PARISH OF CADDO

I hereby certify this to be a full and true copy of an original instrument filed in my office on the date and hour and under the Registry Number stamped hereon to be

Conveyance \_\_\_\_\_  
Mortgage \_\_\_\_\_  
UCC \_\_\_\_\_  
} Records

Given under my hand and seal of office on said date of filing.

BE IT KNOWN, FRANKS INVESTMENT COMPANY, L.L.C., being hereinafter referred to as "Grantor," for and in consideration of the sum of Ten and No/100 Dollars (\$10.00), in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and the mutual obligations of the parties undertake herein, and for and upon such other terms and conditions hereinafter expressed does hereby grant, transfer, assign, set over and deliver unto Louisiana Midstream Gas Services, L.L.C., being hereinafter referred to as "Grantee," a servitude on, over and across the property described on Exhibit "A" attached hereto. Further, Grantor and Grantee agree as follows:

1. Servitude. Grantor grants to Grantee an exclusive servitude (hereinafter called the "Servitude") over the following: (a) a strip of land Thirty feet (30') in width, being fifteen feet (15') on either side of the midline thereof on, in, over, under, through and across Grantor's land for the purpose of locating, establishing, constructing, laying, installing, operating, using, maintaining, inspecting, testing, protecting, cathodically protecting, repairing, assigning, restoring, renewing, reconstructing, replacing, substituting, changing, altering, converting, relocating within the Servitude, changing the size of, and removing therefrom a pipeline, together with such appliances, equipment and appurtenant facilities (above and below ground) as from time to time deemed by Grantee to be necessary, useful or convenient in connection with the use and convenient operation of the pipeline, and (b) a valve site 75 feet by 84.97 feet by 77.61 feet by 65.03 feet containing 0.13 acres for the pupose of laying, constructing, maintaining, operating, altering, replacing, and removing valves, meters, pig launchers, receivers (with fittings, appliances and appurtenant facilities) and any and all other related equipment, for the transportation and processing of oil, gas petroleum products or any other liquids, gases (including inert gases) or substances which can be transported through a pipeline, the Servitude and the land out of which the Servitude is being acquired ("Grantor's Land") being described in Exhibit "A" and Exhibit "B" attached hereto and made a part hereof; Grantor grants and Grantee accepts the Servitude solely for the transportation of natural gas produced under the terms of the Oil, Gas and Mineral Lease dated June 27, 2008, from Franks Investment Company, L.L.C., as Lessor, to Twin Cities Development, L.L.C., as Lessee, for which a Memorandum of Oil and Gas Lease was recorded at Registry Number 2166011 of the Conveyance Records of Caddo Parish, Louisiana (the "Subject Lease"), or from a unit in which all or any part of the Subject Lease is included, and Grantee agrees that the Servitude shall be used for no other purpose.

2. Temporary Construction Servitude. Grantor grants to Grantee a temporary servitude (hereinafter called "Temporary Construction Servitude") on, in, over, under, through and across Grantor's Land for the use and occupancy by Grantee, its agents, employees, contractors and subcontractors, only in connection with and during the original construction of the pipeline on the Servitude, the Temporary Construction Servitude and the land out of which the Servitude is being acquired being described in Exhibit "A" and Exhibit "B" attached hereto and made a part hereof. The Temporary Construction Servitude shall automatically terminate and revert to Grantor, free and clear of any right, title or interest in Grantee, upon whichever first occurs: (a) the completion of construction of the pipeline on the Servitude; or (b) upon one (1) year following the start of construction of the pipeline.

3. Grantee's Need for Additional Workspace. Grantor hereby expressly agrees that in the event the route of the pipeline to be constructed hereunder should cross any roads, railroads, creeks, or other waterways located on Grantor's Land or other places requiring extra work space, or if the rights granted to Grantee hereunder require extra work space, then Grantee shall have the right and temporary access to additional working space which may be necessary, useful or convenient therefor, and Grantee agrees to pay Grantor any and all damages which Grantor suffers by reason of Grantee's use of such additional work space.

4. Grantee's Access. Grantee shall have the right of ingress and egress to and from Grantor's Land, which right of ingress and egress, except as otherwise provided in this paragraph, shall be limited and confined to the boundaries of the Servitude and to the boundaries of the Temporary Construction Servitude while such Temporary Construction Servitude remains in effect. Grantee shall also have the right, for ingress and egress purposes only, to use any road or roads located now, or in the future, on Grantor's Land, and any gates located on such roads; provided, however, that in the event Grantee's use causes damage to such roads or gates, Grantee shall promptly restore such roads and gates to substantially the same or better condition as the roads and gates were in prior to the use thereof by Grantee.

5. Servitude Clean Up. Upon cessation of operations to construct, lay, install, operate, use, maintain, repair, restore, renew, reconstruct, replace, substitute, change, alter, convert, relocate within the Servitude, change the size of, and remove therefrom, together with such appliances, equipment and appurtenant facilities (above and below ground) the pipeline under the rights herein granted, Grantee agrees promptly to restore the surface of the Servitude



herein granted as nearly as practicable to the surface that existed as of the time of commencement of Grantee's operations, including but not limited to the removal of all debris created by such operations. In the event settling of the ground surface occurs as a result of any operations conducted by Grantee, Grantee agrees to restore the area promptly to the proper level if so requested by Grantor.

6. Grantee Right to Keep Servitude Clear. Grantee shall have the right from time to time to cut all trees, undergrowth, and the other obstructions that, in its judgment, may injure, endanger or interfere with the exercise by Grantee of the rights, privileges and Servitude herein granted, and Grantee shall not be liable for damages caused on the Servitude by keeping the Servitude clear of trees, undergrowth and brush in the exercise of the rights herein granted. Notwithstanding any other rights and obligations stated herein, Grantor shall have no right to payment for damage to any trees under this section, including trees considered as a growing crop.

7. Grantee's Cathodic Protection. Grantee shall have the right to cathodically protect the pipeline within the boundaries of the Servitude, and to install and maintain above-ground pipeline markers, vent pipes, and cathodic protection devices, power poles and test leads within the boundaries of the Servitude only at property lines, creek crossings, road crossings, railroads and at any other location as required by law.

8. Pipeline Depth. The pipeline will be buried to a minimum depth of thirty-six inches (36") below the surface of the ground at the time of construction and any then existing drainage ditches, creeks and roads, measured from the top of the pipe to the surface of the ground.

9. Grantee Abandonment. Grantee agrees that, in the event of non-use of the pipeline by Grantee, its successors or assigns for a period of eighteen consecutive months, the Servitude shall be considered abandoned, and Grantee shall furnish at its expense, upon the written request of Grantor, a release of the Servitude. Within 90 days of abandonment of the Servitude, Grantee shall commence the removal from Grantor's Land of the pipeline and any surface facilities used in connection therewith owned by Grantee, and such removal shall be completed within 90 days thereafter. In the event of the failure to commence removal of the pipeline and other facilities within the said 90 days or to complete such removal within said 90 days thereafter, Grantor may remove same, and Grantee shall be liable to reimburse Grantor for the cost of removal.

10. Number of Pipelines. This Servitude shall be for one pipeline only.

11. Initial and Future Damages Caused by Grantee. Except as set forth in Paragraph 5 above, and after the initial construction, Grantee agrees to pay Grantor for all future damages to livestock, crops, improvements or other property of Grantor permitted to be located on the Servitude by the terms hereof where such damage is caused by Grantee or its agents, servants, employees, contractors or subcontractors in performing such future construction or other pipeline-related activities on the Servitude. Grantor agrees and understands Grantee's consideration herein acknowledged and paid does include payment of and for all initial damages caused by the initial construction of the pipeline and appurtenances, if any, including temporary work space, crop, timber and land surface damages.

12. Restrictions on Grantor's Use of Servitude. Except as set forth in Paragraph 13(C) below, without prior, written consent of the Grantee, Grantor shall not construct or permit construction within the boundaries of the Servitude, and Grantee shall have the right to prevent the construction within the boundaries of the Servitude and the right to remove therefrom, any and all types and sizes of houses, barns, buildings, structures, permanent impoundments of water, and natural or man-made obstructions, including but not limited to trees, brush, roots and other growth. Grantor shall not, nor permit third parties to, change the grade of the land or remove the cover over the pipeline or excavate on or near the Servitude without prior written consent of the Grantee, which consent shall not be unreasonably withheld.

13. Grantor's Reservation of Rights. Grantee does not acquire by this Servitude, but expressly takes subject to, and Grantor reserves to Grantor and to Grantor's heirs, successors and assigns, each and all of the following rights in and to Grantor's Land:

- (A) All oil, gas, sulphur, uranium, fissionable materials, and other minerals ("Grantor's Minerals") under the surface of the Servitude to be acquired herein; provided, however, that Grantor shall not be permitted to explore, drill, mine, produce or operate for Grantor's Minerals on the surface of the Servitude, but will be permitted to extract Grantor's Minerals from under the Servitude by directional drilling or other means, from land located outside the boundaries of the Servitude, so long as Grantee's use of the Servitude for the purposes set forth herein is not disturbed and the pipeline and facilities located thereon are left with proper, sufficient and permanent support and are not endangered, obstructed, injured or interfered with; and
- (B) The right to pass back and forth across the Servitude on foot or in passenger cars and trucks; the right to plant, grow and harvest crops and gardens thereon and graze livestock on the Servitude.
- (C) Grantor shall have the right to place along, across and over said Servitude and Right-of-Way as many roads, streets, sidewalks, passageways, electric light and power lines, water lines, sewer lines, and telephone lines, and any and all other utilities as said Grantor may desire. However, that if the same is placed along, as distinguished from across said Servitude, they shall not be placed within five (5') feet Grantee's pipeline.

14. Grantee's Withholding of Certain Taxes. The Internal Revenue Code provides that a Grantee of a real property interest in the United States must withhold tax if the Grantor is a foreign person. Grantor hereby certifies under oath



and subject to penalties of perjury that Grantor is not a foreign person, foreign corporation, foreign trust or foreign estate, for purposes of Internal Revenue Code compliance.

15. Grantee's Assignment. Grantee, and Grantee's successors and assigns, have the right to assign or transfer this Servitude Agreement, and all rights granted or created herein, in whole or in part to or among one or more persons, with each such person having the full rights and privileges herein granted, only after express written consent of Grantor, which consent shall not be unreasonably withheld. No assignment of rights in this Servitude Agreement shall relieve or release the Grantee, or Grantee's successors and assigns, from any obligations owed by Grantee to Grantor under this Servitude Agreement, and any assignment to be made by Grantee and/or by its successors and assigns, shall require the assignee therein to assume any and all obligations imposed on the Grantee to the Grantor in this Servitude Agreement.

16. Related Defaults by Grantor. In the event of default of payment by Grantor of any mortgage, deed of trust, taxes or any amount secured by line on the above described lands, the Grantee shall have the right, but not the obligation, at any time, to redeem for Grantor said lands described above and, upon such redemption, Grantee shall be subrogated to the rights of the holder of such mortgage, deed of trust or other line with respect to said lands.

17. Binding Effect. The terms and conditions hereof shall extend to and be binding upon and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, devisees, successors, and assigns.

18. Entire Agreement. Subject to the terms hereof, Grantee shall have all other rights and benefits necessary, convenient or useful for the full and complete enjoyment and use of the Servitude for the purposes stated herein, including the right to all subsurface lateral support on other adjoining lands of Grantor that are necessary to maintain the pipeline. This document fully sets forth the terms and conditions mutually agreed to by the parties and there are no other oral or written agreements between the Grantor and Grantee which modify, alter or amend this Servitude.

19. Indemnity.

(a) Grantee shall conduct its operations on the Servitude in compliance with all applicable environmental laws and regulations of any local or parish governing body, the State of Louisiana, United States of America, and all governmental agencies and bodies charged with enforcing environmental regulations. Grantee agrees that the Servitude and Temporary Construction Servitude will be kept free from any environmental damage, including the presence of any hazardous materials or hazardous substances (as said hazardous materials and hazardous substances are defined under federal and state law), arising out of or resulting from the Grantee's operations on the Servitude or Temporary Construction Servitude. Notwithstanding the foregoing, Grantor understands and acknowledges that certain commercially available products used in the drilling, completion and work over of oil and gas wells ("Drilling Fluids") may contain component substances that are defined as "hazardous waste" or "hazardous substances." The natural gas transported through the pipeline on Grantor's property is raw, unprocessed natural gas received at the wellhead. Such natural gas may include residual amounts of Drilling Fluids from time to time. The transportation of such natural gas through the pipeline on Grantor's property will not be a breach of this covenant. In the event any of the operations of Grantee pursuant to this Servitude Agreement results in a loss or damage to the Grantor and/or the presence of hazardous materials and hazardous substances (as defined herein) placed on the Servitude, the Temporary Construction Servitude or Grantor's Land by Grantee, its employees, or subcontractors, Grantee agrees to hold harmless and indemnify Grantor for any loss or damage suffered by Grantor as a result thereof, including all fines and penalties assessed against Grantor by state or federal governmental agencies charged with enforcing environmental regulations, and all costs incurred to restore the environmental condition of the Servitude, Temporary Construction Servitude or Grantor's Land to the condition existing immediately prior to the execution date of this Servitude Agreement. This indemnification shall include, but not be limited to, any and all judgments or penalties to recover the cost of cleanup of any such release of hazardous materials or hazardous substances (as defined herein) by Grantee, its employees, agents, and subcontractors from or upon the Servitude, Temporary Construction Servitude or Grantor's Land and all expenses incurred by Grantor as a result of any civil action brought against Grantor as a result of Grantee's operations, including, but not limited to Grantor's attorneys' fees and all costs of defense. The duty to defend, hold harmless and indemnify the Grantor arises immediately upon the Grantor's notice of any demand, claim, or lawsuit that comes within the scope of this provision and any reasonable defense costs incurred in defending Grantor, its members, successors, or assigns, shall be paid by Grantee on behalf of Grantor. The indemnity provisions of this paragraph shall not apply if the loss or damage to the Grantor and/or the presence of hazardous materials and hazardous substances (as defined herein) results solely from the gross negligence or willful misconduct of Grantor, its members, successors or assigns.

(b) Grantee shall be solely responsible for all damage to property and injury to persons, including death, by reason of, or in connection with its operations hereunder, and does hereby agree to protect, save harmless, and indemnify Grantor from and against any and all claims and liabilities for damages to property and injuries, including death, to persons, including, but not limited to, Grantee's employees, agents, and contractors, arising out of Grantee's operations under this Servitude Agreement, and Grantee shall, at Grantee's sole expense, handle all such claims, defend law suits or other actions which may be brought against Grantor therein, pay all judgments rendered against Grantor therein and reimburse Grantor for any expenditures which it may make on account thereof, including but not limited to Grantor's attorneys' fees and costs of defense, unless such damage or injury is caused solely by Grantor's gross negligence or willful misconduct. Grantee agrees it will obtain a comprehensive general liability policy (the "Policy") covering the Grantee's operations as referred to herein, which Policy shall provide for coverage limits of not less than \$5,000,000.00 per occurrence, with Grantor named as an additional insured in the Policy. Such Policy shall be endorsed to be primary over any insurance carried by Grantor. The Policy shall contain a provision that the Grantor shall be given a minimum of ten (10) days written notice by the insurer prior to the cancellation, termination, or change in such insurance. Grantee shall furnish a certificate of insurance to the



Grantor, which shall confirm that the Policy is in full force and effect, with the appropriate limits of coverage, and that the Grantor is named as an additional named insured in the Policy. Such insurance requirements may be met by a combination of self-insurance, primary and excess insurance policies, provided that (a) the maximum amount of liability exposure which the Grantee, or its successors and assigns, may self-insure against is limited to one million dollars (\$1,000,000.00) and (b) the Grantee's, or its successor's and assign's, obligations to Grantor, its members, successors, or assigns, with respect to indemnification and holding the Grantor, its members, successors, and assigns, harmless apply regardless of whether Grantee, or its successors and assigns, have exhausted applicable self-insurance. The duty to defend, indemnify and hold Grantor harmless arises immediately upon the Grantor's notice of any demand, claim, or lawsuit that comes within the scope of this provision, and any reasonable defense costs incurred in defending Grantor shall be paid by Grantee on behalf of Grantor.

IN WITNESS WHEREOF, the Parties have executed this Agreement in duplicate originals on the dates of their respective acknowledgments but effective as of the Effective Date.

**WITNESSES:**

Nancy S. Duke  
(Signature of 1<sup>st</sup> Witness)  
Nancy S. Duke  
(Print name of 1st Witness)

Diane F. Marlowe  
(Signature of 2<sup>nd</sup> Witness)  
Diane F. Marlowe  
(Print name of 2<sup>nd</sup> Witness)

**WITNESSES:**

[Signature]  
(Signature of 1<sup>st</sup> Witness)  
ACQUER-Ross  
(Print name of 1st Witness)

[Signature]  
(Signature of 2<sup>nd</sup> Witness)  
Sarah Hodges  
(Print name of 2<sup>nd</sup> Witness)

**GRANTOR:**

Franks Investment Company, L.L.C.  
By: [Signature]  
Bobby E. Jelks, Manager

**GRANTEE:**

Louisiana Midstream Gas Services, L.L.C.  
By: [Signature]  
J. Michael Stice  
President and Chief Operating Officer

**ACKNOWLEDGMENT**

STATE OF LOUISIANA

PARISH OF Sossier

On this 19<sup>th</sup> day of January, 2010, before two competent witnesses and me, the undersigned authority, duly qualified and acting as such in and for the above parish, state aforesaid, appeared Bobby E. Jelks, to me personally known, who, being by me duly sworn, did say: That he is the duly authorized Manager of Franks Investment Company, L.L.C., a Louisiana limited liability company, that the foregoing instrument was signed by him on behalf of said company, and that said appearer acknowledged said instrument to be the free act and deed of said company.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

[Signature]  
Notary Public in and for the State of Louisiana  
F. Drake Lee Bar Roll # 05263  
(Notary's Printed Name and ID #)  
My Commission Expires: at death.

ACKNOWLEDGMENT

STATE OF LOUISIANA Oklahoma  
County Oklahoma  
PARISH OF Oklahoma

On this 1st day of February, 2010, before two competent witnesses and me, the undersigned authority, duly qualified and acting as such in and for the above parish, state aforesaid, appeared J. Michael Stice to me personally known, who, being by me duly sworn, did say: That he is the duly authorized President & COO of Louisiana Midstream Gas Services, L.L.C., that the foregoing instrument was signed by him on behalf of said company, and that said appearer acknowledged said instrument to be the free act and deed of said company.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

Jessica King  
Notary Public in and for the State of Louisiana  
Jessica King 07001656  
(Notary's Printed Name and ID #)  
My Commission Expires: 2-20-2011

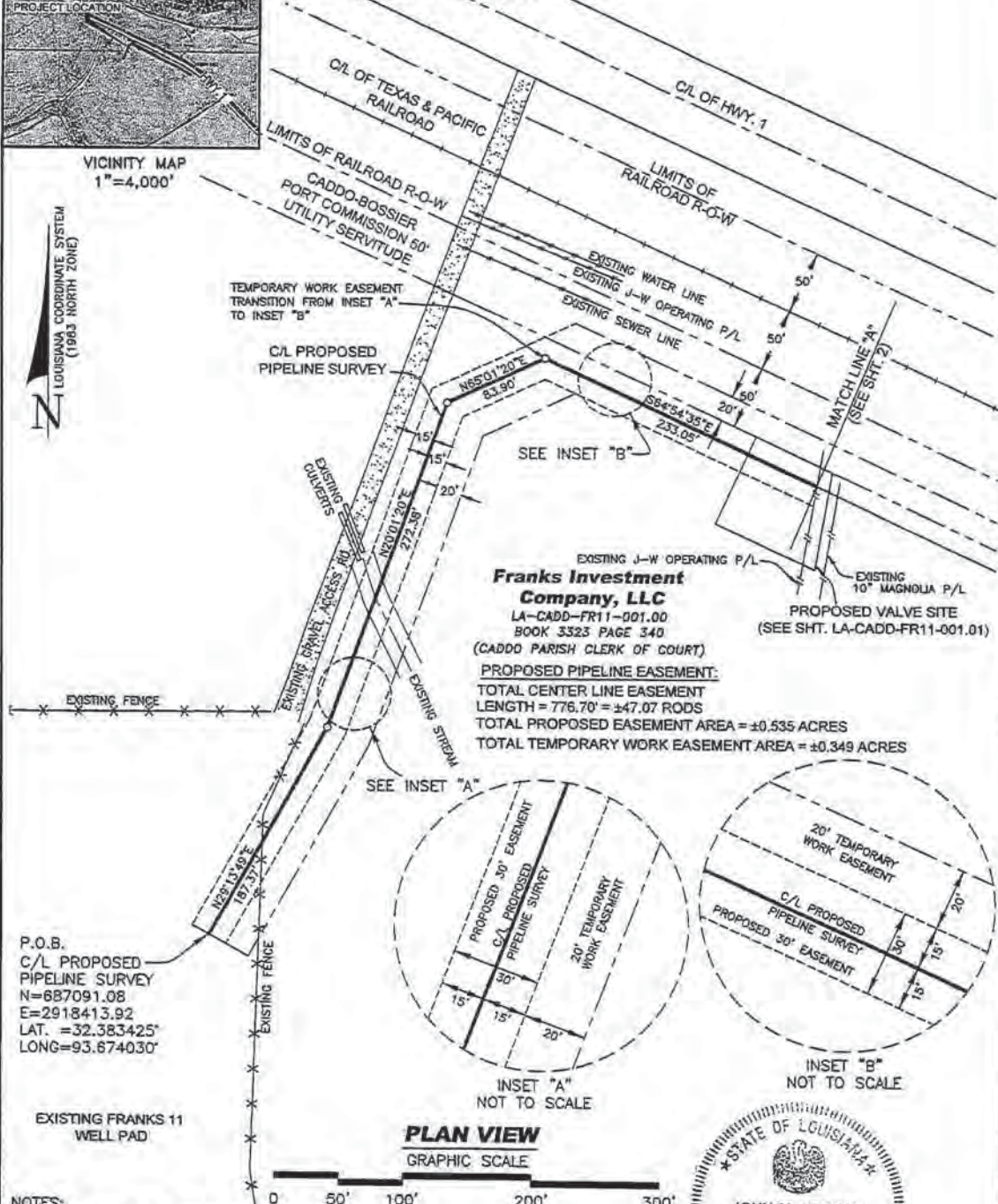




**EXHIBIT "A"**  
**CADDO PARISH, LOUISIANA**  
**SECTION 3, T16N-R13W**



VICINITY MAP  
 1"=4,000'



**Franks Investment Company, LLC**  
 LA-CADD-FR11-001.00  
 BOOK 3323 PAGE 340  
 (CADDO PARISH CLERK OF COURT)

**PROPOSED PIPELINE EASEMENT:**  
 TOTAL CENTER LINE EASEMENT LENGTH = 776.70' = ±47.07 RODS  
 TOTAL PROPOSED EASEMENT AREA = ±0.535 ACRES  
 TOTAL TEMPORARY WORK EASEMENT AREA = ±0.349 ACRES

P.O.B.  
 C/L PROPOSED PIPELINE SURVEY  
 N=687091.08  
 E=2918413.92  
 LAT. =32.383425°  
 LONG=93.874030°

EXISTING FRANKS 11 WELL PAD

**PLAN VIEW**  
 GRAPHIC SCALE



**SHEET 1 OF 2**

**NOTES:**

AN ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; HOWEVER, DUE TO THE INHERENT LIMITATIONS OF ELECTRONIC MAGNETIC LOCATING EQUIPMENT, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE SURVEY.

THIS PLAT WAS PREPARED FOR RIGHT-OF-WAY PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

ALL PUBLIC RECORD DOCUMENTS, TITLE INFORMATION AND MAPS UTILIZED FOR ESTABLISHING THE PROPERTY BOUNDARIES AS DEPICTED ON THIS PLAT WAS PROVIDED BY LOUISIANA MIDSTREAM GAS SERVICES, L.L.C. ALL PUBLIC RECORDS RESEARCH WAS PERFORMED BY LOUISIANA MIDSTREAM GAS SERVICES, L.L.C.

ALL BEARINGS AND COORDINATES SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN DATUM 1983, LOUISIANA NORTH ZONE.



APPROVED: *John M. Hebert*  
 JOHN M. HEBERT, LA. LICENSE NO. 4906

THIS DOCUMENT VALID ONLY WHEN EITHER AN ORIGINAL CERTIFICATION STAMP OR AN EMBOSSED SEAL IS IMPRESSED OVER AN ORIGINAL SIGNATURE.

<b>LOUISIANA MIDSTREAM GAS SERVICES, L.L.C.</b>
PROPOSED PIPELINE EASEMENT CADDO PARISH, LOUISIANA
SURFACE OWNER: FRANKS INVESTMENT COMPANY, LLC

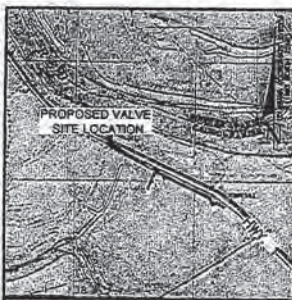
**mph**  
 Morris P. Hebert, Inc.  
 CIVIL ENGINEERING & SURVEYING  
 SURVEYING • ENGINEERING • ENVIRONMENTAL SERVICES • DESIGN

DR. GWN CH. GMP
DR APP. CSD
DATE: 10/20/09
JOB. NO. 10381
FB/PG
EXHIBIT A LA-CADD-FR11-001.00

W:\dm\10381\dwg\low\LA-CADD-FR11-001.00.dwg PLOT DATE: 1/11/10 7:49:08am



**EXHIBIT "B"**  
**CADDO PARISH, LOUISIANA**  
**SECTION 3, T16N-R13W**



VICINITY MAP  
 1"=4,000'



**Franks Investment Company, LLC**  
 LA-CADD-FR11-001.01  
 BOOK 3323 PAGE 340  
 (CADDO PARISH CLERK OF COURT)  
**PROPOSED VALVE SITE EASEMENT:**  
 TOTAL EASEMENT AREA = ±0.13 ACRES

P.O.B.  
 N= 687458.01  
 E= 2918897.91  
 LAT.= 32.384448°  
 LONG.= 93.672475°

FOUND 1/2" IRON PIPE PROPERTY CORNER

**PLAN VIEW**  
 GRAPHIC SCALE



**NOTES:**  
 AN ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; HOWEVER, DUE TO THE INHERENT LIMITATIONS OF ELECTRONIC MAGNETIC LOCATING EQUIPMENT, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE SURVEY.

THIS PLAT WAS PREPARED FOR RIGHT-OF-WAY PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.

ALL PUBLIC RECORD DOCUMENTS, TITLE INFORMATION AND MAPS UTILIZED FOR ESTABLISHING THE PROPERTY BOUNDARIES AS DEPICTED ON THIS PLAT WAS PROVIDED BY LOUISIANA MIDSTREAM GAS SERVICES, L.L.C. ALL PUBLIC RECORDS RESEARCH WAS PERFORMED BY LOUISIANA MIDSTREAM GAS SERVICES, L.L.C.

ALL BEARINGS AND COORDINATES SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN DATUM 1983; LOUISIANA NORTH ZONE.



APPROVED: *John M. Hebert*  
 JOHN M. HEBERT, LA. LICENSE NO. 4906  
 THIS DOCUMENT VALID ONLY WHEN EITHER AN ORIGINAL CERTIFICATION STAMP OR AN EMBOSSED SEAL IS IMPRESSED OVER AN ORIGINAL SIGNATURE.

<b>LOUISIANA MIDSTREAM GAS SERVICES, L.L.C.</b>
PROPOSED VALVE SITE EASEMENT CADDO PARISH, LOUISIANA
SURFACE OWNER: FRANKS INVESTMENT COMPANY, LLC



DR. GWN CH. GMP
DR APP. JMH
DATE: 10/20/09
JOB. NO. 10381
FB/PG
EXHIBIT II LA-CADD-FR11-001.01

W:\dmg\10381\dwg\con\LA-CADD-FR11-001.D1.dwg PLOT DATE: 1/11/10 7:53:43am



2286330

05/11/2010 11:17 AM

SERVITUDE AGREEMENT

STATE OF LOUISIANA  
PARISH OF CADDO

STATE OF LOUISIANA  
PARISH OF CADDO

KNOW ALL MEN BY THESE PRESENTS,

I hereby certify this to be a full and true copy of an original instrument filed in my office on the date and hour and under the Registry Number stamped hereon to be

Grantor: FRANKS INVESTMENT COMPANY, L.L.C.  
P. O. Box 7626  
Shreveport, LA 71137-7626  
Represented herein by Bobby E. Jelks, Manager

Conveyance \_\_\_\_\_  
Mortgage \_\_\_\_\_  
UCC \_\_\_\_\_  
} Records.

Given under my hand and seal of office on said date of filing.

Grantee: LOUISIANA MIDSTREAM GAS SERVICES, L.L.C.  
P.O. Box 54915  
Oklahoma City, OK 73154-0915  
Represented herein by J. Michael Shick [Title], President & COO

*Kristin Meyer*  
DEPUTY CLERK & EX-OFFICIO RECORDER

BE IT KNOWN, FRANKS INVESTMENT COMPANY, L.L.C., being hereinafter referred to as "Grantor," for and in consideration of the sum of Ten and No/100 Dollars (\$10.00), in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and the mutual obligations of the parties undertake herein, and for and upon such other terms and conditions hereinafter expressed does hereby grant, transfer, assign, set over and deliver unto Louisiana Midstream Gas Services, L.L.C., being hereinafter referred to as "Grantee," a servitude on, over and across the property described below located in Section 3, T16N, R13W, Caddo Parish, Louisiana. Further, Grantor and Grantee agree as follows:

- Servitude. Grantor grants to Grantee an exclusive servitude (hereinafter called the "Servitude") over the following: (a) a strip of land Thirty feet (30') in width, being fifteen feet (15') on either side of the midline thereof on, in, over, under, through and across Grantor's land for the purpose of locating, establishing, constructing, laying, installing, operating, using, maintaining, inspecting, testing, protecting, cathodically protecting, repairing, assigning, restoring, renewing, reconstructing, replacing, substituting, changing, altering, converting, relocating within the Servitude, changing the size of, and removing therefrom a pipeline, together with such appliances, equipment and appurtenant facilities (above and below ground) as from time to time deemed by Grantee to be necessary, useful or convenient in connection with the use and convenient operation of the pipeline, the Servitude and the land out of which the Servitude is being acquired ("Grantor's Land") being described in Exhibit "A" attached hereto and made a part hereof; Grantor grants and Grantee accepts the Servitude solely for the transportation of natural gas produced under the terms of the Oil, Gas and Mineral Lease dated June 27, 2008, from Franks Investment Company, L.L.C., as Lessor, to Twin Cities Development, L.L.C., as Lessee (the "Lease"), for which a Memorandum of Oil and Gas Lease was recorded at Registry Number 2166011 of the Conveyance Records of Caddo Parish, Louisiana, or from a unit in which any land subject to the Lease is included, and Grantee agrees that the Servitude shall be used for no other purpose.
- Temporary Construction Servitude. Grantor grants to Grantee a temporary servitude (hereinafter called "Temporary Construction Servitude") on, in, over, under, through and across Grantor's Land for the use and occupancy by Grantee, its agents, employees, contractors and subcontractors, only in connection with and during the original construction of the pipeline on the Servitude, the Temporary Construction Servitude and the land out of which the Servitude is being acquired being described in Exhibit "A" attached hereto and made a part hereof. The Temporary Construction Servitude shall automatically terminate and revert to Grantor, free and clear of any right, title or interest in Grantee, upon whichever first occurs: (a) the completion of construction of the pipeline on the Servitude; or (b) upon one (1) year following the start of construction of the pipeline.
- Grantee's Need for Additional Workspace. Grantor hereby expressly agrees that in the event the route of the pipeline to be constructed hereunder should cross any roads, railroads, creeks, or other waterways located on Grantor's Land or other places requiring extra work space, or if the rights granted to Grantee hereunder require extra work space, then Grantee shall have the right and temporary access to additional working space which may be necessary, useful or convenient therefor, and Grantee agrees to pay Grantor any and all damages which Grantor suffers by reason of Grantee's use of such additional work space.
- Grantee's Access. Grantee shall have the right of ingress and egress to and from Grantor's Land, which right of ingress and egress, except as otherwise provided in this paragraph, shall be limited and confined to the boundaries of the Servitude and to the boundaries of the Temporary Construction Servitude while such Temporary Construction Servitude remains in effect. Grantee shall also have the right, for ingress and egress purposes only, to use any road or roads located now, or in the future, on Grantor's Land, and any gates located on such roads; provided, however, that in the event Grantee's use causes damage to such roads or gates, Grantee shall promptly restore such roads and gates to substantially the same or better condition as the roads and gates were in prior to the use thereof by Grantee.
- Servitude Clean Up. Upon cessation of operations to construct, lay, install, operate, use, maintain, repair, restore, renew, reconstruct, replace, substitute, change, alter, convert, relocate within the Servitude, change the size of, and remove therefrom, together with such appliances, equipment and appurtenant facilities (above and below ground) the pipeline under the rights herein granted, Grantee agrees promptly to restore the surface of the Servitude herein granted as nearly as practicable to the surface that existed as of the time of commencement of Grantee's operations, including but not limited to the removal of all debris created by such operations. In the event settling of the ground surface occurs as a result of any operations conducted by Grantee, Grantee agrees to restore the area promptly to the proper level if so requested by Grantor.



6. Grantee Right to Keep Servitude Clear. Grantee shall have the right from time to time to cut all trees, undergrowth, and the other obstructions that, in its judgment, may injure, endanger or interfere with the exercise by Grantee of the rights, privileges and Servitude herein granted, and Grantee shall not be liable for damages caused on the Servitude by keeping the Servitude clear of trees, undergrowth and brush in the exercise of the rights herein granted. Notwithstanding any other rights and obligations stated herein, Grantor shall have no right to payment for damage to any trees under this section, including trees considered as a growing crop.

7. Grantee's Cathodic Protection. Grantee shall have the right to cathodically protect the pipeline within the boundaries of the Servitude, and to install and maintain above-ground pipeline markers, vent pipes, and cathodic protection devices, power poles and test leads within the boundaries of the Servitude only at property lines, creek crossings, road crossings, railroads and at any other location as required by law.

8. Pipeline Depth. The pipeline will be buried to a minimum depth of sixty inches (60") below the surface of the ground at the time of construction and any then existing drainage ditches, creeks and roads, measured from the top of the pipe to the surface of the ground.

9. Grantee Abandonment. Grantee agrees that, in the event of non-use of the pipeline by Grantee, its successors or assigns for a period of eighteen consecutive months, the Servitude shall be considered abandoned, and Grantee shall furnish at its expense, upon the written request of Grantor, a release of the Servitude. Within 90 days of abandonment of the Servitude, Grantee shall commence the removal from Grantor's Land of the pipeline and any surface facilities used in connection therewith owned by Grantee, and such removal shall be completed within 90 days thereafter. In the event of the failure to commence removal of the pipeline and other facilities within the said 90 days or to complete such removal within said 90 days thereafter, Grantor may remove same, and Grantee shall be liable to reimburse Grantor for the cost of removal.

10. Number of Pipelines. This Servitude shall be for one pipeline only.

11. Initial and Future Damages Caused by Grantee. Except as set forth in Paragraph 5 above, and after the initial construction, Grantee agrees to pay Grantor for all future damages to livestock, crops, improvements or other property of Grantor permitted to be located on the Servitude by the terms hereof where such damage is caused by Grantee or its agents, servants, employees, contractors or subcontractors in performing such future construction or other pipeline-related activities on the Servitude. Grantor agrees and understands Grantee's consideration herein acknowledged and paid does include payment of and for all initial damages caused by the initial construction of the pipeline and appurtenances, if any, including temporary work space, crop, timber and land surface damages.

12. Restrictions on Grantor's Use of Servitude. Except as set forth in Paragraph 13(C) below, without prior, written consent of the Grantee, Grantor shall not construct or permit construction within the boundaries of the Servitude, and Grantee shall have the right to prevent the construction within the boundaries of the Servitude and the right to remove therefrom, any and all types and sizes of houses, barns, buildings, structures, permanent impoundments of water, and natural or man-made obstructions, including but not limited to trees, brush, roots and other growth. Grantor shall not, nor permit third parties to, change the grade of the land or remove the cover over the pipeline or excavate on or near the Servitude without prior written consent of the Grantee, which consent shall not be unreasonably withheld.

13. Grantor's Reservation of Rights. Grantee does not acquire by this Servitude, but expressly takes subject to, and Grantor reserves to Grantor and to Grantor's heirs, successors and assigns, each and all of the following rights in and to Grantor's Land:

- (A) All oil, gas, sulphur, uranium, fissionable materials, and other minerals ("Grantor's Minerals") under the surface of the Servitude to be acquired herein; provided, however, that Grantor shall not be permitted to explore, drill, mine, produce or operate for Grantor's Minerals on the surface of the Servitude, but will be permitted to extract Grantor's Minerals from under the Servitude by directional drilling or other means, from land located outside the boundaries of the Servitude, so long as Grantee's use of the Servitude for the purposes set forth herein is not disturbed and the pipeline and facilities located thereon are left with proper, sufficient and permanent support and are not endangered, obstructed, injured or interfered with; and
- (B) The right to pass back and forth across the Servitude on foot or in passenger cars and trucks; the right to plant, grow and harvest crops and gardens thereon and graze livestock on the Servitude.
- (C) Grantor shall have the right to place along, across and over said Servitude and Right-of-Way as many roads, streets, sidewalks, passageways, electric light and power lines, water lines, sewer lines, and telephone lines, and any and all other utilities as said Grantor may desire. However, that if the same is placed along, as distinguished from across said Servitude, they shall not be placed within five (5') feet Grantee's pipeline.

14. Grantee's Withholding of Certain Taxes. The Internal Revenue Code provides that a Grantee of a real property interest in the United States must withhold tax if the Grantor is a foreign person. Grantor hereby certifies under oath and subject to penalties of perjury that Grantor is not a foreign person, foreign corporation, foreign trust or foreign estate, for purposes of Internal Revenue Code compliance.

15. Grantee's Assignment. Grantee, and Grantee's successors and assigns, have the right to assign or transfer this Servitude Agreement, and all rights granted or created herein, in whole or in part to or among one or more persons, with each such person having the full rights and privileges herein granted, only after express written consent of



Grantor, which consent shall not be unreasonably withheld. No assignment of rights in this Servitude Agreement shall relieve or release the Grantee, or Grantee's successors and assigns, from any obligations owed by Grantee to Grantor under this Servitude Agreement, and any assignment to be made by Grantee and/or by its successors and assigns, shall require the assignee therein to assume any and all obligations imposed on the Grantee to the Grantor in this Servitude Agreement.

16. Related Defaults by Grantor. In the event of default of payment by Grantor of any mortgage, deed of trust, taxes or any amount secured by line on the above described lands, the Grantee shall have the right, but not the obligation, at any time, to redeem for Grantor said lands described above and, upon such redemption, Grantee shall be subrogated to the rights of the holder of such mortgage, deed of trust or other line with respect to said lands.

17. Binding Effect. The terms and conditions hereof shall extend to and be binding upon and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, devisees, successors, and assigns.

18. Entire Agreement. Subject to the terms hereof, Grantee shall have all other rights and benefits necessary, convenient or useful for the full and complete enjoyment and use of the Servitude for the purposes stated herein, including the right to all subsurface lateral support on other adjoining lands of Grantor that are necessary to maintain the pipeline. This document fully sets forth the terms and conditions mutually agreed to by the parties and there are no other oral or written agreements between the Grantor and Grantee which modify, alter or amend this Servitude.

19. Indemnity.

(a) Grantee shall conduct its operations on the Servitude in compliance with all applicable environmental laws and regulations of any local or parish governing body, the State of Louisiana, United States of America, and all governmental agencies and bodies charged with enforcing environmental regulations. Grantee agrees that the Servitude and Temporary Construction Servitude will be kept free from any environmental damage, including the presence of any hazardous materials or hazardous substances (as said hazardous materials and hazardous substances are defined under federal and state law), arising out of or resulting from the Grantee's operations on the Servitude or Temporary Construction Servitude. Notwithstanding the foregoing, Grantor understands and acknowledges that certain commercially available products used in the drilling, completion and work over of oil and gas wells ("Drilling Fluids") may contain component substances that are defined as "hazardous waste" or "hazardous substances." The natural gas transported through the pipeline on Grantor's property is raw, unprocessed natural gas received at the wellhead. Such natural gas may include residual amounts of Drilling Fluids from time to time. The transportation of such natural gas through the pipeline on Grantor's property will not be a breach of this covenant. In the event any of the operations of Grantee pursuant to this Servitude Agreement results in a loss or damage to the Grantor and/or the presence of hazardous materials and hazardous substances (as defined herein) placed on the Servitude, the Temporary Construction Servitude or Grantor's Land by Grantee, its employees, or subcontractors, Grantee agrees to hold harmless and indemnify Grantor for any loss or damage suffered by Grantor as a result thereof, including all fines and penalties assessed against Grantor by state or federal governmental agencies charged with enforcing environmental regulations, and all costs incurred to restore the environmental condition of the Servitude, Temporary Construction Servitude or Grantor's Land to the condition existing immediately prior to the execution date of this Servitude Agreement. This indemnification shall include, but not be limited to, any and all judgments or penalties to recover the cost of cleanup of any such release of hazardous materials or hazardous substances (as defined herein) by Grantee, its employees, agents, and subcontractors from or upon the Servitude, Temporary Construction Servitude or Grantor's Land and all expenses incurred by Grantor as a result of any civil action brought against Grantor as a result of Grantee's operations, including, but not limited to Grantor's attorneys' fees and all costs of defense. The duty to defend, hold harmless and indemnify the Grantor arises immediately upon the Grantor's notice of any demand, claim, or lawsuit that comes within the scope of this provision and any reasonable defense costs incurred in defending Grantor, its members, successors, or assigns, shall be paid by Grantee on behalf of Grantor. The indemnity provisions of this paragraph shall not apply if the loss or damage to the Grantor and/or the presence of hazardous materials and hazardous substances (as defined herein) results solely from the gross negligence or willful misconduct of Grantor, its members, successors or assigns.

(b) Grantee shall be solely responsible for all damage to property and injury to persons, including death, by reason of, or in connection with its operations hereunder, and does hereby agree to protect, save harmless, and indemnify Grantor from and against any and all claims and liabilities for damages to property and injuries, including death, to persons, including, but not limited to, Grantee's employees, agents, and contractors, arising out of Grantee's operations under this Servitude Agreement, and Grantee shall, at Grantee's sole expense, handle all such claims, defend law suits or other actions which may be brought against Grantor therein, pay all judgments rendered against Grantor therein and reimburse Grantor for any expenditures which it may make on account thereof, including but not limited to Grantor's attorneys' fees and costs of defense, unless such damage or injury is caused solely by Grantor's gross negligence or willful misconduct. Grantee agrees it will obtain a comprehensive general liability policy (the "Policy") covering the Grantee's operations as referred to herein, which Policy shall provide for coverage limits of not less than \$5,000,000.00 per occurrence, with Grantor named as an additional insured in the Policy. Such Policy shall be endorsed to be primary over any insurance carried by Grantor. The Policy shall contain a provision that the Grantor shall be given a minimum of ten (10) days written notice by the insurer prior to the cancellation, termination, or change in such insurance. Grantee shall furnish a certificate of insurance to the Grantor, which shall confirm that the Policy is in full force and effect, with the appropriate limits of coverage, and that the Grantor is named as an additional named insured in the Policy. Such insurance requirements may be met by a combination of self-insurance, primary and excess insurance policies, provided that (a) the maximum amount of liability exposure which the Grantee, or its successors and assigns, may self-insure against is limited to one million dollars (\$1,000,000.00) and (b) the Grantee's, or its successor's and assign's, obligations to Grantor, its members, successors, or assigns, with respect to indemnification and holding the Grantor, its members, successors, and



assigns, harmless apply regardless of whether Grantee, or its successors and assigns, have exhausted applicable self-insurance. The duty to defend, indemnify and hold Grantor harmless arises immediately upon the Grantor's notice of any demand, claim, or lawsuit that comes within the scope of this provision, and any reasonable defense costs incurred in defending Grantor shall be paid by Grantee on behalf of Grantor.

IN WITNESS WHEREOF, the Parties have executed this Agreement in duplicate originals on the dates of their respective acknowledgments but effective as of the Effective Date.

WITNESSES:  
[Signature]  
(Signature of 1<sup>st</sup> Witness)  
Jacob C. Henry Jr.  
(Print name of 1st Witness)

[Signature]  
(Signature of 2<sup>nd</sup> Witness)  
Nancy S. Duke  
(Print name of 2<sup>nd</sup> Witness)

GRANTOR:  
[Signature]  
Franks Investment Company, L.L.C.  
By: [Signature]  
Bobby E. Jelks, Manager

WITNESSES:  
[Signature]  
(Signature of 1<sup>st</sup> Witness)  
Sarah Hodges  
(Print name of 1st Witness)

[Signature]  
(Signature of 2<sup>nd</sup> Witness)  
Holly M. Natt  
(Print name of 2<sup>nd</sup> Witness)

GRANTEE:  
Louisiana Midstream Gas Services, L.L.C.  
By: [Signature]  
J. Michael Stice  
President & Chief Operating Officer  
[Signature]

ACKNOWLEDGMENT

STATE OF LOUISIANA  
PARISH OF Bossier  
17<sup>th</sup> day of March, 2010

On this 17<sup>th</sup> day of March, 2010, before two competent witnesses and me, the undersigned authority, duly qualified and acting as such in and for the above parish, state aforesaid, appeared Bobby E. Jelks, to me personally known, who, being by me duly sworn, did say: That he is the duly authorized Manager of Franks Investment Company, L.L.C., a Louisiana limited liability company, that the foregoing instrument was signed by him on behalf of said company, and that said appearer acknowledged said instrument to be the free act and deed of said company.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.  
[Signature]  
Notary Public in and for the State of Louisiana  
(Notary's Printed Name and ID #)  
My Commission Expires: \_\_\_\_\_

F. Drake Lee, Bar ID No. 08263  
Notary Public  
Caddo Parish, Louisiana  
My Commission Is For Life

ACKNOWLEDGMENT

STATE OF Oklahoma

County OF Oklahoma

On this 15<sup>th</sup> day of March, 2010, before two competent witnesses and me, the undersigned authority, duly qualified and acting as such in and for the above parish, state aforesaid, appeared J. Michael Stice to me personally known, who, being by me duly sworn, did say: That he is the duly authorized President & COO of Louisiana Midstream Gas Services, L.L.C., that the foregoing instrument was signed by him on behalf of said company, and that said appearer acknowledged said instrument to be the free act and deed of said company.

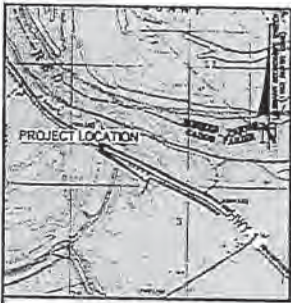
IN WITNESS WHEREOF, I have hereunto set my hand and official seal.



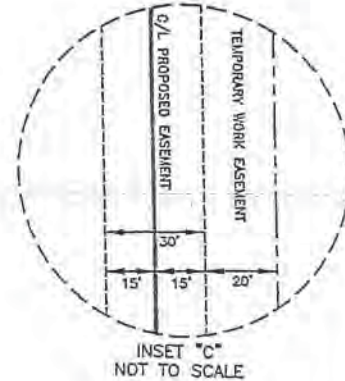
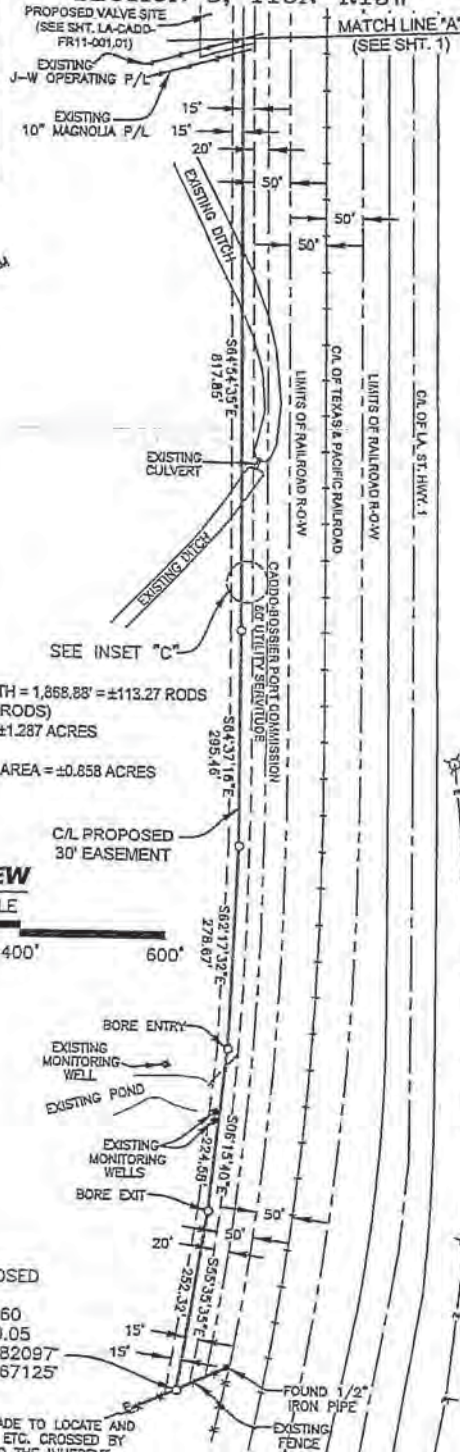
Tarah Bates  
Notary Public in and for the State of Oklahoma  
Tarah Bates 08002337  
(Notary's Printed Name and ID #)  
My Commission Expires: 03/01/2014



**EXHIBIT "A"**  
**CADDO PARISH, LOUISIANA**  
**SECTION 3, T16N-R13W**



VICINITY MAP  
1" = 4,000'



INSET "C"  
NOT TO SCALE

**Franks Investment Company, LLC**  
 LA-CADD-FR11-001.02.01  
 BOOK 3323 PAGE 340  
 (CADDO PARISH CLERK OF COURT)  
**PROPOSED PIPELINE EASEMENT:**  
 SHEET 2 CENTER LINE EASEMENT LENGTH = 1,868.88' = ±113.27 RODS  
 (TOTAL LENGTH = 2,645.58' = ±160.34 RODS)  
 SHEET 2 PROPOSED EASEMENT AREA = ±1.822 ACRES  
 (TOTAL = ±1.822 ACRES)  
 SHEET 2 TEMPORARY WORK EASEMENT AREA = ±0.658 ACRES  
 (TOTAL = ±1.215 ACRES)



**PLAN VIEW**  
GRAPHIC SCALE

P.O.E.  
 C/L PROPOSED EASEMENT  
 N=686584.60  
 E=2920540.05  
 LAT. =32.382097  
 LONG=93.667125'

**NOTES:**  
 AN ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; HOWEVER, DUE TO THE INHERENT LIMITATIONS OF ELECTRONIC MAGNETIC LOCATING EQUIPMENT, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY NOT LOCATED DURING THE COURSE OF THE SURVEY.  
 THIS PLAT WAS PREPARED FOR ACQUISITION PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE "MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.  
 ALL PUBLIC RECORD DOCUMENTS, TITLE INFORMATION AND MAPS UTILIZED FOR ESTABLISHING THE PROPERTY BOUNDARIES AS DEPICTED ON THIS PLAT WAS PROVIDED BY LOUISIANA MIDSTREAM GAS SERVICES, L.L.C. ALL PUBLIC RECORDS RESEARCH WAS PERFORMED BY LOUISIANA MIDSTREAM GAS SERVICES, L.L.C.  
 ALL BEARINGS AND COORDINATES SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN DATUM 1983, LOUISIANA NORTH ZONE.

APPROVED: *Gerard M. Legendre*  
 GERARD M. LEGENDRE, LICENSE NO. 4966



THIS DOCUMENT VALID ONLY WHEN EITHER AN ORIGINAL CERTIFICATION STAMP OR AN EMBOSSED SEAL IS IMPRESSED OVER AN ORIGINAL SIGNATURE.

<b>LOUISIANA MIDSTREAM GAS SERVICES, L.L.C.</b>
PROPOSED PIPELINE EASEMENT CADDO PARISH, LOUISIANA
SURFACE OWNER: FRANKS INVESTMENT COMPANY, LLC

W:\dmg\10381\dmg\row\LA-CADD-FR11-001.02.dwg PLOT DATE: 3/9/10 9:08:20am



DR GWN CH GMP  
 DR APP. GML  
 DATE: 2/23/10  
 JOB. NO. 10381  
 FB/PG  
 EXHIBIT A LA-CADD-FR11-001.02.01



SERVITUDE AGREEMENT

STATE OF LOUISIANA

§  
§  
§

PARISH OF CADDO

Gary Loftin  
Caddo Parish Clerk of Court  
**2378023**  
11/17/2011 10:25 AM

Grantor(s): FRANKS INVESTMENT COMPANY, L.L.C.  
P. O. Box 7626  
Shreveport, LA 71137-7626  
Represented herein by Bobby E. Jelks, Manager

Grantee: KINDERHAWK FIELD SERVICES, L.L.C.  
519 Highway 57  
Haughton, LA 71037-7606  
Represented herein by Johnny Mcbee, Attorney-in-Fact

[Title]

Wendy Clark  
WENDY CLARK  
DEPUTY CLERK

BE IT KNOWN, that FRANKS INVESTMENT COMPANY, L.L.C., being hereinafter referred to as "Grantor," for and in consideration of the sum of Ten and No/100 Dollars (\$10.00), in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and the mutual obligations of the parties undertaken herein, and for and upon such other terms and conditions hereinafter expressed, do hereby grant, transfer, assign, set over and deliver unto Kinderhawk Field Services, L.L.C., being hereinafter referred to as "Grantee," a servitude upon the following agreed terms and conditions:

- Servitude. Grantor grants to Grantee an exclusive servitude of twenty feet (20') in width (hereinafter called the "Servitude"), on, in, over, under, through and across Grantor's land for the purpose of locating, establishing, constructing, laying, installing, operating, using, maintaining, inspecting, testing, protecting, cathodically protecting, repairing, assigning, restoring, renewing, reconstructing, replacing, substituting, changing, altering, converting, and removing therefrom a Class 4 pipeline, together with such appliances, equipment and appurtenant facilities (above and below ground) as from time to time deemed by Grantee to be necessary, useful or convenient in connection with the use and convenient operation of the pipeline, for the transportation of natural gas and its constituents. The Servitude and the land out of which the Servitude is being acquired ("Grantor's Land") are depicted on Exhibit "A" attached hereto and made a part hereof. As depicted on Exhibit "A," the pipeline shall be constructed such that (a) the portion of Grantor's Land burdened by the Servitude for the location of segments 5 through 10 of the pipeline lies entirely within the bounds of the one-hundred foot drainage maintenance servitude owned by the Caddo Levee District (the "CLD Servitude"); and (b) the location of the pipeline is no closer than ten feet (10') to the outer boundary of the CLD Servitude.
- Temporary Construction Servitude. Grantor also grants to Grantee a temporary servitude (hereinafter called "Temporary Construction Servitude") of forty feet (40') in width on, in, over, under, through and across Grantor's Land immediately adjacent to the Servitude and a fifty foot (50') by two-hundred foot (200') square adjacent to the eastern end of segment 13 of the pipeline for the use and occupancy by Grantee, its agents, employees, contractors and subcontractors, only in connection with and during the original construction of the pipeline on the Servitude. The location of the Temporary Construction Servitude is depicted on Exhibit "A" attached hereto and made a part hereof. The Temporary Construction Servitude shall automatically terminate and revert to Grantor, free and clear of any right, title or interest in Grantee, upon whichever first occurs: (a) the completion of construction of the pipeline on the Servitude; or (b) the expiration of one (1) year following the start of construction of the pipeline.
- Grantee's Access. Grantee's right of ingress and egress to and from Grantor's Land shall be limited and confined to the boundaries of the Servitude and to the boundaries of the Temporary Construction Servitude while such Temporary Construction Servitude remains in effect.
- Verification of Location of Pipeline Prior to Construction. Prior to commencement of construction of the pipeline, Grantee shall stake the following on Grantor's Land: (a) each of the points (the "Points") identified on Exhibit "A" as marking the beginning or ending point of a segment of the pipeline, and (b) for each such point, on a line perpendicular to Bayou Pierre, the outer boundary of the CLD Servitude as identified by Grantee. Grantee shall notify Grantor when the staking has been completed, and within ten days thereafter Grantor shall inspect the location and notify Grantee whether Grantor approves of the pipeline location. In the event any of the Points is determined to be at a location other than as depicted on Exhibit "A," Grantee shall be required to relocate such Point(s) to the proper location.
- Servitude Clean Up. Upon completion of operations to construct the pipeline, or upon completion thereafter of any operations to maintain, repair, restore, renew, reconstruct, replace, substitute, change, alter, or convert the pipeline, Grantee agrees promptly to restore the surface of the Servitude herein granted (and, in the case of the original construction, the surface of the Temporary Construction Servitude herein granted) as nearly as practicable to the surface that existed as of the time of commencement of Grantee's operations, including but not limited to the removal of all debris created by such operations. In the event settling of the ground surface occurs as a result of any operations conducted by Grantee, Grantee agrees to restore the area promptly to the proper level if so requested by Grantor.
- Permits and Licenses. Grantee warrants and represents that (a) it has identified and obtained all permits and licenses required by any local, state or federal agency having jurisdiction to regulate the activities and operations of



Grantee contemplated by this Servitude; and (b) throughout the term of this Servitude all of Grantee's operations shall be conducted in accordance with the terms of such permits and licenses, including but not limited to the terms and specifications of the permit issued by the Caddo Levee District on October 12, 2011, and in accordance with all applicable laws, rules and regulations of any authority having jurisdiction over Grantee's operations.

7. Grantee's Cathodic Protection and Signage. Grantee shall have the right to cathodically protect the pipeline within the boundaries of the Servitude, and to install and maintain above-ground pipeline markers (which, to the extent not otherwise required by law, shall be of design approved by Grantor), vent pipes, and cathodic protection devices, power poles and test leads within the boundaries of the Servitude only at property lines, creek crossings, road crossings, railroads and at any other location as required by law.

8. Pipeline Size and Depth. The width of the pipeline will be no larger than sixteen inches (16"). It will be buried to a minimum depth of (a) sixty inches (60") below the surface of the ground at the time of construction and any then existing drainage ditches, creeks and roads, measured from the top of the pipe to the surface of the ground; or (b) such depth at any point as may be required by existing law or regulation, whichever is deeper.

9. Abandonment and Removal. Grantee agrees that, in the event of non-use of the pipeline by Grantee, it successors or assigns for a period of eighteen consecutive months, the Servitude shall be considered abandoned, and Grantee shall furnish at its expense, upon the written request of Grantor, a release of the Servitude. Within 90 days of abandonment of the Servitude, Grantee shall commence the removal from Grantor's Land of the pipeline and any surface facilities used in connection therewith owned by Grantee, and such removal shall be completed within 90 days thereafter. In the event of the failure to commence removal of the pipeline and other facilities within 90 days of abandonment or to complete such removal within said 90 days thereafter, Grantor may remove the pipeline and other facilities, and Grantee shall be liable to reimburse Grantor for the cost of removal.

10. Number of Pipelines. This Servitude shall be for one pipeline only.

11. Initial and Future Damages Caused by Grantee. Except as set forth in Paragraph 6, above, and after the initial construction, Grantee agrees to pay Grantor for all future damages to livestock, crops, improvements or other property of Grantor permitted to be located on the Servitude by the terms hereof where such damage is caused by Grantee or its agents, servants, employees, contractors or subcontractors in performing such future construction or other pipeline-related activities on the Servitude. Grantor agrees and understands Grantee's consideration herein acknowledged and paid does include payment of and for all initial damages caused by the initial construction of the pipeline and appurtenances, if any, including temporary work space, crop, timber and land surface damages.

12. Grantor's Reservation of Mineral Rights. Grantor reserves to itself, its successors and assigns all of its interest in the oil, gas and other minerals underlying the surface subject to the Servitude ("Grantor's Minerals"); provided, however, that Grantor shall not be permitted to explore, drill, mine, produce or operate for Grantor's Minerals on the surface of the Servitude, but will be permitted to extract Grantor's Minerals from under the Servitude by directional drilling or other means, from land located outside the boundaries of the Servitude, so long as Grantee's use of the Servitude for the purposes set forth herein is not disturbed and the pipeline and facilities located thereon are left with proper, sufficient and permanent support and are not endangered, obstructed, injured or impaired.

13. Additional Rights of Grantor. Grantee understands and acknowledges that (a) Grantor's Land subject to and adjacent to the Servitude is presently suitable for agricultural use; (b) residential and/or commercial development is likely to occur at some time during the existence of the Servitude on Grantor's Land adjacent to the Servitude (and in the surrounding area); and (c) in either event, it is essential that the present ability of Bayou Pierre and its tributaries to drain Grantor's Land not be impaired. Therefore, Grantee agrees:

(A) Grantee shall construct, operate and maintain the pipeline so as not to interfere with or impair the drainage capacity of any public drainage channel, including Bayou Pierre and its tributaries, to drain Grantor's Land.

(B) Grantor shall have the right to plant, grow and harvest crops and gardens thereon and graze livestock on the Servitude.

(C) In order to facilitate development of Grantor's Land, Grantor shall have the right to place along, across and over the Servitude as many roads, streets, sidewalks, passageways, and utilities (including water, sewer, electrical distribution and supply, cable, telephone and gas service) as Grantor may desire; provided, however, that (i) if any utility service is placed across the Servitude, it will be spaced a minimum of twelve inches (12") above or below the pipeline; and (ii) if any utility service is placed along Servitude, it will be placed no closer than five feet (5') from the pipeline.

(D) To the extent not otherwise prohibited by law, after construction of the pipeline is completed, Grantor shall have the right to construct, plant and maintain aesthetic landscaping within the boundaries of the servitude. Grantee agrees that, in the course of operation and maintenance of the pipeline, Grantee shall neither damage nor destroy any such landscaping unless such damage or destruction is both necessary and essential to the safe operation or maintenance of the pipeline.

14. Grantee's Withholding of Certain Taxes. The Internal Revenue Code provides that a Grantee of a real property interest in the United States must withhold tax if the Grantor is a foreign person. Grantor hereby certifies under oath and subject to penalties of perjury that Grantor is not a foreign person, foreign corporation, foreign trust or foreign estate, for purposes of Internal Revenue Code compliance.



15. Grantee's Assignment. Grantee, and Grantee's successors and assigns, have the right to assign or transfer this Servitude Agreement, and all rights granted or created herein, in whole or in part to or among one or more persons, with each such person having the full rights and privileges herein granted only upon the express written consent of Grantor. No assignment of rights in this Servitude Agreement shall relieve or release the Grantee, or Grantee's successors and assigns, from any obligations owed by Grantee to Grantor under this Servitude Agreement, and any assignment to be made by Grantee and/or by its successors and assigns, shall require the assignee therein to assume any and all obligations imposed on the Grantee to the Grantor in this Servitude Agreement.

16. Binding Effect. The terms and conditions hereof shall extend to and be binding upon and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, devisees, successors, and assigns.

17. Entire Agreement. This document fully sets forth the terms and conditions mutually agreed to by the parties and there are no other oral or written agreements between the Grantor and Grantee which modify, alter or amend this Servitude. It may be amended hereafter only by written instrument signed by Grantor and Grantee or their successors in interest.

18. Indemnity.

(a) Grantee shall conduct its operations on the Servitude in compliance with all environmental laws and regulations of any local or parish governing body, the State of Louisiana, United States of America, and all governmental agencies and bodies charged with enforcing environmental regulations. Grantee agrees that the Servitude and Temporary Construction Servitude will be kept free from any environmental damage, including the presence of any hazardous materials or hazardous substances (as such hazardous materials and hazardous substances are defined under federal and state law), arising out of or resulting from the Grantee's operations on the Servitude or Temporary Construction Servitude. In the event any of the operations of Grantee pursuant to this Servitude Agreement results in a loss or damage to the Grantor and/or the presence of hazardous materials and hazardous substances placed on the Servitude, the Temporary Construction Servitude or Grantor's Land caused by Grantee, its employees or subcontractors, Grantee agrees to hold harmless and indemnify Grantor for any loss or damage suffered by Grantor as a result thereof, including all fines and penalties assessed against Grantor by state or federal governmental agencies charged with enforcing environmental regulations, and all reasonable costs incurred to restore the environmental condition of the Servitude, Temporary Construction Servitude or Grantor's Land to the condition existing prior to the execution of this Servitude Agreement, unless such damage or injury is caused solely by Grantor's gross negligence or willful misconduct. This indemnification shall include, but not be limited to, any and all judgments or penalties to recover the reasonable cost of cleanup of any such release of hazardous materials or hazardous substances by Grantee, its employees, agents, and subcontractors from or upon the Servitude, Temporary Construction Servitude or Grantor's Land and all expenses incurred by Grantor as a result of any civil action brought against Grantor as a result of Grantee's operations, including, but not limited to, Grantor's reasonable attorneys' fees and costs of defense. The provisions of this paragraph shall apply regardless of acquiescence or negligence or allegations thereof on the part of either party and shall apply notwithstanding any other provision of this Servitude Agreement to the contrary, unless such damage or injury is caused solely by Grantor's gross negligence or willful misconduct. The duty to defend, hold harmless and indemnify the Grantor arises immediately upon the Grantor's notice to Grantee of any demand, claim, or lawsuit that comes within the scope of this provision and any reasonable defense costs incurred in defending Grantor, its members, successors, or assigns, shall be paid by Grantee on behalf of Grantor.

(b) Grantee shall be solely responsible for all damage to property and injury to persons, including death, by reason of, or in connection with, its operations hereunder, and does hereby agree to protect, save harmless, and indemnify Grantor from and against any and all claims and liabilities for damages to property and injuries, including death, to persons, including, but not limited to, Grantee's employees, agents, and contractors, arising out of Grantee's operations under this Servitude Agreement, and Grantee shall, at Grantee's sole expense, handle all such claims, defend lawsuits or other actions which may be brought against Grantor therein, pay all judgments rendered against Grantor therein and reimburse Grantor for any reasonable expenditures which it may make on account thereof, including but not limited to Grantor's reasonable attorneys' fees and costs of defense, unless such damage or injury is caused solely by Grantor's gross negligence or willful misconduct. Grantee agrees it will obtain a comprehensive general liability policy (the "Policy") covering the Grantee's operations as referred to herein, which Policy shall provide for coverage limits of not less than \$5,000,000.00 per occurrence, with Grantor named as an additional insured in the Policy. Such Policy shall be endorsed to be primary over any insurance carried by Grantor. Grantor shall be given a minimum of ten (10) days written notice prior to the cancellation of such insurance. Grantee shall furnish a certificate of insurance to the Grantor, which shall confirm that the Policy is in full force and effect, with the appropriate limits of coverage, and that the Grantor is named as an additional insured in the Policy. Such insurance requirements may be met by a combination of self-insurance, primary and excess insurance policies, provided that (a) the maximum amount of liability exposure which the Grantee, or its successors and assigns, may self-insure against is limited to one million dollars (\$1,000,000.00) and (b) the Grantee's, or its successor's and assign's, obligations to Grantor, its members, successors, or assigns, with respect to indemnification and holding the Grantor, its members, successors, and assigns, harmless apply regardless of whether Grantee, or its successors and assigns, has exhausted applicable self-insurance. The duty to defend, indemnify and hold Grantor harmless arises immediately upon the Grantor's notice of any demand, claim, or lawsuit that comes within the scope of this provision, and any reasonable defense costs incurred in defending Grantor shall be paid by Grantee on behalf of Grantor.

IN WITNESS WHEREOF, Grantor and Grantee have executed this agreement to be effective as of the \_\_\_\_\_ day of \_\_\_\_\_, 2011.

**WITNESSES:**

Nancy S. Duke  
(Signature of 1<sup>st</sup> Witness)  
Nancy S. Duke  
(Print name of 1<sup>st</sup> Witness)

D. F. Marlowe  
(Signature of 2<sup>nd</sup> Witness)  
D. F. Marlowe  
(Print name of 2<sup>nd</sup> Witness)

**WITNESSES:**

Fred M. Taylor Jr  
(Signature of 1<sup>st</sup> Witness)  
FRED M Taylor Jr  
(Print name of 1<sup>st</sup> Witness)

Rick Sellers  
(Signature of 2<sup>nd</sup> Witness)  
Rick Sellers  
(Print name of 2<sup>nd</sup> Witness)

**GRANTOR:**

Franks Investment Company, L.L.C.  
By: Bobby E. Jicks  
Bobby E. Jicks, Manager

**GRANTEE:**

B.H.  
Kinderhawk Field Services, L.L.C.  
By: [Signature] MKW



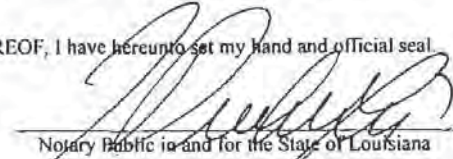
ACKNOWLEDGMENT

STATE OF LOUISIANA

PARISH OF Cassier

On this 4<sup>th</sup> day of November, 2011, before two competent witnesses and me, the undersigned authority, duly qualified and acting as such in and for the above parish, state aforesaid, appeared Bobby E. Jelks, to me personally known, who, being by me duly sworn, did say: That he is the duly authorized Manager of Franks Investment Company, L.L.C., a Louisiana limited liability company, that the foregoing instrument was signed by him on behalf of said company, and that said appearer acknowledged said instrument to be the free act and deed of said company.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.



Notary Public in and for the State of Louisiana

(Notary's Printed Name and ID #)

My Commission Expires: \_\_\_\_\_

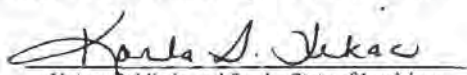
F. Drake Lee, Bar ID No. 08263  
Notary Public  
Caddo Parish, Louisiana  
My Commission Is For Life

ACKNOWLEDGMENT

Texas  
STATE OF LOUISIANA  
County  
PARISH OF Harris

On this 10<sup>th</sup> day of November, 2011, before two competent witnesses and me, the undersigned authority, duly qualified and acting as such in and for the above parish, state aforesaid, appeared Jahony McGee to me personally known, who, being by me duly sworn, did say: That he is the duly authorized Attorney in Fact of Kinderhawk Field Services, L.L.C., that the foregoing instrument was signed by him on behalf of said company, and that said appearer acknowledged said instrument to be the free act and deed of said company.

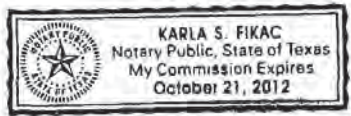
IN WITNESS WHEREOF, I have hereunto set my hand and official seal.



Notary Public in and for the State of Louisiana

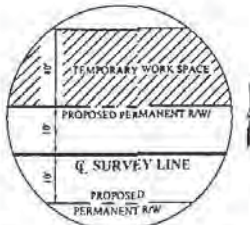
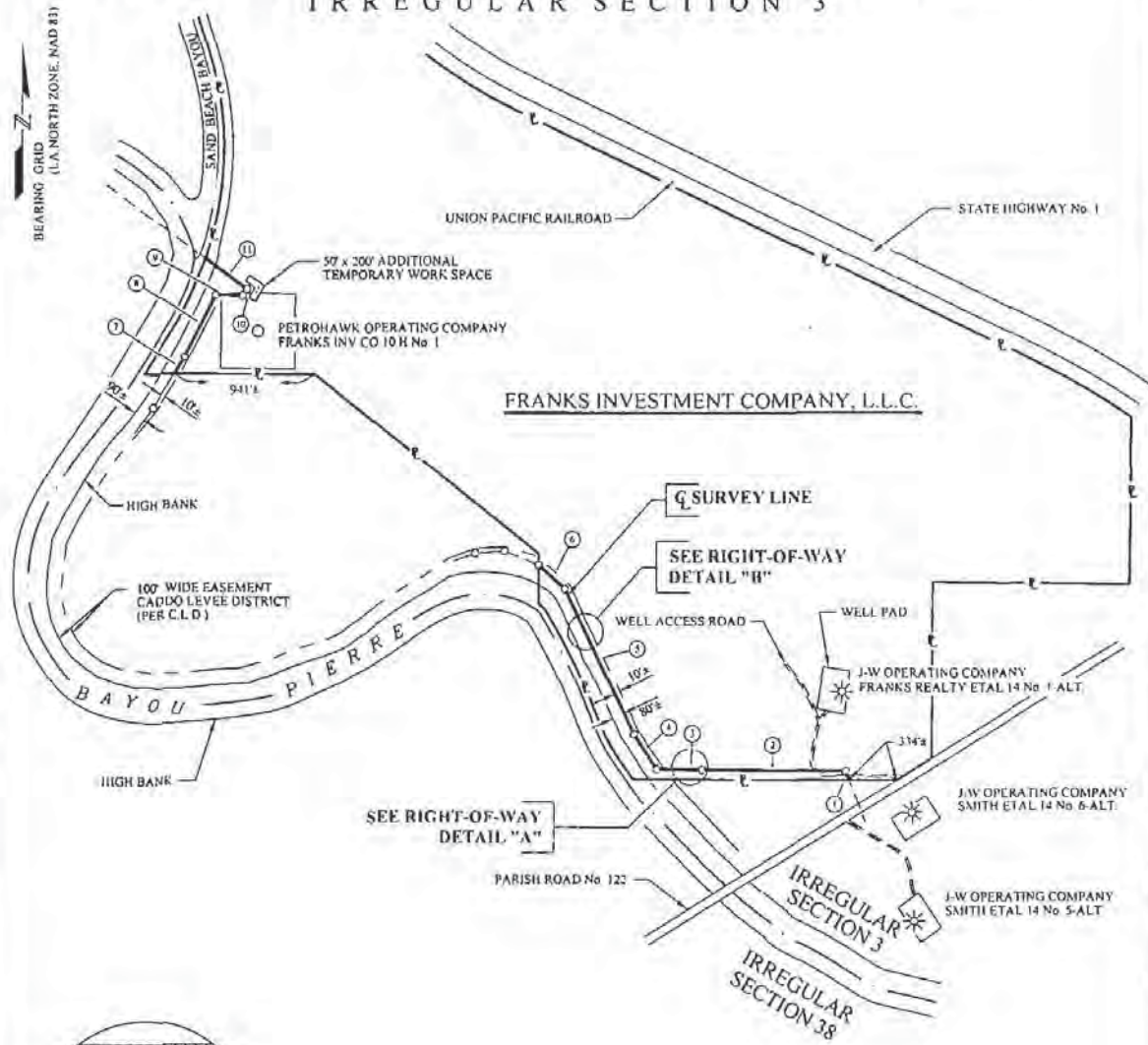
Karla S. Fikac  
(Notary's Printed Name and ID #)

Notary Public in and for Harris County, TX  
Parish, LA

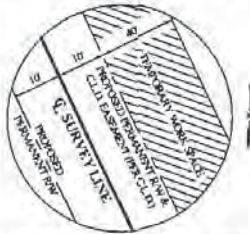




CADDO PARISH, LOUISIANA  
 NORTHWESTERN LAND DISTRICT  
 TOWNSHIP 16 NORTH, RANGE 13 WEST  
 IRREGULAR SECTION 3



**RIGHT-OF-WAY DETAIL "A"**  
 N.T.S.  
 (LINE SEGMENTS 1 THRU 3 & 9 THRU 11)



**RIGHT-OF-WAY DETAIL "B"**  
 N.T.S.  
 (LINE SEGMENTS 4 THRU 8)

C/L SURVEY LINE		
COURSE	DISTANCE	BEARING
1	56±	N 21°24' W
2	958±	N 89°21' W
3	304±	N 89°11' W
4	278±	N 33°19' W
5	1070±	N 25°55' W
6	239±	N 48°12' W
7	129±	N 32°38' E
8	466±	N 27°08' E
9	176±	S 89°31' E
10	20±	N 30°24' E
11	394±	N 53°51' W
<b>TOTAL</b>	<b>4090±</b>	

**FRANKS INVESTMENT COMPANY, L.L.C.**

TRACT 09  
 RODS 247.88  
 ACRES 1.88 PERMANENT R/W  
 ACRES 3.76 TEMPORARY WORK SPACE  
 ACRES 0.23 ADDITIONAL TEMP WORK SPACE  
 20' WIDE PERMANENT R/W  
 40' WIDE TEMPORARY WORK SPACE  
 50' x 200' ADDITIONAL TEMP WORK SPACE

LINE: WALLACE LAKE EXT. (PHASE II) -  
 55236332000100)

REVISIONS				
NO.	DATE	DESCRIPTION		
1	11/14/11	LINE CHANGE		
PRINT RECORD				
NO.	DATE	TO	CHECKED	BY
4	11/14/11	PETRO LAND SERVICES SOUTH, LLC	CHECKED	CWA (11/14/11)
EFT	11/14/11	HFS FILES AND INTERESTS	PROJ. APP	
WAYNE ACREE P.L.S., INC.		SURVEYED 04/20/11		
A Professional Surveying Corporation		PROJ. NO. 06551		
P.O. BOX 96, WEST MOHORE, LOUISIANA		FIELD BK. No.		
(118) 388-3237		APE No.: 55236332000100)		

WAYNE ACREE P.L.S. NO. 4465  
 673

**KinderHawk Field Services, LLC**

APPROXIMATE LOCATION OF R/W  
 ACROSS THE PROPERTY OF  
 FRANKS INVESTMENT COMPANY, L.L.C.  
 IRREGULAR SECTION 3, T 16 N, R 13 W  
 NORTHWESTERN LAND DISTRICT  
 CADDO PARISH, LOUISIANA

SCALE: 1"=1000'      DWG. NO. 6551PP12      REV. 1

607848 M.C. X

REC: CONV BOOK 1417, page 394:db

# OIL, GAS AND MINERAL LEASE

THIS AGREEMENT made this 15th day of May 1973 between

F. F. WEBB TRUST; herein represented by CLARENCE H. WEBB, CLARENCE H. WEBB, DORIS YEARWOOD ELGIN, JOHN CREIGHTON WEBB, FREDERICK H. WEBB, III, and CHAS. L. MAYER, as Trustees, whose mailing address is 6225 Kathy Circle, Shreveport, Louisiana 71105

FILED & RECORDED  
CADDOPARISH, LA.

OCT 28 10 00 PM '73

*Pauline Webb*  
DEPUTY CLERK & RECORDER

SCANNED BY 09032009

607848

lessor (whether one or more), and G. E. BUDDECKE, JR., husband of Ellen Simmons, Shreveport, La. lessee, WITNESSETH:

I. Lessor in consideration of ONE THOUSAND and other valuable consideration-----Dollar (\$1,000.00 & OVO), in hand paid, of the royalties herein provided, and of the agreement of lessee herein contained hereby grants, leases and lets exclusively unto lessee for the purposes of investigating, exploring, prospecting, drilling and mining for and producing oil, gas and all other minerals, laying pipe lines, building tanks, power stations, telephone lines, and other structures thereon to produce, save, take care of, treat, transport and own said products and for dredging and maintaining canals, constructing roads and bridges, and building houses for its employees, and, in general, for all appliances, structures, equipment, servitudes and privileges which may be necessary, useful or convenient to or in connection with any such operations conducted by lessee thereon, or on any adjacent lands, the following described land in Caddo Parish, Louisiana, to-wit:

That certain plantation located at Lucas, Caddo Parish, Louisiana, generally known as the Webb Plantation, and more particularly described as follows:

Those certain lands in Caddo Parish, Louisiana, fronting on Red River, near Lucas, presently known as the Levy Plantation, more fully described as Lot 15 of the Daniel Lands in SECTION 10 and Lots 2 and 6 of Daniel Lands and all that part of Lot 5 of Daniel Lands east of Bayou Pierre, all in SECTION 14; and a tract fronting one mile on Red River and located in SECTIONS 10, 11, 13, 14 and 15, said tract having been formerly known as the Norris Tract, and forming a part now of the Levy Plantation, and being the same property, less such part thereof as has gone into Red River, acquired by Morris Levy of date August 8, 1863 per deed in Conveyance Book "O", page 497 of records of Caddo Parish, Louisiana, made a part hereof by reference, together with any excess lands that may lie between the northerly edge hereof and other lands of the F. F. Webb Estate; and together with and including all alluvian and accretion attached thereto and forming a part thereof, subject to right-of-way of Texas & Pacific Railway and of Model Highway and less 3.8 acres thereof lying south of Bayou Pierre;



All of the above described properties are located in TOWNSHIP 16 NORTH, RANGE 13 WEST, Caddo Parish, Louisiana, containing 586 acres, more or less;

Also a tract of 11.46 acres in NE $\frac{1}{2}$  of SECTION 10, TOWNSHIP 16 NORTH, RANGE 13 WEST, lying within the triangle bound on north and east by center line of abandoned railway right-of-way, on SE by northerly line of above described Levy Place and on West by East line of Texas & Pacific Railway Company right-of-way; also all those portions of SECTIONS 8, 9, 10 and 15, TOWNSHIP 16 NORTH, RANGE 13 WEST lying west of Texas & Pacific Railway right-of-way and north and east of Bayou Pierre, save and except the portions of SECTION 10 and 15 contained within Levy Tract hereinabove first described; also all those portions of SECTIONS 3, 4, and 5, TOWNSHIP 16 NORTH, RANGE 13 WEST lying west of Texas & Pacific Railway right-of-way, east of Bayou Pierre and south of public road known and designated as Forbing-Lucas Road; also all those portions of SECTION 4, TOWNSHIP 16 NORTH, RANGE 13 WEST lying south of Texas & Pacific Railway right-of-way, west of Sand Beach Bayou, south and east of Mile Bayou and north of public road known and designated as Forbing-Lucas Road; also all that part of SECTION 5, TOWNSHIP 16 NORTH, RANGE 13 WEST lying south of Mile Bayou, east of center line of said section and north of Forbing-Lucas public road; also that part of said SECTION 5 lying north of Mile Bayou and east of Bayou Pierre, save and except Lot 1 of said section, and also all that part of SECTION 32, TOWNSHIP 17 NORTH, RANGE 13 WEST lying south of Texas & Pacific Railway right-of-way and east of Bayou Pierre, all of said lands being located in Caddo Parish, Louisiana and containing 1,173 acres more or less, covering and including also 1-1/3 acres sold F. F. Webb, Jr. (Conveyance Book 337, page 505) & reconveyed by his widow and children.

Also three acres in NW $\frac{1}{4}$  of SW $\frac{1}{4}$  of SECTION 4, TOWNSHIP 16 NORTH, RANGE 13 WEST, per Accessor's Country Plat No. 178, Tracts 19 and 20, Caddo Parish, Louisiana.

Also tract acquired from Texas & Pacific Railroad Company by exchange deed, dated March 15, 1957, as per Conveyance Book 831, page 508.

The aforesaid tracts of land contain a total of 1762 acres more or less, together with all buildings and improvements thereon.

Less and except 5 acres more or less sold to the Episcopal Diocese as per deed of record in Conveyance Book 1228, page 318 and dated April 1, 1969; and a tract of approximately 1 $\frac{1}{2}$  acres sold to Southwestern Electric Power Company dated September 9, 1970, as per instrument filed of record under Register No. 514247; and a tract consisting of .733 acre sold to State of Louisiana Department of Highways as per instrument dated August 13, 1970, and of record in Conveyance Book 1273, page 486.

Lot 1 of SECTION 5, TOWNSHIP 16 NORTH, RANGE 13 WEST, Caddo Parish, Louisiana, also being described as NE $\frac{1}{2}$  of NE $\frac{1}{2}$  of said section, less right-of-way owned by Texas & Pacific Railway Company; and a certain tract or parcel of land being a part of Lots 4 and 5 of the J. R. J. Daniels lands as per original deed recorded in Conveyance Book 109, page 774 of records of Caddo Parish, Louisiana.

SIGNED FOR IDENTIFICATION/BY:

Clarence H. Webb  
Robert S. Webb  
Doris Yearwood Elgin

Frederick F. Webb  
John Clayton Webb  
Chas. L. May Jr.



(Where the fraction 1/8 appears in Paragraph No. 3 hereof, the same shall read 5/32. The purpose hereof is to cause Lessor to receive 1/32 royalty in addition to the 1/8 provided for in said paragraph.)

For all purposes of this lease the described premises shall be treated as comprising 1.797 acres, whether there be more or less.

2. Subject to the other provisions herein contained, this lease shall be for a term of ~~ten~~<sup>two</sup> years from this date (called "primary term") and as long thereafter as oil, gas or other minerals are produced from said lands or land with which said land is pooled hereunder.

(a) It is the intention of the parties that this lease shall also extend and apply to all outstanding mineral rights or servitudes affecting the lands herein described as the same may revert to lessors, their heirs or assigns, from time to time.

3. The royalties to be paid by lessee are:

(a) On oil, and other hydrocarbons which are produced at the well in liquid form by ordinary production methods, 1/8 of that produced and saved from said land, same to be delivered at the well in tanks provided by lessor, or to the credit of lessor into the pipe line to which wells may be connected; lessee may from time to time purchase any royalty oil or other liquid hydrocarbons in its possession, paying the market price thereof prevailing for the field where produced, on the date of purchase;

(b) On gas, including casinghead gas and other vaporous or gaseous substances produced from said land as follows:

First: In case lessee shall itself use gas in the manufacture of gasoline or other petroleum products therefrom, 1/8 of the sale price at the plant of the gasoline or other petroleum products manufactured or extracted therefrom and which are saved and marketed, after deducting a fair and reasonable cost for extracting or manufacturing said gasoline or other substance, and 1/8 of the market value of residue gas sold or used by lessee in operations not connected with the land herein leased. No deduction for extraction costs shall be made for liquid hydrocarbons recovered by use of drip, separator or similar apparatus on the flow line of wells, and, except as to gas being used for repressuring or recycling purposes, upon written request by lessor, lessee shall, prior to the sale or use of gas from such wells, install and use such apparatus on any well or wells capable of producing liquid hydrocarbons in paying commercial quantities.

Second: In the event lessee shall sell gas at the wells, 1/8 of the amount received from such sales.

Third: In all other cases when sold or used off the premises, the price received at the well for 1/8 of the gas sold or 1/8 of the fair value of gas used.

(c) Where gas from a well producing gas only is not sold or used because of no market or demand therefor, lessee may pay as royalty \$50.00 per well, per year, payable quarterly, and upon such payment it will be considered that gas is being produced within the meaning of Article 2 of this contract.

(d) On all other minerals or kindred products mined, manufactured and marketed, 1/8 either in kind or value at the well or mine, at lessee's election, except that on sulphur the royalty shall be 50c per long ton.

(e) Such gas, casinghead gas, residue gas, or gas of any other nature or description whatsoever, as may be disposed of for no consideration to lessee, through unavoidable waste or leakage, or in order to recover oil and other liquid hydrocarbons, or returned to the ground, shall not be deemed to have been sold or used off the premises, within the meaning, expressed or implied, of any part of this lease.

4. If operations for drilling are not commenced on said land on or before one year from this date, the lease shall then terminate as to both parties unless on or before such anniversary date lessee shall pay or tender to lessor or to the credit of lessor in The First National Bank of Shreveport, Shreveport, Louisiana (which bank and its successors are lessor's agent and shall continue as the depository for all rentals payable hereunder regardless of changes in ownership of said land or the rentals) the sum of ONE THOUSAND SEVEN HUNDRED

SEVENTY-SEVEN and No/100 Dollars (\$1,777.00), (herein called rental) which shall cover the privilege of deferring commencement of drilling operations for a period of twelve (12) months. In like manner and upon like payments or tenders annually the commencement of drilling operations may be further deferred for successive periods of twelve (12) months each during the primary term. The payment



or tender of rental may be made by the check or draft of lessee mailed or delivered to lessor or to said bank on or before such date of payment. If such bank (or any successor bank), should fail, liquidate or be succeeded by another bank, or for any reason fail or refuse to accept rental, lessee shall not be held in default for failure to make such payment or tender of rental until thirty (30) days after lessor shall deliver to lessee a proper recordable instrument, naming another bank as agent to receive such payments or tenders. The down cash payment is consideration for this lease according to its terms and shall not be allocated as mere rental for a period. Lessee, or any assignee hereunder, may at any time execute and deliver to lessor, or to the depository above named, or place of record, a release or releases covering any portion or portions of the premises held by him, and thereby surrender this lease as to such portion or portions, and there after the rentals payable by him shall be reduced proportionately.

5. If prior to discovery of oil, gas, sulphur or other mineral on said land, lessee should drill a dry hole or holes thereon, or if after discovery of oil, gas, sulphur or other mineral, the production thereof should cease from any cause, this lease shall not terminate if lessee commences operations for additional drilling or reworking within sixty days there after or (if it be within the primary term) commences additional drilling operations or commences or resumes the payment or tender of rentals on or before the rental paying date next ensuing after the expiration of three months from date of completion of dry hole or cessation of production. If during the last year of the primary term and prior to the discovery of oil, gas, sulphur or other minerals on said land lessee should drill a dry hole thereon, no rental payment or operations are necessary in order to keep the lease in force during the remainder of the primary term. If at the expiration of the primary term oil, gas or other mineral is not being produced on said land but lessee is then engaged in drilling or reworking operations thereon, the lease shall remain in force so long as operations are prosecuted with no cessation of more than thirty (30) consecutive days, and if they result in the production of oil, gas or other mineral, so long thereafter as oil, gas or other mineral is produced from said land. In the event a well or wells producing oil or gas in paying quantities should be brought in on adjacent land and draining the leased premises, lessee agrees to drill such offset wells as a reasonably prudent operator would drill under the same or similar circumstances.

6. If at any time while this lease is in force and effect lessee in its opinion deems it advisable and expedient, in order to form a drilling unit or units to conform to regular or special spacing rules issued by the Commissioner of Conservation of the State of Louisiana, or by any other State or Federal authority having control of such matters, or in order to conform to conditions imposed upon the issuance of drilling permits, lessee shall have the right, at its option, to pool or combine the lands covered by this lease, or any portion or part thereof, with other land, lease or leases in the immediate vicinity thereof, whether such land, lease or leases are held by lessee or by others, such pooling to be into a unit or units not exceeding the number of acres, or the land subdivision, whichever may be the larger, allocated to one well by the above mentioned authority or authorities, and to be applicable only to such sands, horizons or strata as are covered by such regulations. Lessee shall execute in writing and record in the conveyance records of the parish in which the land herein leased is situated, an instrument identifying and describing the pooled acreage, and shall mail to the named lessor herein at his last known post office address, by registered mail, a certified copy of such instrument. As between the parties hereto and except as herein otherwise specifically provided, the entire acreage so pooled into a tract or unit be treated for all purposes as if it were included in this lease. In lieu of the royalties elsewhere herein specified, lessor shall receive, on the production from the unit so pooled, only such proportion of the royalties stipulated herein as the amount of his acreage (mineral rights) placed in the unit bears to the total acreage so pooled in the particular unit involved. Drilling operations on or production of oil, gas, sulphur or other minerals from any portion of the land covered hereby shall continue this lease in force and effect during or after the primary term as to all of the lands covered hereby, irrespective of whether any portion thereof has been pooled. If operations be conducted on or production be secured from land in such pooled unit other than land covered by this lease, it shall have the same effect as to maintaining lessee's rights in force hereunder as if such operations were on or such production from land covered hereby, except that its effect shall be limited to the land covered hereby which is included in such pooled unit. This lease, during any period in which it is being so maintained as to part of the land covered hereby, may be maintained as to the remainder in any manner elsewhere provided for herein; provided, that if it be maintained by rental payment, the rentals may be reduced in proportion to the number of acres in such unit or units as to which this lease is being maintained by drilling operations or production.

7. Lessee shall have free use of oil, gas and water from said land, except water from lessor's wells, for all operations hereunder, and the royalty on oil and gas shall be computed after deducting any so used. Lessee shall have the right at any time during or after the expiration of this lease to remove all property and fixtures placed by lessee on said land, including the right to draw and remove all casing. When required by lessor, lessee will bury all pipe lines below ordinary plow depth, and no well shall be drilled within two hundred feet of any residence or barn now on said land without lessor's consent, if any other location is practicable. Lessor shall have the privilege at his risk and expense of using gas from any gas well on said land for domestic use in the principal dwelling thereon out of any surplus gas not needed for operations hereunder.

8. The rights of either party hereunder may be assigned in whole or in part, and the provisions hereof shall extend to the heirs, successors and assigns of the parties hereto, but no change or division in ownership of the land, rentals or royalties however accomplished shall operate to enlarge the obligations or diminish the rights of lessee; and no such change in ownership shall be binding on lessee nor impair the effectiveness of any payments made hereunder until lessee shall have been furnished, forty-five (45) days before payment is due, a certified copy of recorded instrument evidencing any transfer, inheritance, sale, or other change in ownership. In event of assignment of this lease as to a segregated portion of said land, the rentals payable hereunder shall be apportionable as between the several leasehold owners ratably according to the surface area of each, and default in rental payment by one shall not affect the rights of other leasehold owners hereunder. If six or more parties other than the original lessor become entitled to royalty hereunder, lessee may withhold payment of royalty to such parties unless and until furnished with a recordable instrument executed by all of such parties designating an agent to receive payment for all.

9. In case of cancellation or termination of this lease from any cause, lessee shall have the right to retain, under the terms hereof, around each well producing, being worked on, or drilling hereunder, the number of acres in the form allocated to each such well under spacing and proration rules issued by the Commissioner of Conservation of the State of Louisiana, or any other State or Federal authority having control of such matters; or, in the absence of such rulings, forty (40) acres around each such well in as near a square form as practicable, and in the event lessor considers that operations are not being conducted in compliance with this contract, lessee shall be notified in writing of the facts relied upon as constituting a breach hereof and lessee shall have sixty (60) days after receipt of such notice to comply with the obligations imposed by virtue of this instrument.

10. Lessor hereby warrants and agrees to defend the title to said land and agrees that lessee at its option may discharge any tax, mortgage or other lien upon said land and in event lessee does so, it shall be subrogated to such lien with the right to enforce same and apply rentals and royalties accruing hereunder toward satisfying same. Without impairment of lessee's rights under the warranty in event of failure of title, it is agreed that if lessor owns an interest in said land less than the entire fee simple estate, then the royalties and rentals to be paid lessor shall be reduced proportionately.

11. All terms and express or implied covenants of this lease shall be subject to all Federal and State Laws, Executive Orders, Rules or Regulations, and this lease shall not be terminated, in whole or in part, nor Lessee held liable in damages, for failure to comply therewith, if compliance is prevented by, or if such failure is the result of, any such Law, Order, Rule or Regulation.

12. (a) The term "Force Majeure" as used herein shall mean and include: requisition; order; regulation or control by governmental authority or commission; exercise of rights of priority or control by governmental authority for National Defense or war purposes resulting in delay in obtaining or inability to obtain either material, equipment or means of transportation normally necessary in prospecting or drilling for oil, gas or other mineral, or in producing, handling or transporting same from leased premises; war; scarcity of or delay in obtaining materials or equipment; lack of labor or means of transportation of labor or material; Acts of God; insurrection; flood; strike, or other thing beyond the control of lessee.



(b) If by reason of Force Majeure as herein defined, lessee is prevented from or delayed in drilling, completing or producing any well or wells for oil, gas or other mineral on the leased premises, then while so prevented or during the period of such delay lessee shall be relieved from all obligations, whether express or implied, imposed on lessee under this lease, to drill, complete or produce such well or wells on the leased premises, and lessee shall not be liable in damages and this lease shall not be subject to cancellation for failure of lessee to drill, complete or produce such well or wells during the time lessee is relieved from all obligations so to do. Provided, this provision shall not relieve lessee from the necessity of paying rentals during the primary terms in order to continue this lease in force under the specifications of paragraphs 4 and 6 above.

(c) If upon or at any time after the expiration of the primary term hereof, while this lease is in force, lessee cannot maintain same in effect because prevented by Force Majeure from fulfilling the particular requirement (operations on or continued production from the leased premises, as the case may be) necessary so to do as specified in paragraph 2 hereof, then while so prevented and for six months thereafter this lease shall nevertheless continue in effect, and if within such six months lessee either commences operations on or resumes production from the leased premises, as the case may be, this lease shall continue in effect thereafter as though Force Majeure had not intervened. During any period this lease is continued in force after its primary term by Force Majeure as herein provided, lessee shall pay to the owners of the royalty hereunder, or to the credit of such owners in the depository bank above named, as royalty, an amount equal to \$1 per acre per year for each acre retained hereunder. Such payments shall be made annually, and shall become due on each anniversary hereof while such Force Majeure continues, except the first payment shall be made within a reasonable time after occurrence of Force Majeure and shall be proportionate in amount to the unexpired portion of the then current year, if for less than a year. Nothing herein shall impair the right of lessee to release this lease as to all or any portion of the lands covered hereby and be relieved of all obligations thereafter accruing as to the acreage released.

(d) The specification of causes of Force Majeure herein enumerated shall not exclude other causes from consideration in determining whether lessee has used reasonable diligence wherever required in fulfilling any obligations or conditions of this lease, express or implied, and any delay of not more than six months after termination of Force Majeure shall be deemed justified.

13. This lease is specifically subject to the terms and conditions of that certain letter dated May 15, 1973 by and between lessor and lessee.

IN WITNESS WHEREOF, this instrument is executed on the date first above written.

WITNESSES:

F. F. WEBB TRUST, LESSOR

Mary Gately }  
Marie Cobb }

By: Clarence H. Webb }  
Clarence H. Webb, Trustee }

Mary Gately }  
Marie Cobb }

By: Robert L. Webb }  
Robert L. Webb, Trustee }

Mary Gately }  
Marie Cobb }

By: Doris Yearwood Elgin }  
Doris Yearwood Elgin, Trustee }

Mary Gately }  
Marie Cobb }

By: John Creighton Webb }  
John Creighton Webb, Trustee }

Mary Gately }  
Marie Cobb }

By: Frederick F. Webb, III }  
Frederick F. Webb, III, Trustee }

Mary Gately }  
Marie Cobb }

By: Chas. L. Mayer }  
Chas. L. Mayer, Trustee }

\_\_\_\_\_ }  
\_\_\_\_\_ }

Dicki N. Klee }  
Dona L. Emis }

G. E. Buddecke, Jr. }  
G. E. BUDECKE, JR., LESSEE }

\_\_\_\_\_ }  
\_\_\_\_\_ }

\_\_\_\_\_ }  
\_\_\_\_\_ }



STATE OF LOUISIANA

Parish of CADDO

On this 15<sup>th</sup> day of May, 1973, before me personally appeared

F. F. WEBB TRUST, represented by CLARENCE H. WEBB, ROBERT L. WEBB, DORIS YEARWOOD ELGIN, JOHN CREIGHTON WEBB, FREDERICK F. WEBB, III, and CHAS. L. MAYER, as Trustees

to me known to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

In WITNESS WHEREOF I have hereunto set my official hand and seal on the date hereinabove written.

L. BATH COMPANY  
ST. LOUIS, MO. 63102  
BATH-COGRAM  
ST. LOUIS, MO. 63102 9A-LA. ACKNOWLEDGMENT

*Chas. L. Mayer*  
Notary Public in and for Caddo  
Parish, Louisiana.

SCANNED 19032009 000000005

STATE OF LOUISIANA

Parish of CADDO

On this 15<sup>th</sup> day of May, 1973, before me personally appeared

G. E. BUDDECKE, JR.

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

In WITNESS WHEREOF I have hereunto set my official hand and seal on the date hereinabove written.

THE H. L. BATH COMPANY  
ST. LOUIS, MO. 63102  
BATH-COGRAM  
ST. LOUIS, MO. 63102 9A-LA. ACKNOWLEDGMENT

*Dennis Ewin*  
Notary Public in and for Caddo  
Parish, Louisiana.

No.	OIL, GAS AND MINERAL LEASE	FROM	TO	Parish of

THE H. L. BATH COMPANY  
ST. LOUIS, MO. 63102  
BATH-COGRAM  
ST. LOUIS, MO. 63102 BATH'S FORM LOUISIANA SPEC. 14BR1-2A (11-63)

STATE OF LOUISIANA

PARISH OF \_\_\_\_\_

BEFORE ME, the undersigned authority, this day personally appeared \_\_\_\_\_ to me personally known to be the identical person whose name is subscribed to the foregoing instrument as an attesting witness, who being first duly sworn, on \_\_\_\_\_ oath, says: That \_\_\_\_\_ subscribed \_\_\_\_\_ name to the foregoing instrument as a witness, and that \_\_\_\_\_ knows

the Grantor named in said instrument, to be the identical person described therein, and who executed the same, and saw \_\_\_\_\_ sign the same as \_\_\_\_\_ voluntary act and deed, and that \_\_\_\_\_, the said \_\_\_\_\_ subscribed \_\_\_\_\_ name to the same at the same time as an attesting witness.

Sworn to and subscribed before me, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
Notary Public in and for \_\_\_\_\_ Parish, Louisiana

# OIL, GAS AND MINERAL LEASE

THIS AGREEMENT made this 1st day of October, 2003

**Franks Realty, Inc., represented herein by John Franks, President**

Lessor (whether one or more) whose address is: P. O. Box 7665, Shreveport, LA 71137

and Jack W. Grigsby

whose address is 401 Edwards Street, Suite 1915, Shreveport, LA 71101

WITNESSETH:

1. Lessor in consideration of One Hundred Dollars and Other Valuable Considerations (\$100.00 & OVC), in hand paid, of the royalties herein provided, and of the agreement of Lessee herein contained, hereby grants, leases and lets unto Lessee, the exclusive right to enter upon and use the land hereinafter described for the exploration for and production of oil, gas, sulphur and all other minerals, together with the use of the surface of the land for all purposes incident to the exploration for and production, ownership, possession and transportation of said minerals (either from said land or acreage pooled therewith), and the right to dispose of salt water, with the right of ingress and egress to and from said lands at all times for such purposes, including for operations hereunder or in connection with similar operations on adjoining land; the land to which this lease applies and which is affected hereby being situated in Caddo Parish, Louisiana, and described as follows, to-wit:

**See Exhibit "A" attached hereto for Lease Description and Special Provisions.**

~~This lease shall also extend and apply to any interest therein which Lessor may hereafter acquire, including, but not limited to, outstanding mineral rights acquired by reversion, prescription or otherwise, and includes pipelines, easements, roads, highways, easements, right of ways and all land, if any, contiguous or adjacent to, or adjoining the land particularly described above. Lessor agrees to execute any supplemental instrument requested by Lessee for a more complete or accurate description of said land. For the purposes of determining~~

the amount of bonus and the shut-in royalty payment hereunder, said land shall be deemed to contain 188.8130 acres, whether actually containing more or less, and the above recital of acreage in any tract shall be deemed to be the true acreage thereof.

2. Subject to the other provisions herein contained, this lease shall be for a period of two (2) years from the date hereof (called "primary term") and as long thereafter as (1) oil, gas, sulphur or other mineral is produced from said land hereunder or from land pooled therewith; or (2) it is maintained in force in any other manner herein provided.

3. For the consideration hereinabove recited, this lease shall remain in full force and effect during the primary term, without any additional payment and without Lessee being required to conduct any operations on the land (either before or after the discovery of minerals), except to drill such wells as might be necessary to protect the land from drainage, as hereinafter provided.

4. The royalties to be paid by Lessee are: (a) on oil, and other hydrocarbons which are produced at the well in liquid form by ordinary production methods, one-eighth of that produced and saved from said land, same to be delivered at the wells or to the credit of Lessor in the pipe line to which the wells may be connected; Lessor's interest in either case to bear its proportion of any expenses for treating the oil to make it marketable as crude; Lessee may from time to time purchase any royalty oil or other liquid hydrocarbons in its possession, paying the market price therefor prevailing for the field where produced on the date of purchase; (b) on gas, including casinghead gas, or other gaseous substance produced from said land and sold or used off the premises or for the extraction of gasoline or other products therefrom, the market value at the well of one-eighth of the gas so sold or used, provided that on gas sold at the wells the royalty shall be one-eighth of the amount realized from such sale; such gas, casinghead gas, residue gas, or gas of any other nature or description whatsoever, as may be disposed of for no consideration to Lessee, either through unavoidable waste or leakage, or in order to recover oil or other liquid hydrocarbons, or returned to the ground, shall not be deemed to have been sold or used either on or off the premises within the meaning of this paragraph 4 hereof; (c) on all other minerals mined and marketed, one-eighth, either in kind or value at the well or mine, at Lessee's election, except that on sulphur the royalty shall be one dollar (\$1.00) per long ton.

5. If Lessee during or after the primary term should drill a well capable of producing gas or gaseous substances in paying quantities, (or which although previously produced Lessee is unable to continue to produce) and should Lessee be unable to operate said well because of lack of market or marketing facilities or governmental restrictions, then Lessee's rights may be maintained beyond or after the primary term without production of minerals or further drilling operations by paying Lessor as royalty a sum equal to one dollar (1.00) per acre of land covered hereby per year, the first payment being due, if said well should be completed or shut-in after the primary term, within ninety (90) days after the completion of such well or the cessation of production and such payment will extend Lessee's rights for one year from the date of such completion or cessation. If such a well should be completed during the primary term, the first payment, if made by Lessee, shall be due within 90 days after such well is shut-in, or before the expiration date of the primary term herein fixed, whichever is the later date. Thereafter Lessee's rights may be continued from year to year by making annual payments in the amount stated on or before the anniversary date beginning with the date of completion of said well (if completed after the primary term) or the end of the primary term (if completed prior thereto) as the case may be; each of such payments to extend Lessee's rights for one year. The annual payments herein provided for ~~may be deposited to Lessor's credit in the~~

### Pay directly to Lessor at above address

~~\_\_\_\_\_~~, which shall be and remain Lessor's agent for such purpose regardless of any change or changes in the ownership of the land or mineral rights therein. The owners of the royalty as of the date of such payments shall be entitled thereto in proportion to their ownership of said royalty. The provisions of this paragraph shall be recurring at all times during the life of this lease. Should any well producing gas or gaseous substances be completed on a drilling unit which includes any part of the land herein leased, the provisions of this paragraph shall be subject to all other agreements herein contained allowing the pooling of the above described lands with other lands.

6. If within ninety (90) days prior to the end of the primary term, Lessee should complete or abandon a well on the lands described above or on land pooled therewith, or if production previously secured should cease from any cause, this lease shall continue in force and effect for ninety (90) days from such completion or abandonment or cessation of production. If at the expiration of the primary term or at the expiration of the ninety (90) day period provided for in the preceding sentence, oil, gas, sulphur or other mineral is not being produced on said land or on land pooled therewith, but Lessee is then engaged in operations for drilling, completion or reworking thereon, or operations to achieve or restore production, or if production previously secured should cease from any cause after the expiration of the primary term, this lease shall remain in force so long thereafter as Lessee either (a) is engaged in operations for drilling, completion or reworking, or operations to achieve or restore production, with no cessation between operations or between such cessation of production and additional operations of more than ninety (90) consecutive days; or (b) is producing oil, gas, sulphur or other mineral from said land hereunder or from land pooled therewith. If sulphur be encountered on said premises or on land pooled therewith, this lease shall continue in force and effect so long as Lessee is engaged with due diligence in explorations for and/or erecting a plant for the production of sulphur and thereafter subject to the foregoing provisions hereof so long as oil, gas, sulphur or other mineral is produced from said land hereunder or from land pooled therewith.

7. Lessee is hereby granted the right as to all or any part of the land described herein, without Lessor's joinder, to combine, pool or unitize the acreage royalty or mineral interest covered by this lease, or any portion thereof, at any time during the life of this lease, with any other land, lease or leases, royalty or mineral interests in or under any other tract or tracts of land in the vicinity thereof, whether owned by Lessee or some other person, or corporation so as to create, by the combination of such lands and leases, one or more operating units, as to any and all mineral horizons, provided that no one operating unit shall, in the case of gas, including condensate, embrace more than six hundred forty (640) acres, and in the case of oil, including casinghead gas, embrace more than eighty (80) acres; and provided further, however, that if any spacing or other rules and regulations of the State or Federal Commission, Agency, or regulatory body having or claiming jurisdiction has heretofore or shall at any time hereafter permit or prescribe a drilling or operating unit or spacing rule in the case of gas, including condensate, greater than six hundred forty (640) acres, or in the case of oil or casinghead gas greater than eighty (80) acres, then the unit or units herein contemplated may have, or may be redesignated so as to have, as the case may be, the same surface content as, but not more than, the unit or the acreage in the spacing rule so prescribed or permitted. However, it is further specifically understood and agreed, anything herein to the contrary notwithstanding, that the Lessee shall have the right to, and the benefit of an acreage tolerance of ten per cent in excess of any drilling or operating unit authorized herein. The commencement of operations for the drilling of a well, or the completion of a well to production of either oil, gas, casinghead gas, condensate or other minerals on any portion of an operating unit in which all or any part of the land described herein is embraced, or production of oil, gas, casinghead gas, condensate, or other minerals therefrom shall have the same effect under the terms of this lease as if a well were commenced, completed or producing oil, gas, casinghead gas, condensate, or other minerals in paying quantities on the land embraced by this lease. Lessee shall execute in writing and file for record in the records of the Parish in which the lands herein leased are located, an instrument identifying or describing the pooled acreage, or an instrument supplemental thereto redesignating same, as the case may be. Either prior to the securing of production from any unit created under the authority hereinabove granted, or after cessation of production therefrom Lessee shall have the right to dissolve the unit so created, without Lessor's joinder or further consent, by executing in writing and placing of record in the Parish or Parishes in which the lands making up such unit may be located, an instrument identifying and dissolving such unit. The provisions hereof shall be construed as a covenant running with the land and shall inure to the benefit of and be binding upon the parties hereto, their heirs, representatives, successors and assigns. In the event such operating unit or units is/are so created by Lessee, Lessor shall receive out of production or the proceeds from production from such operating unit or units or out of the shut-in royalty provided for above, such portion of the royalty or of the shut-in royalty specified herein as the number of acres (mineral acres) out of this lease placed in any such operating unit or units bears to the total number of acres included in such operating unit or units.

8. If Lessor owns a less interest in the above described land than the entire and undivided fee simple estate therein, then the payments herein provided shall be paid to Lessor only in the proportion which Lessor's interest bears to the whole and undivided fee.

9. Lessee shall have the exclusive right to explore the land herein described by geological, geophysical or other methods, whether similar to those herein specified or not and whether now known or not, including the drilling of holes, use of torsion balance, seismograph explosions, magnetometer, or other geophysical or geological instruments, test or procedures, for

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SHREVEPORT, LA.



the purpose of securing geological and geophysical information. All information obtained by Lessee as a result of such activity shall be the exclusive property of Lessee, and Lessee may disseminate or sell such information without Lessor's consent. In exploring for, developing, producing and marketing oil, gas and other substances covered hereby on the leased premises or lands pooled or unitized therewith, in primary and/or enhanced recovery, Lessee shall have the right of ingress and egress along with the right to conduct such operations on the leased premises, or on any adjacent or adjoining lands, as may be reasonably necessary for such purpose, including but not limited to the drilling of wells, construction and use of roads, canals, pipelines, tanks, water wells, disposal wells, injection wells, pits, electric and telephone lines, power stations, and other facilities deemed necessary by Lessee to discover, produce, store, treat and/or transport oil, gas and other substances. Lessee shall have free use of oil, gas, casinghead gas, condensate, and water from said land, except water from Lessor's wells, for all operations hereunder, including repressuring, pressure maintenance and recycling, and the royalty shall be computed after deducting any so used. Lessee shall have the right at any time during or after the expiration of this lease to remove all property and fixtures placed by Lessee on said land, including the right to draw and remove all casing. When required by Lessor, Lessee will bury all pipe lines below ordinary plow depth, and no well shall be drilled within two hundred feet of any residence or barn now on said land without Lessor consent. In the event a well or wells, producing oil, gas, casinghead gas or condensate in paying quantities should be brought in on adjacent lands not owned by the Lessor and within one hundred fifty feet of and draining the leased premises, Lessee agrees to drill such offset well or wells as a reasonably prudent operator would drill under the same or similar circumstances.

10. The rights of either party hereunder may be assigned in whole or in part and the provisions hereof shall extend to the heirs, executors, administrators, successors and assigns, but no change or division in ownership of the land, or royalties, however accomplished shall operate to enlarge the obligations or diminish the rights of Lessee. No such change or division in the ownership of the land, or royalties shall be binding upon Lessee for any purpose until such person acquiring any interest has furnished Lessee, at its principal place of business, with a certified copy of the instrument or instruments, constituting his chain of title from the original Lessor. An assignment of this lease, in whole or in part, shall, to the extent of such assignment, relieve and discharge Lessee of any obligations hereunder to Lessor and, if Lessee or assignee of part or parts hereof shall fail to comply with any other provisions of the lease, such default shall not affect this lease insofar as it covers a part of said lands upon which Lessee or any assignee shall comply with the provisions of the lease. In addition, Lessee may at any time and from time to time execute and deliver to lessor or file for record a release or releases of this lease as to any part or all of said land or of any mineral or horizon thereunder, and thereby be relieved of all obligations as to the released acreage or interest.

11. In case of suit, adverse claim, dispute or question as to the ownership of the royalties (or some part thereof) payable under this lease, Lessee shall not be held in default in payment of such royalties (or the part thereof in dispute), until such suit, claim, dispute or question has been finally disposed of, and Lessee shall have thirty (30) days after being furnished with a certified copy of the instrument or instruments disposing of such suit, claim or dispute, or after being furnished with proof sufficient, in Lessee's opinion, to settle such question, within which to make payment. Should the right or interest of Lessee hereunder be disputed by Lessor, or any other person, the time covered by the pendency of such dispute shall not be counted against Lessee either as affecting the term of the lease or for any other purpose, and Lessee may suspend all payments without interest until there is a final adjudication or other determination of such dispute.

12. In case of cancellation or termination of this lease from any cause, Lessee shall have the right to retain, under the terms hereof, around each well producing, being worked on, or drilling hereunder, the number of acres in the form allocated to each such well under spacing and proration rules issued by the Commissioner of Conservation of the State of Louisiana, or any other State or Federal authority having control of such matters; or any unit or units formed pursuant to paragraph 7 or, in the absence of such rulings, unit or units, forty (40) acres around each such well in as near a square form as practicable, and in the event Lessor considers that operations are not being conducted in compliance with this contract, Lessee shall be notified in writing of the facts relied upon as constituting a breach hereof and Lessee shall have sixty (60) days after receipt of such notice to comply with the obligations imposed by virtue of this instrument.

13. When drilling, reworking, production or other operations are delayed or interrupted by force majeure, that is, by storm, flood or other acts of God, fire, war, rebellion, insurrection, riot, strikes, differences with workmen, or failure of carriers to transport or furnish facilities for transportation, or as a result of some law, order, rule, regulation, requisition or necessity of government, Federal or State, or as a result of any cause whatsoever beyond the control of the Lessee, the time of such delay or interruption shall not be counted against Lessee, anything in this lease to the contrary notwithstanding, but this lease shall be extended for a period of time equal to that during which Lessee is so prevented from conducting such drilling or reworking operations on, or producing oil, gas, casinghead gas, condensate or other minerals from, the premises; provided that during any period that this lease is continued in force after its primary term solely by force majeure as herein provided, Lessee shall pay to the owners of the royalty hereunder the shut-in royalty provided in paragraph 5 hereof, and in the manner therein provided, without regard to whether or not there is a producing well shut in, located on said land or on land with which the lease premises or any part thereof has been pooled.

14. Lessee shall pay for actual damages caused by its operations to growing crops and timber on said land leased herein.

15. Notwithstanding the death of any party Lessor, or his successor in interest, the payment or tender of all sums accruing hereunder in the manner provided above shall be binding on the heirs, executors and administrators of such person.

16. Lessor hereby warrants and agrees to defend the title to the lands herein described, and agrees that the Lessee at its option shall have the right to redeem for Lessor, by payment, any mortgage, taxes or other liens on the above described lands, in the event of default of payment by Lessor, and be subrogated to the rights of the holder thereof. In case of payment of any such mortgage, taxes or other liens by Lessee, in addition to the right to subrogation herein granted, Lessee shall also have the right to retain any royalties which become due Lessor hereunder and to repay itself therefrom, and the retention of such royalties by Lessee shall have the same effect as if paid to the Lessor in whose behalf payment of any mortgage, taxes or other liens was made.

17. This lease shall be binding upon all who execute it, whether or not named in the body hereof as Lessor, and without regard to whether this same instrument, or any copy thereof, shall be executed by any other Lessor named above.

IN WITNESS WHEREOF, this instrument is executed as of the date first above written.

WITNESSES:

Edward Yelbrough  
\_\_\_\_\_

LESSOR (WHETHER ONE OR MORE)

John Franks  
**Franks Realty, Inc.**  
By: **John Franks, President**

72-0682479  
SS No. OR TAX ID

\_\_\_\_\_ SS No. OR TAX ID

\_\_\_\_\_ SS NO. OR TAX ID

\_\_\_\_\_ SS NO. OR TAX ID

STATE OF Louisiana  
PARISH/COUNTY OF Bossier

On the 1st day of October, 2003, before me, the undersigned authority, personally appeared John Franks,  
Caddy Bossier Franks, Inc.  
President of Franks Realty, Inc.  
Commission expires with the \_\_\_\_\_  
me known to be the person(s) described in and who executed the foregoing instrument, and acknowledged that he/she/they executed the same as their free act and deed.

My Commission expires \_\_\_\_\_

Marie Marie Jorg  
NOTARY PUBLIC in and for

STATE OF \_\_\_\_\_  
PARISH/ COUNTY OF \_\_\_\_\_

Before me, the undersigned authority, personally came and appeared \_\_\_\_\_ who being first duly sworn deposes and says that he/she was one of the subscribing witnesses to the execution of the foregoing instrument by \_\_\_\_\_

\_\_\_\_\_ who signed the same in his/her presence and that of the other subscribing witness(es) to such signature(s) whose name(s) (signatures) are affixed as such, and that he/she now recognizes all said signatures to be true and genuine.

Subscribing Witness

Sworn to and subscribed before me, notary, on this \_\_\_\_\_ day of \_\_\_\_\_

My Commission expires \_\_\_\_\_

NOTARY PUBLIC in and for

EXHIBIT "A"

To Oil, Gas and Mineral Lease, with effective date October 1, 2003, from FRANKS REALTY, INC., represented herein by John Franks, President, as Lessor, and JACK W. GRIGSBY, as Lessee, covering 188.8130 acres, more or less, Caddo Parish, Louisiana.

Section(s) 14, Township 16N-Range 13W

188.813 acres more or less, lying within Section 14, Township 16 North, Range 13 West of 423.617 acres described in that certain Cash Sale Deed between John Creighton Webb, Jr., et al, Grantors, and Franks Realty, Inc., Grantee, dated July 9, 1998 and filed under registry number 1612248 on July 9, 1998; as corrected by Correction of Ratification of Cash Sale Deed between John Creighton Webb, Jr. and Franks Realty, Inc. dated March 16, 1999 and filed under registry number 1656556 on June 3, 1999, all deed referenced made to the Conveyance records of the Caddo Parish Clerk of Court.

Special Provisions

Notwithstanding any provision to the contrary contained in the printed provisions of this oil, gas and mineral lease, the following special provisions shall prevail and govern over all printed provisions of said lease.

- 1) All royalties on oil and gas provided to Lessor herein shall be twenty-seven and one-half percent (27.50%) instead of one-eighth (1/8) and wherever the fraction one-eighth (1/8) appears in this lease in any connection with royalty, twenty-seven and one-half percent (27.50%) shall be substituted therefor.
- 2) Notwithstanding anything in this lease to the contrary, actual drilling on, or production from any unit or units (formed by private agreement or by state or federal governmental authority, or otherwise) embracing the land covered by this lease only, or both land leased herein and other land, shall maintain this lease in force beyond the expiration of the primary term herein fixed, or any extension of same as provided herein, only as to that portion of Lessor's land included in such unit or units whether or not said drilling or production is on or from the leased premises. This lease may be maintained in force as to the remainder of the land covered hereby in any manner provided for herein. In the event a well (or wells) drilled on the leased premises is produced on a "lease basis", that is without there being a unit established for said well (or wells), said lease basis well (or wells) shall maintain this lease in force beyond the expiration of the primary term herein fixed, or any extension of same as provided herein, only as to an area of forty acres surrounding an oil well (or wells) or an area of one hundred sixty (160) acres surrounding a gas well, which area shall be as nearly as practicable in the shape of a square, with the well in or near the center thereof. No unit shall be declared by Lessee under the terms of this lease without the prior written consent of Lessor.
- 3) This lease shall terminate at the expiration of the primary term herein fixed, or any extension of same as provided herein, as to all strata, zones and depths lying one hundred feet (100') below the deepest depth drilled in any well drilled on the leased premises or on land with which all or a portion of the leased premises has been pooled or unitized for production purposes. This provision of this lease shall be applicable on a well-by-well or unit-by-unit basis, as appropriate.
- 4) It is understood and agreed that this lease covers and includes only oil, gas and associated hydrocarbons or constituents thereof that can be or may be produced through the bore of a producing oil or gas well and expressly does not cover coal, lignite or other hard minerals.
- 5) Notwithstanding the provisions of this lease to the contrary, this lease is granted by Lessor and accepted by Lessee without warranty of title whatsoever, expressed or implied, and without any recourse against Lessor even as to the return of any consideration paid for this lease, or any royalties paid hereunder.
- 6) Lessee shall furnish Lessor with a copy of all data including logs, core analyses, daily drilling reports, and/or drill stem tests made in connection with any wells drilled on lands covered by this lease or on lands pooled or unitized with the leased premises.
- 7) As to any well or other operations conducted exclusively pursuant to this lease, Lessee shall prior to commencing such activities, notify Lessor of the proposed activities and the location thereof. Within ten days of receipt of such notification, Lessor shall furnish Lessee with its written consent to the proposed location or with alternative location suggestions for the location of the proposed activities. Upon receipt of timely notification of alternative location suggestions, Lessee shall utilize reasonable efforts to accommodate the Lessee's location suggestions or requests. If Lessor fails to timely furnish the required consent or alternative suggestions, such failure shall constitute Lessor's consent to the location of the proposed operations. Any damage to the surface of the leased premises, or to improvements, timber or growing crops thereon, incurred as a result of Lessee's operations under this lease, shall be paid for by Lessee within thirty (30) days after submission of charges therefore by Lessor.
- 8) Lessee shall indemnify and hold Lessor harmless from and against all actions or causes of action, claims, losses, and damages of every kind, including costs and attorney's fees, incident to or in any manner resulting in injury to persons (including employees, agents, representatives, invitees, and licensees of Lessee, or other engaged by Lessee) and damages to property, or other legal consequences arising out of the use and occupancy of the leased premises, any and all operations or other work or service undertaken thereon by Lessee, its agents, representatives or others engaged by Lessee to perform the same, including without limitation, all acts of commission or omission of Lessee, its said agents, representatives, invitees, employees, and licensees.
- 9) This lease may not be maintained beyond its primary term for more than two consecutive years solely by the payment of shut-in gas well royalty payments. Shut-in gas well royalty payments shall be calculated on the basis of Ten Dollars (\$10.00) per surface acre so pooled or unitized with each such shut-in gas well.

SIGNED FOR IDENTIFICATION

FRANKS REALTY, INC.

  
JOHN FRANKS, PRESIDENT



3783/41  
REG. NO. 1989871

# OIL, GAS AND MINERAL LEASE

THIS AGREEMENT made this 9th day of June, 2005, between  
FRANKS REALTY, INC. a Louisiana Corporation,

Lessor (whether one or more) whose address is P. O. Box 7665, Shreveport, Louisiana 71137-7665  
CAMTERRA RESOURCES PARTNERS, LTD.

and P.O. Box 2069, Marshall, Texas 76571 Lessee,

whose address is

WITNESSETH:  
1. Lessor in consideration of One Hundred Dollars and Other Valuable Considerations (\$100.00 & OVC), in hand paid, of the royalties herein provided, and of the agreement of Lessee herein contained, hereby grants, leases and lets unto Lessee, the exclusive right to enter upon and use the land hereinafter described for the exploration for and production of oil, gas, sulphur and all other minerals, together with the use of the surface of the land for all purposes incident to the exploration for and production, ownership, possession and transportation of said minerals (either from said land or acreage pooled therewith), and the right to dispose of salt water, with the right of ingress and egress to and from said lands at all times for such purposes, including for operations hereunder or in connection with similar operations on adjoining land, the land to which this lease applies and which is affected hereby being situated in Caddo Parish, Louisiana, and described as follows, to-wit:

## REFER TO ATTACHED EXHIBIT "A" FOR DESCRIPTION AND ADDITIONAL PROVISIONS

This lease shall also extend and apply to any interest therein which Lessor may hereafter acquire, including, but not limited to, outstanding mineral rights acquired by reversion, prescription or otherwise, and includes battures, accretions, roads, highways, easements, right-of-ways and all land, ~~including the mineral rights therein~~. Lessor agrees to execute any supplemental instrument requested by Lessee for a more complete or accurate description of said land. For the purposes of determining

the amount of bonus and the shut-in royalty payment hereunder, said land shall be deemed to contain 142.461 acres, whether actually containing more or less, and the above recital of acreage in any tract shall be deemed to be the true acreage thereof.

2. Subject to the other provisions herein contained, this lease shall be for a period of three(3) years from the date hereof (called "primary term") and as long thereafter as (1) oil, gas, sulphur or other mineral is produced from said land hereunder or from land pooled therewith, or (2) it is maintained in force in any other manner herein provided.

3. For the consideration hereinabove recited, this lease shall remain in full force and effect during the primary term, without any additional payment and without Lessee being required to conduct any operations on the land (either before or after the discovery of minerals), except to drill such wells as might be necessary to protect the land from drainage, as hereinafter provided.

4. The royalties to be paid by Lessee are: (a) on oil, and other hydrocarbons which are produced at the well in liquid form by ordinary production methods, one-eighth of that produced and saved from said land, same to be delivered at the wells or to the credit of Lessor in the pipe line to which the wells may be connected, Lessor's interest in either case to bear its proportion of any expenses for treating the oil to make it marketable as crude; Lessee may from time to time purchase any royalty oil or other liquid hydrocarbons in its possession, paying the market price therefor prevailing for the field where produced on the date of purchase; (b) on gas, including casinghead gas, or other gaseous substance produced from said land and sold or used off the premises or for the extraction of gasolins or other products therefrom, the market value at the well of one-eighth of the gas so sold or used, provided that on gas sold at the wells the royalty shall be one-eighth of the amount realized from such sale, such gas, casinghead gas, residue gas, or gas of any other nature or description whatsoever, as may be disposed of for no consideration to Lessee, either through unavoidable waste or leakage, or in order to recover oil or other liquid hydrocarbons, or returned to the ground, shall not be deemed to have been sold or used either on or off the premises within the meaning of this paragraph 4 hereof; (c) on all other minerals mined and marketed, one-eighth, either in kind or value at the well or mine, at Lessee's election, except that on sulphur the royalty shall be one dollar (\$1.00) per long ton.

5. If Lessee during or after the primary term should drill a well capable of producing gas or gaseous substances in paying quantities, (or which although previously produced Lessee is unable to continue to produce) and should Lessee be unable to operate said well because of lack of market or marketing facilities or governmental restrictions, then Lessee's rights may be maintained beyond or after the primary term without production of minerals or further drilling operations by paying Lessor as royalty a sum equal to one dollar (1.00) per acre of land covered hereby per year, the first payment being due, if said well should be completed or shut-in after the primary term, within ninety (90) days after the completion of such well or the cessation of production and such payment will extend Lessee's rights for one year from the date of such completion or cessation. If such a well should be completed during the primary term, the first payment, if made by Lessee, shall be due within 90 days after such well is shut-in, or before the expiration date of the primary term herein fixed, whichever is the later date. Thereafter Lessee's rights may be continued from year to year by making annual payments in the amount stated on or before the anniversary date beginning with the date of completion of said well (if completed after the primary term) or the end of the primary term (if completed prior thereto) as the case may be, each of such payments to extend Lessee's rights for one year. The annual payments herein provided for may be deposited to Lessor's credit in the

Mail Direct to Lessor at the above address

Bank of \_\_\_\_\_, which bank shall be and remain Lessor's agent for such purpose regardless of any change or changes in the ownership of the land or mineral rights therein. The owners of the royalty as of the date of such payments shall be entitled thereto in proportion to their ownership of said royalty. The provisions of this paragraph shall be recurring at all times during the life of this lease. Should any well producing gas or gaseous substances be completed on a drilling unit which includes any part of the land herein leased, the provisions of this paragraph shall be subject to all other agreements herein contained allowing the pooling of the above described lands with other lands.

6. If within ninety (90) days prior to the end of the primary term, Lessee should complete or abandon a well on the lands described above or on land pooled therewith, or if production previously secured should cease from any cause, this lease shall continue in force and effect for ninety (90) days from such completion or abandonment or cessation of production. If at the expiration of the primary term or at the expiration of the ninety (90) day period provided for in the preceding sentence, oil, gas, sulphur or other mineral is not being produced on said land or on land pooled therewith, but Lessee is then engaged in operations for drilling, completion or reworking thereon, or operations to achieve or restore production, or if production previously secured should cease from any cause after the expiration of the primary term, this lease shall remain in force so long thereafter as Lessee either (a) is engaged in operations for drilling, completion or reworking, or operations to achieve or restore production, with no cessation between operations or between such cessation of production and additional operations of more than ninety (90) consecutive days; or (b) is producing oil, gas, sulphur or other mineral from said land hereunder or from land pooled therewith. If sulphur be encountered on said premises or on land pooled therewith, this lease shall continue in force and effect so long as Lessee is engaged with due diligence in explorations for and/or erecting a plant for the production of sulphur and thereafter subject to the foregoing provisions hereof so long as oil, gas, sulphur or other mineral is produced from said land hereunder or from land pooled therewith.

7. Lessee is hereby granted the right as to all or any part of the land described herein, without Lessor's joinder, to combine, pool or utilize the acreage royalty or mineral interest covered by this lease, or any portion thereof, at any time during the life of this lease, with any other land, lease or leases, royalty or mineral interests in or under any other tract or tracts of land in the vicinity thereof, whether owned by Lessee or some other person, or corporation so as to create, by the combination of such lands and leases, one or more operating units, as to any and all mineral horizons, provided that no one operating unit shall, in the case of gas, including condensate, embrace more than six hundred forty (640) acres, and in the case of oil, including casinghead gas, embrace more than eighty (80) acres; and provided further, however, that if any spacing or other rules and regulations of the State or Federal Commission, Agency, or regulatory body having or claiming jurisdiction has heretofore or shall at any time hereafter permit or prescribe a drilling or operating unit or spacing rule in the case of gas, including condensate, greater than six hundred forty (640) acres, or in the case of oil or casinghead gas greater than eighty (80) acres, then the unit or units herein contemplated may have, or may be redesignated so as to have, as the case may be, the same surface content as, but not more than, the unit or the acreage in the spacing rule so prescribed or permitted. However, it is further specifically understood and agreed, anything herein to the contrary notwithstanding, that the Lessee shall have the right to, and the benefit of an acreage tolerance of ten per cent in excess of any drilling or operating unit authorized herein. The commencement of operations for the drilling of a well, or the completion of a well to production of either oil, gas, casinghead gas, condensate or other minerals on any portion of an operating unit in which all or any part of the land described herein is embraced, or production of oil, gas, casinghead gas, condensate, or other minerals therefrom shall have the same effect under the terms of this lease as if a well were commenced, completed or producing oil, gas, casinghead gas, condensate, or other minerals in paying quantities on the land embraced by this lease. Lessee shall execute in writing and file for record in the records of the Parish in which the lands herein leased are located, an instrument identifying or describing the pooled acreage, or an instrument supplemental thereto redesignating same, as the case may be. Either prior to the securing of production from any unit created under the authority hereinabove granted, or after cessation of production therefrom Lessee shall have the right to dissolve the unit so created, without Lessor's joinder or further consent, by executing in writing and placing of record in the Parish or Parishes in which the lands making up such unit may be located, an instrument identifying and dissolving such unit. The provisions hereof shall be construed as a covenant running with the land and shall inure to the benefit of and be binding upon the parties hereto, their heirs, representatives, successors and assigns. In the event such operating unit or units is/are so created by Lessee, Lessor shall receive out of production or the proceeds from production from such operating unit or units or out of the shut-in royalty provided for above, such portion of the royalty or of the shut-in royalty specified herein as the number of acres (mineral acres) out of this lease placed in any such operating unit or units bears to the total number of acres included in such operating unit or units.

8. If Lessor owns a less interest in the above described land than the entire and undivided fee simple estate therein, then the payments herein provided shall be paid to Lessor only in the proportion which Lessor's interest bears to the whole and undivided fee.

9. Lessee shall have the exclusive right to explore the land herein described by geological, geophysical or other methods, whether similar to those herein specified or not and whether now known or not, including the drilling of holes, use of torsion balance, seismograph explosions, magnetometer, or other geophysical or geological instruments, test or procedures, for



the purpose of securing geological and geophysical information. All information obtained by Lessee as a result of such activity shall be the exclusive property of Lessee, and Lessee may disseminate or sell such information without Lessor's consent. In exploring for, developing, producing and marketing oil, gas and other substances covered hereby on the leased premises or lands pooled or unitized therewith, in primary and/or enhanced recovery, Lessee shall have the right of ingress and egress along with the right to conduct such operations on the leased premises, or on any adjacent or adjoining lands, as may be reasonably necessary for such purpose, including but not limited to the drilling of wells, construction and use of roads, canals, pipelines, tanks, water wells, disposal wells, injection wells, pits, electric and telephone lines, power stations, and other facilities deemed necessary by Lessee to discover, produce, store, treat and/or transport oil, gas and other substances. Lessee shall have free use of oil, gas, casinghead gas, condensate, and water from said land, except water from Lessor's wells, for all operations hereunder, including repressuring, pressure maintenance and recycling, and the royalty shall be computed after deducting any so used. Lessee shall have the right at any time during or after the expiration of this lease to remove all property and fixtures placed by Lessee on said land, including the right to draw and remove all casing. When required by Lessor, Lessee will bury all pipe lines below ordinary plow depth, and no well shall be drilled within two hundred feet of any residence or barn now on said land without Lessor consent. In the event a well or wells, producing oil, gas, casinghead gas or condensate in paying quantities should be brought in on adjacent lands not owned by the Lessor and within one hundred fifty feet of and draining the leased premises, Lessee agrees to drill such offset well or wells as a reasonably prudent operator would drill under the same or similar circumstances.

10. The rights of either party hereunder may be assigned in whole or in part and the provisions hereof shall extend to the heirs, executors, administrators, successors and assigns, but no change or division in ownership of the land, or royalties, however accomplished shall operate to enlarge the obligations or diminish the rights of Lessee. No such change or division in the ownership of the land, or royalties shall be binding upon Lessee for any purpose until such person acquiring any interest has furnished Lessee, at its principal place of business, with a certified copy of the instrument or instruments, constituting his chain of title from the original Lessor. An assignment of this lease, in whole or in part, shall, to the extent of such assignment, relieve and discharge Lessee of any obligations hereunder to Lessor and, if Lessee or assignee of part or parts hereof shall fail to comply with any other provisions of the lease, such default shall not affect this lease insofar as it covers a part of said lands upon which Lessee or any assignee shall comply with the provisions of the lease. In addition, Lessee may at any time and from time to time execute and deliver to lessor or file for record a release or releases of this lease as to any part or all of said land or of any mineral or horizon thereunder, and thereby be relieved of all obligations as to the released acreage or interest.

11. In case of suit, adverse claim, dispute or question as to the ownership of the royalties (or some part thereof) payable under this lease, Lessee shall not be held in default in payment of such royalties (or the part thereof in dispute), until such suit, claim, dispute or question has been finally disposed of, and Lessee shall have thirty (30) days after being furnished with a certified copy of the instrument or instruments disposing of such suit, claim or dispute, or after being furnished with proof sufficient, in Lessee's opinion, to settle such question, within which to make payment. Should the right or interest of Lessee hereunder be disputed by Lessor, or any other person, the time covered by the pendency of such dispute shall not be counted against Lessee either as affecting the term of the lease or for any other purpose, and Lessee may suspend all payments without interest until there is a final adjudication or other determination of such dispute.

12. In case of cancellation or termination of this lease from any cause, Lessee shall have the right to retain, under the terms hereof, around each well producing, being worked on, or drilling hereunder, the number of acres in the form allocated to each such well under spacing and proration rules issued by the Commissioner of Conservation of the State of Louisiana, or any other State or Federal authority having control of such matters, or any unit or units formed pursuant to paragraph 7 or, in the absence of such rulings, unit or units, forty (40) acres around each such well in as near a square form as practicable, and in the event Lessor considers that operations are not being conducted in compliance with this contract, Lessee shall be notified in writing of the facts relied upon as constituting a breach hereof and Lessee shall have sixty (60) days after receipt of such notice to comply with the obligations imposed by virtue of this instrument.

13. When drilling, reworking, production or other operations are delayed or interrupted by force majeure, that is, by storm, flood or other acts of God, fire, war, rebellion, insurrection, riot, strikes, differences with workmen, or failure of carriers to transport or furnish facilities for transportation, or as a result of some law, order, rule, regulation, requisition or necessity of government, Federal or State, or as a result of any cause whatsoever beyond the control of the Lessee, the time of such delay or interruption shall not be counted against Lessee, anything in this lease to the contrary notwithstanding, but this lease shall be extended for a period of time equal to that during which Lessee is so prevented from conducting such drilling or reworking operations on, or producing oil, gas, casinghead gas, condensate or other minerals from, the premises; provided that during any period that this lease is continued in force after its primary term solely by force majeure as herein provided, Lessee shall pay to the owners of the royalty hereunder the shut-in royalty provided in paragraph 5 hereof, and in the manner therein provided, without regard to whether or not there is a producing well shut in, located on said land or on land with which the lease premises or any part thereof has been pooled.


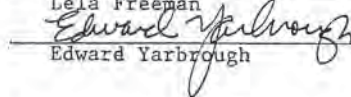
14. Lessee shall pay for actual damages caused by its operations to growing crops and timber on said land leased herein.

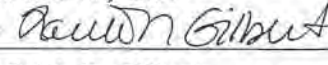
15. Notwithstanding the death of any party Lessor, or his successor in interest, the payment or tender of all sums accruing hereunder in the manner provided above shall be binding on the heirs, executors and administrators of such person.

16. Lessor hereby warrants and agrees to defend the title to the lands herein described, and agrees that the Lessee at its option shall have the right to redeem for Lessor, by payment, any mortgage, taxes or other liens on the above described lands, in the event of default of payment by Lessor, and be subrogated to the rights of the holder thereof. In case of payment of any such mortgage, taxes or other liens by Lessee, in addition to the right to subrogation herein granted, Lessee shall also have the right to retain any royalties which become due Lessor hereunder and to repay itself therefrom, and the retention of such royalties by Lessee shall have the same effect as if paid to the Lessor in whose behalf payment of any mortgage, taxes or other liens was made.

17. This lease shall be binding upon all who execute it, whether or not named in the body hereof as Lessor, and without regard to whether this same instrument, or any copy thereof, shall be executed by any other Lessor named above.

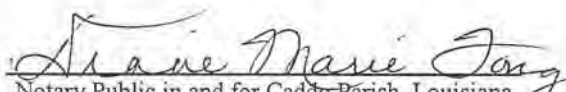
IN WITNESS WHEREOF, this instrument is executed as of the date first above written.

WITNESSES:  
  
 LeLa Freeman  
  
 Edward Yarbrough

LESSOR (WHETHER ONE OR MORE)  
 FRANKS REALTY, INC.  
 By:   
 Faith N. Gilbert  
 its, Secretary / Treasurer  
 72-0682479  
 SS No. OR TAX ID  
 SS No. OR TAX ID  
 SS No. OR TAX ID  
 SS No. OR TAX ID

STATE OF LOUISIANA  
 PARISH OF CADDO

ON THIS 13th day of June, 2005, before me personally appeared Faith N. Gilbert, to me personally known, who, being by me duly sworn, did say that he/she is the Secretary/Treasurer of FRANKS REALTY, INC. and that the above and forgoing instrument was signed on behalf of said corporation by the authority of its Board of Directors, and the said appearer acknowledged said instrument to be the free act and deed of said corporation.

  
 Notary Public in and for Caddo Parish, Louisiana  
 Notary Id # \_\_\_\_\_  
 Notary Printed Name: Diane Marie Eong, Notary Public ID # 2731  
P. O. Box 7685 - Shreveport, LA 71137-7685  
Commissioned in Caddo Parish, Louisiana  
Commission Expires for Life

My Commission expires \_\_\_\_\_



## EXHIBIT "A"

ATTACHED TO AND MADE A PART OF THAT CERTAIN OIL, GAS AND MINERAL LEASE DATED JUNE 9, 2005 BETWEEN FRANKS REALTY, INC., AS LESSOR, AND CAMTERRA RESOURCES PARTNERS, LTD., AS LESSEE.

### Description:

(Theoretical) SECTION 15, TOWNSHIP 16 NORTH, RANGE 13 WEST

**Tract #1:** 122.461 acres, more or less, being Lots 1 and 2 and a portion of Lots 3,6,7 and 8, Daniels Succession of Section 15, Township 16 North, Range 13 West, Caddo Parish, Louisiana as recorded in Book S, Page 884 of the Conveyance Records of Caddo Parish, Louisiana, being more particularly described in that certain Deed dated January 30, 2004, from Leroy Kirby, Jr., et ux, in favor of Franks Realty, Inc., recorded in Conveyance Book 3655, Page 364, Registry Number 1900984, of the Conveyance records of Caddo Parish, Louisiana; AND

**Tract #2:** All that part of the following described land lying in Section 15, Township 16 North, Range 13 West: 432.369 acres more particularly described in that certain Cash Deed dated July 9, 1998, from John Creighton Webb, Jr., et al, in favor of Franks Realty, Inc., recorded in Conveyance Book 3260, Page 436, Registry Number 1612248, of the Conveyance Records of Caddo Parish, Louisiana, as ratified and amended by Ratification and Amendment dated September 14, 1988 by John Woods Day, et al, recorded in Conveyance Book 3273, Page 185, Registry Number 1621270, of the Conveyance Records of Caddo Parish, Louisiana, as corrected by Correction of Ratification of Cash Sale Deed dated March 8, 1999, from Lucille Webb Day, recorded in Conveyance Book 3323, Page 331, Registry Number 1656532, of the Conveyance Records of Caddo Parish, Louisiana, containing 20.00 acres more or less.

The above described property contains in the aggregate 142.461 acres, more or less, and it is the intention of the herein Lessor to lease all lands/minerals owned by them in Section 15, (Theoretical Section 15), Township 16 North, Range 13 West, Caddo Parish, Louisiana, whether properly described herein or not.

### Additional Provisions:

Notwithstanding any provision to the contrary contained in the printed provisions of this oil, gas and mineral lease, the following special provisions shall prevail and govern over all printed provisions of said lease:

1. a. All royalties on oil and gas provided to Lessor herein shall be one-fourth (1/4) instead of one-eighth (1/8) and wherever the fraction one-eighth (1/8) appears in this lease in any connection with royalty, the fraction one-fourth (1/4) shall be substituted therefor.
- b. The royalties provided for in this lease shall be determined and delivered to Lessor free of any development, production, wellhead compression, processing, treating, gathering, marketing, transportation, delivery or like costs except such processing, gathering, marketing and transportation or delivery costs incurred by Lessee from unaffiliated Third Parties in which Lessee does not have a beneficial interest; however, such royalties shall bear taxes applicable to Lessor's share of production that are paid by Lessee.
- c. Accounting and payment to Lessor of royalties from the production of oil and gas shall commence no later than 120 days after the end of the calendar month in which first production occurs from each completed well. Thereafter, unless otherwise specifically provided herein, all accounting and payments of royalties shall be made on or before the last day of the second calendar month following the calendar month in which the production occurred. Any royalties or other payments to Lessor provided for in this lease that are not paid, except where there is a title defect disclosed by an opinion prepared by a title attorney, within the time period specified therefor shall accrue interest at the rate of three percent (3%) in excess of the prime interest rate of Chase Manhattan Bank, New York, New York per annum from due date until paid, provided that such interest rate shall be reduced automatically to the legal maximum rate in the event same ever exceeds such maximum rate. Acceptance by Lessor, its successors, agent, or assigns of royalties that are past due shall not act as a waiver or estoppel of its right to receive or recover interest due thereon under the provision hereof.



d. Notwithstanding the provisions of this paragraph to the contrary, Lessor shall have the right and option, but not the obligation, to take in kind Lessor's royalty share of all oil and gas produced under the terms of this lease and to separately market such oil or gas for Lessor's own account. Lessor's option may be exercised at any time and from time to time by Lessor giving Lessee written notice not less than thirty (30) days in advance of the beginning of the calendar month in which Lessor elected to take its production in kind. In the event Lessor elects to take in kind and separately market Lessor's royalty gas, Lessee agrees to deliver such gas to Lessor at the wellhead after separation and dehydration has been completed. In the event that compression or other pressure regulation is required to deliver gas to a pipeline purchaser selected by Lessor, Lessor shall be responsible for such compression costs. All other costs and expenses attributable to Lessor's election to separately market Lessor's royalty share of oil and gas production, including but not limited to Lessor's share of transportation fees under the terms of this paragraph, shall be borne by Lessor. Should Lessor elect not to take in kind its royalty portion of any oil, gas or other minerals produced hereunder after having done so, Lessor shall notify Lessee of Lessor's desire to no longer take said royalty in kind not less than 15 days prior to the end of the calendar month in which Lessor will cease to take its production in kind and it shall be Lessee's obligation to market said production for Lessor and to pay Lessor's royalty according to the other terms of this Lease.

e. Lessee shall not sell or contract for the sale of royalty oil or gas, being Lessor's Royalty Interest of any oil and/or gas produced for a price less than the price received by Lessee for the sale of oil or gas hereunder, nor less than the market value at the well of oil determined as of the date oil is produced and delivered, nor for less than the market value at the well of gas determined as of the date gas is first delivered under such contract. The term "market value" as used herein shall be defined to mean the price received by Lessee as a result of an arms length good faith negotiation with an unaffiliated purchaser in which Lessee does not have a beneficial interest. In no event shall Lessee enter into a contract for the sale of royalty oil or gas which does not provide for at least annual re-determination of the prices paid for gas sold under any such contract. Lessee shall not enter into any contract with any Affiliate relative to the sale, gathering, treating, compressing, marketing, operating, transporting or processing of any oil or gas produced from the Leased Premises without the prior written consent of Lessor. If Lessee enters into any such Affiliate contract without Lessor's prior written consent, Lessor shall have the right to unilaterally declare that all royalties have not been paid and that a default has occurred under the provisions of this lease. Where used herein, the term "Affiliate" means any individual, corporation, joint venture, partnership or other entity or organization controlling, controlled by or under common control of Lessee (the concept of control meaning the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of another, whether through ownership of voting securities, by contract or otherwise).

2. Notwithstanding anything in this lease to the contrary, actual drilling on, or production from any unit or units (formed by private agreement or by state or federal governmental authority, or otherwise) embracing the land covered by this lease only, or both land leased herein and other land, shall maintain this lease in force beyond the expiration of the primary term herein fixed, or any extension of same as provided herein, only as to that portion of Lessor's land included in such unit or units whether or not said drilling or production in on or from the leased premises. This lease may be maintained in force as to the remainder of the land covered hereby in any manner provided for herein. In the event a well (or wells) drilled on the leased premises is produced on a "lease basis", that is without there being a unit established for said well (or wells), said lease basis well (or wells) shall maintain this lease in force beyond the expiration of the primary term herein fixed, or any extension of same as provided herein, only as to an area of forty acres surrounding an oil well (or wells) or an area of one hundred sixty (160) acres surrounding a gas well, which area shall be as nearly as practicable in the shape of a square, with the well on or near the center thereof. No unit shall be declared by the Lessee under the terms of this lease without the prior written consent of Lessor.
3. This lease shall terminate at the end of the primary term herein fixed, or any extension of same as provided herein, as to all strata, zones and depths lying one hundred feet (100') below the deepest depth drilled in any well drilled on the leased premises or on land with which all or a portion of the leased premises has been pooled or unitized for production purposes. This provision of this lease shall be applicable on a well-by-well or unit-by-unit basis as appropriate. Lessee shall provide Lessor with a recorded release effecting the terms and provisions of this paragraph and enumerated paragraph two (2.) above within 45 days after the expiration of the primary or extended term of this lease, as applicable.



4. It is understood and agreed that Lessee may conduct no activity whatsoever on the surface of leased premises without the prior written consent of Lessor. Lessee shall promptly pay to Lessor all damages to the surface and appurtenances of the leased premises and to any other lands and appurtenances of Lessor caused by, or arising out of Lessee's operations under this lease, or any employees, agents, invitees, contractors or other representatives of Lessee on the leased premises or on any adjacent or contiguous premises under the control of, or being operated by Lessee. Such damages shall include, but not by way of limitations, damages to lands, buildings, structures, improvements, crops, timber, livestock, roads, or other properties of any kind. In the event Lessor consents to the placement of property or fixtures by Lessee on the leased premises, Lessee shall have 90 days after the expiration of this lease to remove said property or fixtures. At Lessor's option, if such property is not timely removed, title to same shall revert to the Lessor but only at the option of Lessor.
5. The rights of either party hereunder may be assigned in whole or in part and the provisions hereof shall extend to the respective heirs, executors, administrators, successors and assigns of the parties hereto; provided, however, that any such assignment by Lessee shall not become effective if Lessor has not been given written notice and furnished a copy of the assignment. Also, an assignment shall not relieve the Lessee of any duties, liabilities, or obligations owed to Lessor.
6. Notwithstanding the provisions of this lease to the contrary, this lease is granted by Lessor and accepted by Lessee without any covenant of title or warranty of title of any kind whatsoever, expressed or implied; and without any recourse against Lessor even as to the return of any consideration paid for this lease, or any royalties paid hereunder.
7. This lease covers only oil, gas and other hydrocarbons and/or substances, whether elements, mixtures of compounds in liquid, gaseous or vaporous forms or states, which can be produced through the bore of a well producing oil or gas, it being understood and agreed that coal, lignite, iron ore, gravel and all other hard minerals are excepted from this lease.
8. Lessee shall furnish Lessor, within 24 hours of its receipt thereof, a copy of all daily drilling and mud log reports, core and mud samples, complete copies of all logs, results of all drill stem tests, formation tests and core analyses, dipmeter and velocity surveys. Also, Lessee upon written request shall furnish Lessor all permits or forms filed with any regulatory agency, all monthly production and sales reports and all surveys and location plats made in connection with any well drilled on the leased premises or on lands pooled or unitized therewith. Limited to seismic and geophysical work performed by or on behalf of Lessee, Lessee shall furnish Lessor with all proprietary seismic and geophysical data, including tapes and support data. Information furnished to Lessor hereunder may be used for its own purposes, provided such information shall be maintained confidential for a period of 180 days of Lessor's receipt. Lessor, its agents or representatives, shall have full rights of ingress and egress to all areas of operations conducted under the terms of this lease.
9. This lease may not be maintained beyond its primary term for more than two consecutive years solely by the payment of shut-in gas well royalty payments. Shut-in gas well royalty payments shall be calculated on the basis of Ten Dollars (\$10.00) per mineral acre so pooled or unitized with each such shut-in gas well.
10. Lessee shall indemnify and hold Lessor harmless from and against all actions or causes of action, claims, losses and damages of every kind, including costs and reasonable and necessary attorney's fees, incident to or in any manner resulting in injury to persons (including employees, agents, representatives, invitees, and licensees of Lessee, or others engaged by Lessee) and damages to property, or other legal consequences arising out of the use and occupancy of the leased premises, and any and all operations or other work or service undertaken thereon by Lessee, its agents, representatives or others engaged by Lessee to perform the same, including, without limitation, all acts of commission or omission of Lessee, its said agents, representatives, invitees, employees and licensees.

**SIGNED FOR IDENTIFICATION:**

**FRANKS REALTY, INC.**

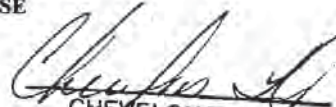
By: *Faith N. Gilbert*  
Faith N. Gilbert, Secretary/Treasurer



SCANNED @ 10:07:01.2008

**C 4067** MEMORANDUM OF OIL AND GAS LEASE

THE STATE OF LOUISIANA §  
PARISH OF CADDO §

  
CHEVELON TYLER  
DEPUTY CLERK

Notice is hereby given that on the 30th day of June, 2008, an Oil and Gas Lease was made and entered into by and between **Franks Investment Company, L.L.C.** whose address is PO Box 7626, Shreveport, La 71137 (hereinafter "Lessor"), and **Twin Cities Development, L.L.C.**, whose address is 401 Edwards Street, Suite 1920, Shreveport, LA 71101 (hereinafter "Lessee"), wherein Lessor grants, leases and lets exclusively to Lessee, for the purpose of exploring for and producing, oil, gas and other products produced in association with oil or gas, in and under those certain lands in Caddo Parish, Louisiana to-wit:

LEGAL DESCRIPTION ATTACHED AS "EXHIBIT A" AND BY REFERENCE MADE A PART HEREOF.

Subject to the other provisions therein contained, said Oil and Gas Lease provides for a primary term of three (3) years and as long thereafter as oil or gas or either of them is produced in paying quantities from the above described property.

Among the other additional terms and conditions of said Oil and Gas Lease:

Upon the expiration of the primary term of this lease, Lessee shall release:

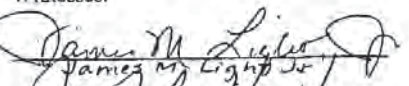
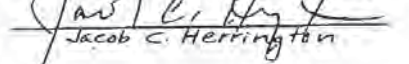
- a.) All lands covered by this lease (as to all depths) lying outside of the geographical boundaries of the producing units, established under the terms and provisions of said lease, and
- b.) All depths covered by this lease not then producing in paying quantities from a Unitized Interval within the geographical boundaries of the producing units established under the terms and provisions of said lease.


THERE WILL BE NEITHER DRILLING NOR SURFACE OPERATIONS OF ANY KIND ON THE LEASED PREMISES, EXCEPT AS PERMITTED HEREAFTER BY A MUTALLY ACCEPTABLE SURFACE USE AGREEMENT BY AND BETWEEN LESSOR AND LESSEE THAT IS REDUCED TO WRITING AND EXECUTED BY LESSOR AND LESSEE.

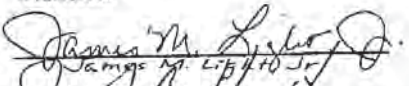
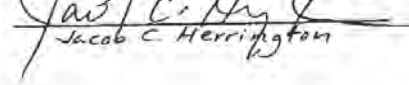
Originals of the Oil and Gas Lease are in the possession of Lessor and Lessee, at their respective addresses stated above.

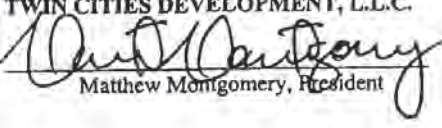
This Memorandum is executed for the purpose of filing this instrument of record in the official Records of Caddo Parish Louisiana, to give notice to all third parties dealing with Lessor or Lessee, or with the lands described above, of the existence of the Oil and Gas Lease. The Oil and Gas Lease and this Memorandum shall be binding upon Lessor and Lessee and their respective heirs, successors and assigns.

IN WITNESS WHEREOF, this instrument is executed to be effective as of the date stated herein.

Witnesses:  
  
  
James M. Light Jr.  
Jacob C. Herrington

FRANKS INVESTMENT COMPANY, L.L.C.  
By:   
Bobby E. Jelks, Manager

Witnesses:  
  
  
James M. Light Jr.  
Jacob C. Herrington

TWIN CITIES DEVELOPMENT, L.L.C.  
By:   
Matthew Montgomery, President



STATE OF LOUISIANA )

PARISH OF Bossier )

On this 30<sup>th</sup> day of June, 2008, before me personally appeared Bobby E. Jelks to me personally known to be the Manager of Franks Investment Company, L.L.C., duly authorized to act on behalf of same, who acknowledged that said instrument was signed on behalf of said limited liability company by authority of its membership and said Bobby E. Jelks acknowledged said instrument to be the free act and deed of said limited liability company.

*Diane Marie Fong*  
Notary Public in and for \_\_\_\_\_ Ph., LA

Diane Marie Fong, Notary Public ID # 2731  
P. O. Box 7665 - Shreveport, LA 71137-7665  
Commissioned in Caddo Parish, Louisiana  
Commission is for life.

STATE OF LOUISIANA )

PARISH OF Bossier )

On this 30<sup>th</sup> day of June, 2008, before me personally appeared Matthew Montgomery to me personally known to be the President of Twin Cities Development, L.L.C., duly authorized to act on behalf of same, who acknowledged that said instrument was signed on behalf of said limited liability company by authority of its membership and said Matthew Montgomery acknowledged said instrument to be the free act and deed of said limited liability company.

*Diane Marie Fong*  
Notary Public in and for \_\_\_\_\_ Ph., LA

Diane Marie Fong, Notary Public ID # 2731  
P. O. Box 7665 - Shreveport, LA 71137-7665  
Commissioned in Caddo Parish, Louisiana  
Commission is for life.

STATE OF LOUISIANA

PARISH OF \_\_\_\_\_

Before me, the undersigned authority, personally came and appeared \_\_\_\_\_ who being first duly sworn deposes and says that he was one of the subscribing witnesses to the execution of the foregoing instrument by \_\_\_\_\_ who signed the same in his presence and that of the other subscribing witness(es) to such signature(s) whose name(s) (signatures) are affixed as such, and that he/she now recognizes all said signatures to be true and genuine.

Sworn to and subscribed before me, notary, on this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

NOTARY PUBLIC in and for \_\_\_\_\_ Parish, Louisiana

## EXHIBIT 'A'

Attached hereto and made a part of this memorandum dated June 30, 2008 by and between Franks Investments Company, LLC, as Lessor and Twin Cities Development, LLC, as Lessee

1.) That certain tract of land containing 432.617 acres, more or less, located in Sections 10, 11, 14 and 15-T16N-R13W, described in that certain Cash Sale Deed, dated July 9, 1998, by and between John Creighton Webb, Jr. et al, Vendors, and Franks Realty, Inc., Vendee, recorded under Registry No. 1612248 of the Conveyance Records of Caddo Parish, Louisiana, and more particularly described in those various Corrections of Ratification of Cash Sale Deed, recorded under Registry Nos. 1656552-1656559 and 1656561 of the Conveyance Records of Caddo Parish, Louisiana, **INSOFAR AND ONLY INSOFAR AS TO THOSE CERTAIN DEPTHS SET FORTH HEREINAFTER:**

a.) As to theoretical Section 14, this Lease covers only those depths and horizons located below 10,663' thereunder. (Leasehold rights above said depths and horizons are subject to those certain oil and gas leases, dated May 15, 1973, and October 1, 2003, recorded, respectively, in Book 1417, Page 394 and under Registry No. 1884251.)

b.) As to theoretical Section 15, this Lease covers only those depths and horizons located below 10,885' thereunder. (Leasehold rights above said depths and horizons are subject to those certain oil and gas leases, dated May 15, 1973, and June 9, 2005, recorded in Book 1417, Page 394 and Book 3783 Page 41, respectively.)

c.) As to theoretical Sections 10 and 11, this Lease covers only those depths and horizons located below the stratigraphic equivalent of 7,595' as seen on the electric log of the Grigsby Petroleum, Inc.-ROD RD SUA; Egan #1 located in theoretical Section 14-16N-13W. (Leasehold rights above said depths and horizons are subject to that certain oil and gas lease, dated May 15, 1973, recorded in Book 1417, Page 394.)

2.) That certain tract of land containing 488.190 acres of land, more or less, located in theoretical sections 3, 4, 9 and 10-T16N-R13W, more particularly described in the certain Deed, dated January 7, 1999, by and between John Franks et ux, Vendors, and Franks Realty, Inc., Vendee, recorded under Registry No. 1636805 of the Conveyance Records of Caddo Parish, Louisiana, **INSOFAR AND ONLY INSOFAR AS TO THOSE CERTAIN DEPTHS SET FORTH HEREINAFTER:**

a.) As to all of said 488.190-acre tract, this Lease covers only those depths and horizons located below the stratigraphic equivalent of 7,595' as seen on the electric log of the Grigsby Petroleum, Inc.-ROD RD SUA; Egan #1 located in theoretical Section 14-16N-13W. (Leasehold rights above said depths and horizons are subject to that certain oil and gas lease, dated May 15, 1973, recorded in Book 1417, Page 394, less and except that certain 5-acre tract described by Cash Sale Deed, dated June 2, 1994, under Registry Number 01437115 of the Conveyance Records of Caddo Parish, Louisiana, which 5-acre tract does not appear to be subject to a previous lease.)

3. That certain tract of land containing 122.461 acres of land, more or less, located in theoretical section 15-T16N-R13W, more particularly described in that certain Deed, dated January 30, 2004, by and between Le Roy Kirby et ux, as "Sellers", and Franks Realty, Inc., recorded under Registry No. 1900984 of the Conveyance Records of Caddo Parish, Louisiana, **INSOFAR AND ONLY INSOFAR AS TO THOSE CERTAIN DEPTHS SET FORTH HEREINAFTER:**

a.) As to all of Lessor's interest in said 122.461-acre tract, this Lease covers only those depths and horizons located below the stratigraphic equivalent of 10,885' thereunder. (Leasehold rights above said depths and horizons are subject to that certain oil and gas lease, dated June 9, 2005, recorded in Book 3783, Page 41.)



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4. All of Lessor's undivided mineral interest in and to that certain tract of land containing 70.38 acres, more or less, located in theoretical section 4-T16N-R13W, more particularly described in the certain Cash Sale Deed, dated February 11, 1999, by and between John Franks et ux and Multi-Faith Retirement Services, recorded under Registry No. 1641095 of the Conveyance Records of Caddo Parish, Louisiana.

a.) There is no depth restriction regarding Lessor's interest in this 70.38-acre tract and both Lessor and Lessee recognize that the oil, gas and mineral lease cited in the aforesaid instrument, which lease is recorded in Book 1417, Page 411 of the Conveyance Record of Caddo Parish, has expired on its terms.

5.) All of Lessor's undivided mineral interest in and to that certain tract of land containing 36.64 acres, more or less, located in theoretical section 4-T16N-R13W, more particularly described in the certain Credit Sale Deed, dated November 9, 1979, by and between John Franks et ux and Multi-Faith Retirement Services, recorded under Registry No. 814237 of the Conveyance Records of Caddo Parish, Louisiana

a.) There is no depth restriction regarding Lessor's interest in this 36.64-acre tract and both Lessor and Lessee recognize that the oil, gas and mineral lease cited in the aforesaid instrument, which lease is recorded in Book 1417, Page 405 of the Conveyance Record of Caddo Parish, has expired on its terms.

END OF EXHIBIT "A"

C 4260

Gary Loftin  
Caddo Parish Clerk of Court

2246604

08/26/2009 10:53 AM

Prepared By:  
Chesapeake Exploration, LLC.  
P.O. Box 18498  
Oklahoma City, OK 73154

MEMORANDUM OF SURFACE USE AGREEMENT

THE STATE OF LOUISIANA

§  
§  
§

L0232501

*Kim Burroughs*  
KIM BURROUGHS  
DEPUTY CLERK

PARISH OF Caddo

Notice is hereby given that effective the 17<sup>th</sup> day of August, 2009, a Surface Use Agreement was made and entered into by and between Franks Investment Company, L.L.C., whose address is P.O. Box 7626, Shreveport, LA 71137 (hereinafter "Surface Owner"), and Chesapeake Operating, Inc., whose address is P. O. Box 18496, Oklahoma City, OK 73154-0496 (hereinafter "Operator"), wherein Surface Owner grants to Operator the right to use and occupy certain lands owned by Surface Owner and located in Caddo Parish, Louisiana, more particularly described as follows:

A portion of (theoretical) Section 11, Township 16, North, Range 13 West, Caddo Parish, Louisiana, consisting of approximately 5.01 acres (+/-), which area consists of (a) a drillsite pad [4.59 acres (+/-)], and (b) an access road 30 feet in width and 586 feet in length [0.42 acres (+/-)] to access the drillsite pad, all as more fully shown on the survey plat attached as Exhibit A hereto.

Subject to all other provisions thereof, the Surface Use Agreement provides for a term commencing with the effective date of the Surface Use Agreement and continuing so long as that certain oil, gas and mineral lease granted by Surface Owner, as lessor, to Twin Cities Development, L.L.C., as lessee, on June 30, 2008, public notice of which was provided by Memorandum of Oil and Gas Lease filed in the Conveyance Records of Caddo Parish, Louisiana, on June 30, 2008, under Registry Number 2166011, remains in effect over any portion of (theoretical) Sections 11 and 14, Township 16 North, Range 13 West, Caddo Parish, Louisiana, according to its terms.

Originals of the Surface Use Agreement are in the possession of Surface Owner and Operator at their respective addresses stated above.

This Memorandum of Surface Use Agreement is executed for the purpose of filing this instrument of record in the Conveyance Records of Caddo Parish Louisiana, to give notice to all third parties dealing with Surface Owner or Operator, or with the lands described above, of the existence of the Surface Use Agreement. The Surface Use Agreement and this Memorandum of Surface Use Agreement shall be binding upon Surface Owner and Operator and their respective heirs, successors and assigns.

IN WITNESS WHEREOF, this instrument is executed to be effective as of the date stated herein.

WITNESSES:

SURFACE OWNER:

*Diane F. Marlowe*  
(Signature of 1<sup>st</sup> Witness)  
Diane F. Marlowe  
(Print name of 1<sup>st</sup> Witness)

Franks Investment Company, L.L.C.  
By: *Bobby E. Jekks*  
Bobby E. Jekks, Manager

*Nancy S. Duke*  
(Signature of 2<sup>nd</sup> Witness)  
Nancy S. Duke  
(Print name of 2<sup>nd</sup> Witness)

WITNESSES:

OPERATOR:

*Kim McAniff*  
(Signature of 1<sup>st</sup> Witness)  
Kim McAniff  
(Print name of 1<sup>st</sup> Witness)

CHESAPEAKE OPERATING, INC.  
By: *Randall Rodriguez*  
Randall Rodriguez  
Manager - Field, Southern Division

*Melanie Ellis*  
(Signature of 2<sup>nd</sup> Witness)  
Melanie Ellis  
(Print name of 2<sup>nd</sup> Witness)

*Handwritten initials*



ACKNOWLEDGMENTS

STATE OF LOUISIANA

PARISH OF CADDO

On this 17<sup>th</sup> day of August, 2009, before two competent witnesses and me, the undersigned authority, duly qualified and acting as such in and for the above parish, state aforesaid, appeared Bobby E. Jelks, to me personally known, who, being by me duly sworn, did say:

That he is the duly authorized Manager of Franks Investment Company, L.L.C., a Louisiana limited liability company, that the foregoing instrument was signed by him on behalf of said company, and that said appearer acknowledged said instrument to be the free act and deed of said company.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

*F. Drake Lee*  
\_\_\_\_\_  
Notary Public in and for the State of Louisiana

(Notary's Printed Name and ID #)  
My Commission Expires: \_\_\_\_\_  
F. Drake Lee, Bar ID No. 08263  
Notary Public  
Caddo Parish, Louisiana  
My Commission Is For Life

STATE OF OKLAHOMA

COUNTY OF OKLAHOMA

On this 17<sup>th</sup> day of August, 2009, before two competent witnesses and me, the undersigned authority, duly qualified and acting as such in and for the above parish, state aforesaid, appeared Randall Rodrigue, to me personally known, who, being by me duly sworn, did say:

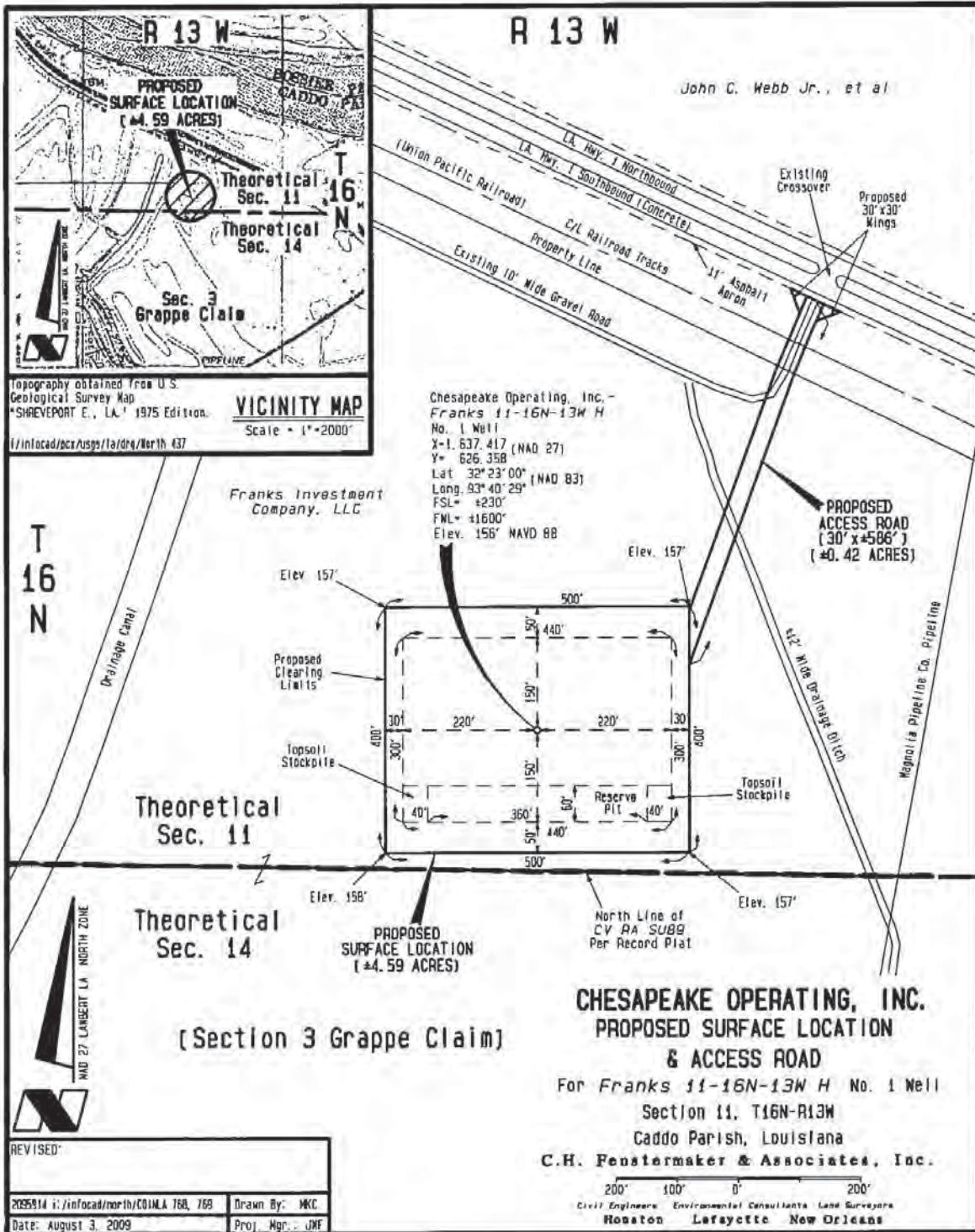
That he is the duly authorized Manager – Field, Southern Division, of Chesapeake Operating, Inc, that the foregoing instrument was signed by him on behalf of said company, and that said appearer acknowledged said instrument to be the free act and deed of said company.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

*Mandie Shipman*  
\_\_\_\_\_  
Notary Public in and for the State of Oklahoma  
*Mandie Shipman 06011656*  
(Notary's Printed Name and ID #)  
My Commission Expires: 12-7-10



EXHIBIT "A"



Record & Return to:  
Chesapeake Operating, Inc.  
P.O. Box 18496  
Oklahoma City, OK 73154



Shari Brantham  
DEPUTY CLERK

SURFACE USE AGREEMENT

C 4586

This Surface Use Agreement ("Agreement") is made and entered into effective as of May 5, 2011 (the "Effective Date"), by and between the following (hereinafter sometimes referred to collectively as the "Parties"):

**Franks Investment Company, L.L.C., a Louisiana Limited Liability Company ("Franks")**, whose address is P.O. Box 7626, Shreveport, LA 71137-7626, represented herein by Bobby E. Jelks, its duly authorized Manager; and

**Petrohawk Operating Company, a Texas corporation (HK)** whose address is 6100 South Yale, Suite 500, Tulsa, Oklahoma 74136, represented herein by Jak Keenan, its duly authorized Vice President-Land

Whereas, Franks has granted Twin Cities Development, L.L.C., ("TCD") an Oil, Gas and Mineral Lease (the "Lease") dated June 30, 2008, covering certain lands in Caddo Parish, Louisiana;

Whereas, a Memorandum of Oil and Gas Lease (the "Memorandum") was filed in the Conveyance Records of Caddo Parish, Louisiana on June 30, 2008, under Registry Number 2166011 to provide notice of the Lease;

Whereas, both the Lease and Memorandum forbid drilling or surface operations on lands covered by the Lease except as permitted by subsequent surface use agreement mutually acceptable to Franks and TCD that is reduced to writing and signed by both Parties;

Whereas, the Lease covers, among other property, certain lands located in (theoretical) Section 10, Township 16 North, Range 13 West, Caddo Parish, Louisiana, all as more fully described in the Lease, the surface of which is owned by Franks (the "Surface Lands");

Whereas TCD has assigned the Lease to Chesapeake Operating, Inc. (COI);

Whereas, HK desires to use and occupy a portion of the Surface Lands consisting of 9.782 acres (+/-) for drilling and surface operations, which area consists of (a) a drillsite pad (the "Drillsite Pad") [ 5.739 acres (+/-)], and (b) an access road 4493.37 feet in length (the "Access Road") [4.043 acres (+/-)] to access the Drillsite Pad, all as more fully shown on the survey plat attached as Exhibit A hereto;

Now, therefore in consideration of the premises and the mutual covenants and agreements set forth below, the Parties agree as follows:

1. **Surface Use.** For payment of the cash consideration described in paragraph 3 below and the premises, Franks grants unto HK, its agents, contractors, employees, and its successors and assigns, a right of use and servitude (hereinafter collectively called the "Right of Use") for ingress and egress on, upon and across the Access Road and Drillsite Pad as may be necessary, useful or convenient to HK in (a) the drilling, completing, re-completing, reworking, maintaining, producing and otherwise operating of directional and horizontal wells (each a "Well"; collectively, the "Wells") from locations on the Drillsite Pad through the subsurface of the Surface Lands to bottom hole locations beneath the Surface Lands or lands pooled therewith, (b) constructing, operating, and maintaining equipment reasonably necessary for its operations, and (c) the storing, transporting, distributing, marketing and selling of oil, gas and other liquid or gaseous hydrocarbons produced from any of the Wells. The Right of Use includes the right to locate an earthen frac water source tank and an earthen frac water flowback tank, herein collectively referred to as "Pits", on the Drillsite Pad. It is contemplated that multiple horizontal wells may be drilled from the Drillsite Pad. All drilling, completion, reworking, and production operations shall be conducted only on the Drillsite Pad. Ingress and egress to the Drillsite Pad shall be on only by the Access Road. All of HK's operations under this Agreement shall be conducted in full compliance with all applicable laws, rules and regulations of any authority having jurisdiction over such operations.

Map Attached

61

Gary Loftin  
Caddo Parish Clerk of Court  
2411930  
07/09/2012 10:48 AM

2. **Term.** The term of this Agreement shall commence with the Effective Date and shall continue for so long as the Lease remains in effect over any portion of the Surface Lands in accordance with the terms of the Lease.
3. **Consideration:** As consideration for the Right of Use herein granted, HK shall pay Franks (a) \$75,000.00 upon the Effective Date; and (b) thereafter, on each successive anniversary of the Effective Date during the term of this Agreement, the sum of \$5,000 per acre for each acre included in the Drillsite Pad and Access Road.
4. **Special Agreements of HK.** HK agrees that its operations on the Drillsite Pad and Access Road shall be conducted in accordance with the following provisions:
  - 4.1. While drilling or reworking operations are being conducted, HK shall construct and maintain a fence around the area of operations and shall take appropriate measures to insure that only authorized persons have access to the Drillsite Pad. After the completion of a Well, HK shall construct and maintain a substantial fence around all tank batteries, separators, and other surface equipment and shall keep all gates locked. HK shall keep all surface equipment in a good state of repair and painted as often as is necessary to maintain a good appearance. HK shall remove all debris, trash, unused materials, pipe, or equipment from the Drillsite Pad on a continuing basis. HK may not construct any buildings or other structures on the Drillsite Pad except for temporary mobile buildings utilized during drilling and completion operations. HK will use only low profile pumping units and permanent production tanks on the Drillsite Pad. HK shall bury all pipelines located on the Surface Lands, where prudently possible, so that the top of the pipeline is at least 36 inches below the surface.
  - 4.2. Before any drilling equipment is moved to the Drillsite Pad, HK must construct the Access Road as an all-weather, graded gravel road with tin horns of appropriate diameter placed where necessary. HK shall maintain the Access Road in a good condition.
  - 4.3. HK agrees to keep the Drillsite Pad clean, to keep equipment painted, to fence all Pits until the Pits can be filled and leveled by HK, as provided for below, to repair any fences damaged by HK, and to restore the premises to natural condition insofar as is reasonably practicable upon termination of each operation. Notwithstanding any permanent production tanks allowed for under this Agreement, all salt water produced by operations conducted from the Drillsite Pad may be stored in lined above ground storage containers on a temporary basis and then may be reused in connection with fracture stimulation of additional Wells, or if not so used, must be removed by HK.
  - 4.4. All Pits must be filled to ten inches above ground level by HK within 180 days after completion of each Well, provided however if HK has provided Franks with a development plan outlining a multi-well drilling program which will require the continued use of such Pits, then such Pits may remain open until such program is completed. If the Pits are too wet to cover within 180 days after completion of a Well or Wells, HK agrees to remove to contents of each from the Drillsite Pad and to fill the pits as provided above when the ground is dry.
  - 4.5. HK shall have the right to drill a water well on the Drillsite Pad. Within 30 days of such date as HK ceases to use the water well, HK shall provide Franks written notice tendering the well, free of cost. Upon receipt of that notice Franks shall have 30 days within which to accept the tender. If Franks elects to accept the tender, HK agrees to execute such instrument(s) as may be necessary to convey the well to Franks. If Franks declines to accept the tender, HK shall remain responsible to close the water well in compliance with all applicable laws and regulations.
  - 4.6. HK may not use sand, gravel, or any other materials from the Surface Lands in HK's operations without the prior written consent of Franks. Under no



circumstances may HK, its agents, employees, or contractors bring firearms, dogs or other animals on the Surface Lands or hunt or fish on the Surface Lands.

5. **Indemnity.** As contemplated in paragraph 11 [11.(a) and 11. (b)] of Exhibit B to the Lease, HK undertakes and agrees to be bound by and to perform all indemnification obligations and other obligations imposed upon the "Lessee" therein, which obligations the Parties agree are fully incorporated in this Agreement by reference.
6. **Plugging and Abandonment and Surface Restoration.** HK shall cause any Well drilled pursuant to this Agreement to be plugged and abandoned at the time and in the manner required by applicable laws and regulations unless Franks exercises its right to take over the Well pursuant to the provisions of paragraph 10 of Exhibit B to the Lease. Upon the expiration of the term of this Agreement, HK shall take such steps as are reasonably practicable to restore the ground surface of the Drillsite Pad and Access Road to as near conditions existing before construction thereof, including (as necessary) placement and grading of topsoil and planting of native grasses; provided, however, that Franks shall have the right, but not the requirement, to take over the Access Road "as is, where is."
7. **General.**

7.1. The Right of Use is a limited right of use and servitude and is intended as a covenant running with the Surface Lands (including both surface and underlying minerals in the event of any severance), in accordance with the terms set forth herein and is binding upon and for the benefit of Franks and HK and their successors and assigns.

7.2. The rights and obligations of HK under this Agreement may be assigned to one or more third parties only to the extent that the assignment (a) is permitted under paragraph 5 of Exhibit B to the Lease, and (b) requires each assignee to assume and agree to perform its proportionate part of the obligations of HK under this Agreement. The rights of Franks under this Agreement may be assigned to one or more third parties provided that any assignment must require the assignee to assume and agree to perform its proportionate part of the obligations of Franks under this Agreement.

7.3. This Agreement is to be performed in Caddo Parish, Louisiana. No obligation of HK to pay money under this Agreement will be excused by reason of force majeure.

7.4. Paragraph headings are used in this Agreement for convenience only and are not to be considered in the interpretation or construction of this Agreement. The execution or ratification by Franks of any division order, gas contract, or any other document will not alter any provision of this Agreement unless the intent to do so is expressly stated in the document.

7.5. This Agreement, together with attached Exhibit A and the referenced and incorporated provisions of the Lease, constitutes the entire agreement of the Parties with respect to the subject matter hereof, and any other promises, inducements, representations, warranties or agreements with respect to the subject matter hereof have been superseded hereby and are not intended to survive this Agreement. Except as otherwise expressly provided herein, no amendment or modification of this Agreement shall be effective unless set forth in writing and signed by a duly authorized officer of each of the Parties. The invalidity of any one or more of the provisions of this Agreement does not affect the remaining portions of this Agreement, and in case of any such invalidity, this Agreement should be construed as if the invalid provision(s) had not been inserted.

7.6. This Agreement shall be governed by and interpreted in accordance with the laws of the State of Louisiana.

IN WITNESS WHEREOF, the Parties have executed this Agreement in duplicate originals on the dates of their respective acknowledgments but effective as of the Effective Date.

**WITNESSES:**

Nancy S. Duke  
(Signature of 1<sup>st</sup> Witness)

Nancy S. Duke  
(Print name of 1<sup>st</sup> Witness)

D. F. Marlowe  
(Signature of 2<sup>nd</sup> Witness)

D. F. Marlowe  
(Print name of 2<sup>nd</sup> Witness)

**SURFACE OWNER:**

Franks Investment Company, L.L.C.

By: Bobby E. Jelks  
Bobby E. Jelks, Manager

**WITNESSES:**

Meriel Murgrove  
(Signature of 1<sup>st</sup> Witness)

Meriel Murgrove  
(Print name of 1<sup>st</sup> Witness)

Victoria Horton  
(Signature of 2<sup>nd</sup> Witness)

Vickie Horton  
(Print name of 2<sup>nd</sup> Witness)

**OPERATOR:**

Petrohawk Operating Company

By: Jak Keenan  
Jak Keenan, Vice President-Land

**ACKNOWLEDGMENTS**

STATE OF LOUISIANA

PARISH OF BOSSIER

On this 7<sup>th</sup> day of July, 2011, before two competent witnesses and me, the undersigned authority, duly qualified and acting as such in and for the above parish and state aforesaid, appeared Bobby E. Jelks, to me personally known, who, being by me duly sworn, did say:

That he is the duly authorized Manager of Franks Investment Company, L.L.C., a Louisiana limited liability company, that the foregoing instrument was signed by him on behalf of said company, and that said appearer acknowledged said instrument to be the free act and deed of said company.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

F. Drake Lee  
Notary Public in and for the State of Louisiana

(Notary's Printed Name and ID #)  
My Commission Expires: \_\_\_\_\_

F. Drake Lee, Bar ID No. 08263  
Notary Public  
Caddo Parish, Louisiana  
My Commission Is For Life



STATE OF OKLAHOMA

COUNTY OF OKLAHOMA

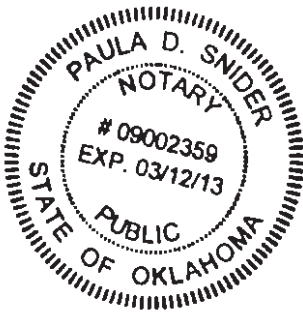
On this 24 day of June, 2011, before two competent witnesses and me, the undersigned authority, duly qualified and acting as such in and for the above county and state aforesaid, appeared Jak Keenan, to me personally known, who, being by me duly sworn, did say:

That he is the duly authorized Vice President-Land of Petrohawk Operating Company, that the foregoing instrument was signed by him on behalf of said company, and that said appearer acknowledged said instrument to be the free act and deed of said company.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal.

Paula D. Snider  
Notary Public in and for the State of Oklahoma

Paula D. Snider #09002359  
(Notary's Printed Name and ID #)  
My Commission Expires: 3/12/2013



# R-13-W

**LOUISIANA NORTH 1/4 NAD 83 COORDINATES**

SECTION CORNER	NORTHING	EASTING
NW-Corner, 10 (Calc-d)	692502.9153	29115179.189
NE-Corner, 10 (Calc-d)	692416.9525	2916466.5577
SW-Corner, 10 (Calc-d)	696663.0850	2916600.0190
SE-Corner, 10 (Calc-d)	696819.1979	2911411.7776
NW-Corner, 11 (Calc-d)	691653.8779	2916640.0217
NE-Corner, 11 (Calc-d)	691605.0831	2921763.6932
SW-Corner, 11 (Calc-d)	686777.8948	2921819.4189

**WELL LOCATION:**  
 NAD 83 GROUND ELEV. 158.20 FEET  
 WELL COORDINATES:  
 LAT = 32° 23' 01.28164257" NAD 27  
 LONG = -93° 41' 09.36074411" NAD 27  
 X = 1833898.63451501 NAD 27  
 Y = 650524.70142085 NAD 27  
 LAT = 32° 23' 01.28164257" NAD 27  
 LONG = -93° 41' 09.36074411" NAD 27  
 X = 1833898.63451501 NAD 27  
 Y = 650524.70142085 NAD 27

**BOTTOM HOLE LOCATION:**  
 CALC.S: 250' FINI. 1890' TEL.  
 OF THIS SECTION 10-16N-13W  
 WELL COORDINATES:  
 LAT = 32° 21' 30.000065361" NAD 27  
 LONG = -93° 41' 09.36074411" NAD 27  
 X = 1833898.63451501 NAD 27  
 Y = 650524.70142085 NAD 27

**ACCESS ROAD ORIGIN POINT:**  
 LAT = 32° 21' 30.000065361" NAD 27  
 LONG = -93° 41' 09.36074411" NAD 27  
 NO NEW CONSTRUCTION REQUIRED

**GENERAL NOTES:**

1. PROJECT COORDINATE SYSTEM AS ILLUSTRATED IN THIS DRAWING IS THE LOUISIANA STATE PLANT LATERAL SYSTEM OF 1983 NORTH ZONE IN BOUNDARY COORDINATES. THE HORIZONTAL AND VERTICAL CURVES HAVE BEEN CALCULATED AND THE POINTS DISPLAYED ARE CORRECTED TO "GRAVITY" LATITUDES.
2. THIS SURVEY IS SUBJECT TO POSSIBLE TRUBLE AND NON-VARIABLE LATITUDES.
3. THE SECTION LINES OR UNIT BOUNDARIES DEPICTED HEREON WERE PRODUCED AND/OR INFLUENCED FROM A COMBINATION OF SURVEY DATA AND THE FIELD ADJUSTMENT INFORMATION AND REVISIONS THEREON. THE BOUNDARIES DEPICTED HEREON ARE SUBJECT TO REVISIONS IN THE FUTURE. THE BOUNDARIES ARE SUBJECT TO CHANGES IN THE DATA AND TO CONTINGENT ADJUSTMENTS SURVEYS, ONCE COMPLETED.

**WELL LOCATION LEGAL DESCRIPTION:**  
 COMMENCING AT THE SOUTHEAST CORNER OF THEORETICAL SECTION 10; THENCE NORTH 00 DEGREES 28 MINUTES 49 SECONDS EAST A DISTANCE OF 540.00 FEET TO A POINT; THENCE NORTH 89 DEGREES 09 MINUTES 09 SECONDS EAST A DISTANCE OF 500.00 FEET TO A POINT; THENCE NORTH 10 DEGREES 15 MINUTES 31 SECONDS WEST A DISTANCE OF 500.00 FEET TO A POINT; THENCE NORTH 89 DEGREES 09 MINUTES 09 SECONDS WEST A DISTANCE OF 500.00 FEET TO A POINT; THENCE NORTH 00 DEGREES 28 MINUTES 49 SECONDS EAST A DISTANCE OF 500.00 FEET TO THE POINT OF BEGINNING. SAID DESCRIBED TRACT CONTAINING 5.739 ACRES, MORE OR LESS, ALL LYING IN CADDOPARISH, LOUISIANA.

REV	DATE	REVISION MADE
F	3/19/71	Revised plat, added well name
E	3/4/71	Changed acreage in legal (Orig 11.4672)
O	3/4/71	Finalized plat (Orig 11.4672)
D	5/2/71	Added lever info and road dimensions (Orig. 11.4672)
C	4/27/71	Added marsh line info to page 2 (Orig. 11.4672)
B	4/27/71	Adjusted ROW to show in Thru. Sec 11 (Orig. 11.4672)
A	4/27/71	Original plat (Orig. 11.4635)

**PETROHAWK OPERATING COMPANY**  
 9100 S. Yale Ave.  
 Tulsa, Oklahoma, 74138

**LANDPOINT**  
 1500 N. Green Road  
 Suite 100  
 Gretna, NE 68025  
 No Photocopies or Computations  
 by Landpoint, Inc.

**WID-99 Franks Investment Company, 10H N1**  
 Pad & Road Survey  
 Located in Section 10, Township 14N and R. 13W  
 Caddo Parish, Louisiana



**COMBINED FACTOR**  
 (SCALD) 0.99994426

**LEGEND**

- P.O.B. / SURVEY POINT
- EXISTING CORNERS FOUND
- CALCULATED SECTION CONTROL
- GROUND ELEVATION
- WELL LOCATION
- FENCE
- RAILROAD TRACKS
- GRAVEL ROAD
- ADJ. LINE
- PEM. LEASE ROAD BLOW
- PEM. LEASE ROAD CENTERLINE
- ASPHALT ROAD SECTION LINE

**WID-99 Franks Investment Company, 10H N1**  
 Pad & Road Survey  
 Located in Section 10, Township 14N and R. 13W  
 Caddo Parish, Louisiana

**I HEREBY STATE THAT THE HEREON PLATTED AND DESCRIBED SURVEY WAS COMPLETED UNDER MY SUPERVISION ON THE 19TH DAY OF APRIL 2011 AND THAT THE CORNERS WERE SET, OR RECOVERED AS SHOWN, TO THE BEST OF MY KNOWLEDGE AND ABILITY.**

**JAMES LAYTON SOUTER, PLS No. 04579**  
 NOTE: THIS PLAT SHOULD NOT BE CONSIDERED VALID WITHOUT INCLD SURVEYOR'S STAMP AND SIGNATURE. BEARINGS BASED ON GRID NORTH.  
 NO PHOTOCOPIES. © COPYRIGHT 2011

**EXHIBIT "A"**







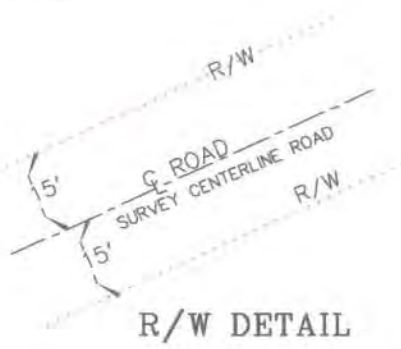
N/2 OF PROJECTED SECTION 14, T 16 N, R 13 W  
CADDO PARISH, LOUISIANA

10 11  
15 14



SCALE: 1" = 400'

FRANKS REALTY, INC. ETAL  
30' ROAD R/W 1031.85 LF  
ROAD = 0.711 ACRES  
WELL SITE = 2.066 ACRES



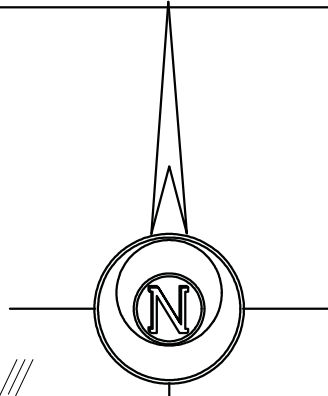
FORREST N. RABURN, P.L.S. 4416  
THIS PLAT DOES NOT COMPLY WITH LA. MIN. STANDARDS, AND IS NOT FOR A BOUNDARY SURVEY. THE BEARINGS AND DISTANCES SHOWN ARE NOT INTENDED TO BE DEFINITIVE IN ESTABLISHING ACTUAL TITLE BOUNDARIES. NO TITLE RESEARCH OR INVESTIGATION OF RIGHT-OF-WAYS, EASEMENTS, OR SERVITUDES, UTILITIES, OR ENVIRONMENTAL MATTERS, OR VISIBLE EVIDENCE OF PIPELINES OR RIGHT-OF-WAYS EXCEPT AS SHOWN HEREON.

SURVEY OF A PROPOSED SITE FOR J-W OPERATING COMPANY ACROSS THE PROPERTY OF FRANKS REALTY, INC. ETAL IN THE N/2 OF PROJECTED SECTION 14, T 16 N, R 13 W CADDO PARISH, LOUISIANA

Date: 6/3/08  
Job Number: 07-074S

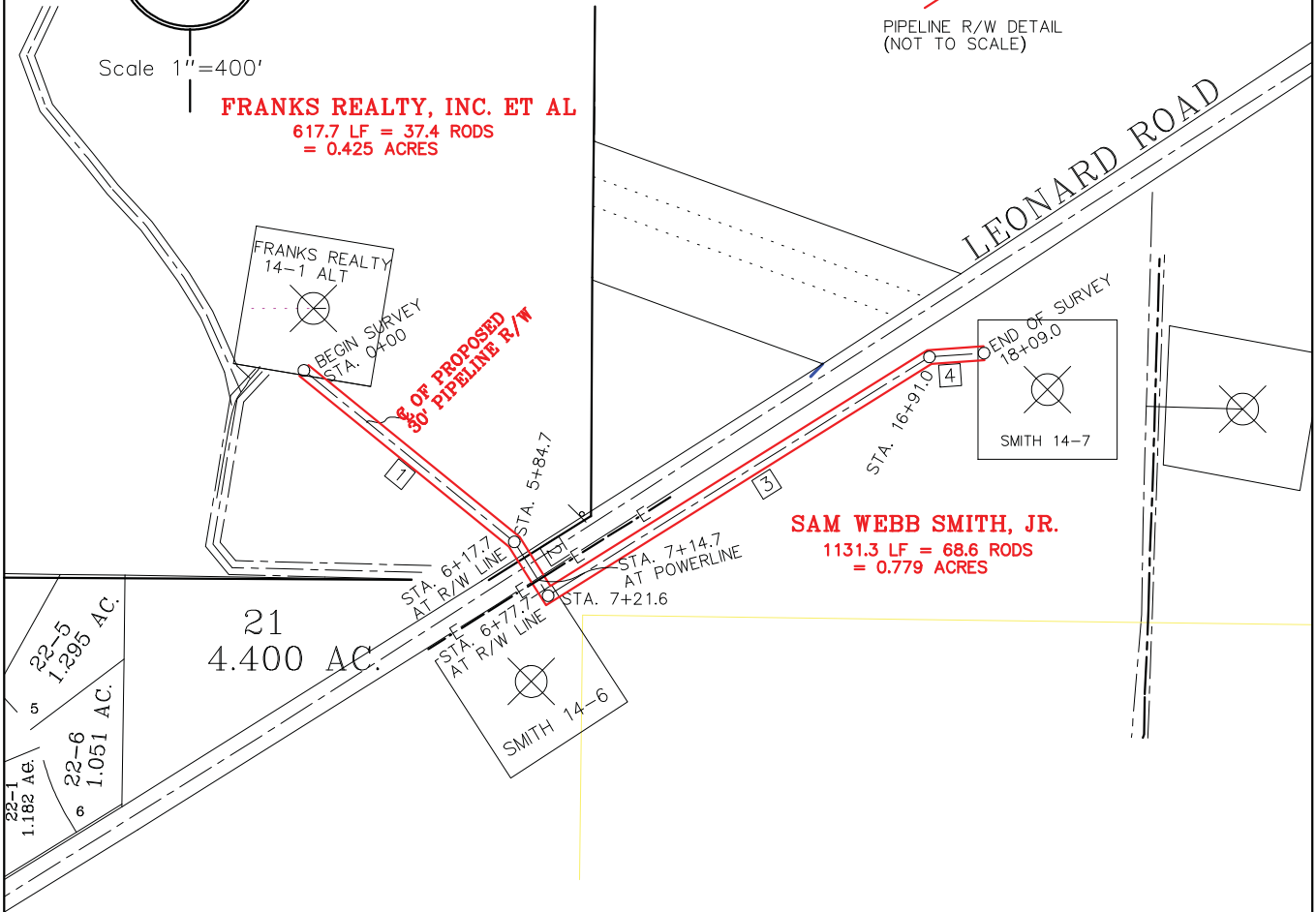
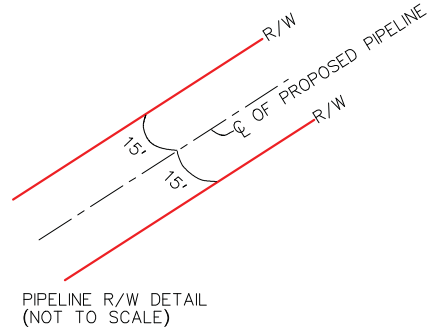


SECTION 14, TOWNSHIP 16 NORTH, RANGE 13 WEST  
OF CADDO PARISH, LOUISIANA



Scale 1"=400'

**FRANKS REALTY, INC. ET AL**  
617.7 LF = 37.4 RODS  
= 0.425 ACRES



**SAM WEBB SMITH, JR.**  
1131.3 LF = 68.6 RODS  
= 0.779 ACRES

COURSE	BEARING	DISTANCE
1	S 50°52' 58" E	584.68'
2	S 32°10' 32" E	136.89'
3	N 57°59' 44" E	969.43'
4	N 86°00' 00" E	118.00'

FORREST N. RABURN, P.L.S. 4416  
THIS PLAT DOES NOT COMPLY WITH LA. MIN. STANDARDS, AND IS NOT FOR A BOUNDARY SURVEY. THE BEARINGS AND DISTANCES SHOWN ARE NOT INTENDED TO BE DEFINITIVE IN ESTABLISHING ACTUAL TITLE BOUNDARIES. NO TITLE RESEARCH OR INVESTIGATION OF RIGHT-OF-WAYS EASEMENTS, OR SERVITUDES, UTILITIES, OR ENVIRONMENTAL MATERS, OR VISIBLE EVIDENCE OF PIPELINES OR RIGHT-OF-WAYS EXCEPT AS SHOWN HEREON.

**SURVEY OF A PROPOSED PIPELINE  
FOR J-W OPERATING CO.  
FROM THE FRANKS REALTY, INC ETAL  
14 NO. 1 ALT SITE SOUTHEAST TO  
SMITH 14 NO. 2 IN SECTION 14, T 16 N,  
R 13 W, CADDO PARISH, LOUISIANA**

Date: 1/21/09

Job Number: 08-259

**RABURN AND ASSOCIATES, LLC. – engineering and surveying**  
3431 PINES ROAD, SHREVEPORT, LA 71119 ~ (318) 636-2537

N/2 OF PROJECTED SECTION 14, T 16 N, R 13 W  
CADDO PARISH, LOUISIANA

FRANKS REALTY, INC. ET AL  
ROAD = 1035 LF = 0.713 ACRES  
WELL SITE = 2.066 ACRES

10 11  
15 14



FRANKS REALTY,  
INC. ETAL 14-2  
ALT

SCALE: 1" = 1000'

PROPOSED 30' ROAD R/W

S 20°13' 52" E 120.52'

S 39°43' 13" E 140.02'

S 43°01' 27" E 107.52'

S 35°05' 14" E 135.58'

S 31°35' 17" E 94.94'

S 24°02' 34" E 128.25'

S 23°47' 34" E 53.43'

STA. 0+00

S 25°27' 11" W 168.18'

S 38°11' 29" E 88.28'

EXISTING PIPELINE

R/W DETAIL

FRANKS REALTY,  
INC. ETAL 14-1  
ALT

EXISTING 30' ROAD R/W

32° 22' 32.24"  
93° 40' 19.75"  
(NAD 83)

SMITH  
14-6

LEONARD RD

DITCH

FORREST N. RABURN, P.L.S. 4416  
THIS PLAT DOES NOT COMPLY WITH LA. MIN.  
STANDARDS, AND IS NOT FOR A BOUNDARY  
SURVEY. THE BEARINGS AND DISTANCES  
SHOWN ARE NOT INTENDED TO BE DEFINITIVE  
IN ESTABLISHING ACTUAL TITLE BOUNDARIES.  
NO TITLE RESEARCH OR INVESTIGATION OF  
RIGHT-OF-WAYS EASEMENTS, OR SERVITUDES,  
UTILITIES, OR ENVIRONMENTAL MATERS, OR  
VISIBLE EVIDENCE OF PIPELINES OR RIGHT-  
OF-WAYS EXCEPT AS SHOWN HEREON.

SURVEY OF A PROPOSED WELL SITE  
FOR J-W OPERATING COMPANY  
ACROSS THE PROPERTY OF  
FRANKS REALTY, INC. ET AL  
IN THE N/2 OF PROJECTED  
SECTION 14, T 16 N, R 13 W  
CADDO PARISH, LOUISIANA

Date: 9/23/08

Job Number: 08-214S

RABURN AND ASSOCIATES - engineering and surveying

3431 PINES ROAD, SHREVEPORT, LA 71119 ~ (318) 636-2537



## **APPENDIX C**

### **ENVIRONMENTAL DATABASE SEARCH**

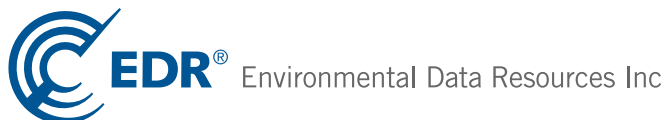
**Leonard Road 417 Acre**

Leonard Road  
Shreveport, LA 71115

Inquiry Number: 4451126.2s

October 28, 2015

**The EDR Radius Map™ Report with GeoCheck®**



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



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*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

LEONARD ROAD  
SHREVEPORT, LA 71115

#### COORDINATES

Latitude (North): 32.3830000 - 32° 22' 58.80"  
Longitude (West): 93.6788000 - 93° 40' 43.68"  
Universal Transverse Mercator: Zone 15  
UTM X (Meters): 436149.7  
UTM Y (Meters): 3582903.2  
Elevation: 154 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5637505 SHREVEPORT EAST, LA  
Version Date: 2012  
  
South Map: 5636247 WALLACE LAKE, LA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20100517  
Source: USDA



MAPPED SITES SUMMARY

Target Property Address:  
LEONARD ROAD  
SHREVEPORT, LA 71115

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	LEONARD RD SPILL	LEONARD RD & HWY 1S	VCP, REM	Higher	1475, 0.279, ESE

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System

### ***Federal CERCLIS NFRAP site List***

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List



## EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

### **Federal ERNS list**

ERNS..... Emergency Response Notification System

### **State- and tribal - equivalent CERCLIS**

SHWS..... Potential and Confirmed Sites List

### **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF..... Landfill List

DEBRIS..... LDEQ Approved Debris Sites

HIST DEBRIS..... LDEQ Approved Debris Sites

### **State and tribal leaking storage tank lists**

LUST..... Leaking Underground Storage Tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

HIST LUST..... Underground Storage Tank Case History Incidents

### **State and tribal registered storage tank lists**

FEMA UST..... Underground Storage Tank Listing

UST..... Louisiana Underground Storage Tank Database

INDIAN UST..... Underground Storage Tanks on Indian Land

### **State and tribal institutional control / engineering control registries**

AUL..... Conveyance Notice Listing

### **State and tribal voluntary cleanup sites**

INDIAN VCP..... Voluntary Cleanup Priority Listing

### **State and tribal Brownfields sites**

BROWNFIELDS..... Brownfields Inventory

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

US BROWNFIELDS..... A Listing of Brownfields Sites

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

SWRCY..... Recycling Directory

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

#### **Local Lists of Hazardous waste / Contaminated Sites**

US HIST CDL..... National Clandestine Laboratory Register

## EXECUTIVE SUMMARY

CDL..... Clandestine Drug Lab  
DEL SHWS..... Deleted Potential & Confirmed Sites  
US CDL..... Clandestine Drug Labs

### **Local Land Records**

LIENS..... Environmental Liens  
LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Emergency Response Section Incidents  
SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
FINDS..... Facility Index System/Facility Registry System  
AIRS..... Air Permit List  
ASBESTOS..... Asbestos Projects List  
COAL ASH..... Coal Ash Disposal Sites  
DRYCLEANERS..... Drycleaner Facility Listing  
Financial Assurance..... Financial Assurance Information  
NPDES..... LPDES Permits Database



# EXECUTIVE SUMMARY

UIC..... Underground Injection Wells Listing

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

EDR MGP..... EDR Proprietary Manufactured Gas Plants  
EDR US Hist Auto Stat..... EDR Exclusive Historic Gas Stations  
EDR US Hist Cleaners..... EDR Exclusive Historic Dry Cleaners

## EDR RECOVERED GOVERNMENT ARCHIVES

### ***Exclusive Recovered Govt. Archives***

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List  
RGA LF..... Recovered Government Archive Solid Waste Facilities List  
RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

## SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## STANDARD ENVIRONMENTAL RECORDS

### ***State and tribal voluntary cleanup sites***

VCP: Sites that have entered Department of Environmental Quality's Voluntary Remediation Program

A review of the VCP list, as provided by EDR, and dated 07/20/2015 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>LEONARD RD SPILL</i></b> Status: Denied DEQ AI #: 142411 Date Closed: 02/01/2012	<b><i>LEONARD RD &amp; HWY 1S</i></b>	<b><i>ESE 1/4 - 1/2 (0.279 mi.)</i></b>	<b><i>1</i></b>	<b><i>8</i></b>

# EXECUTIVE SUMMARY

## ADDITIONAL ENVIRONMENTAL RECORDS

### ***Other Ascertainable Records***

REM: Facilities or sites come to the Underground Storage Tank and Remediation Division either through self notification or referral. These sites are designated for remediation via the following regulatory paths: Solid Waste (SW), Hazardous Waste (Haz Waste), Groundwater (Grwater), Inactive & Abandoned Sites (Confirmed or Potential), or Underground Storage Tanks (UST).

A review of the REM list, as provided by EDR, and dated 07/20/2015 has revealed that there is 1 REM site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>LEONARD RD SPILL</b> AI Num: 142411	<b>LEONARD RD &amp; HWY 1S</b>	<b>ESE 1/4 - 1/2 (0.279 mi.)</b>	<b>1</b>	<b>8</b>

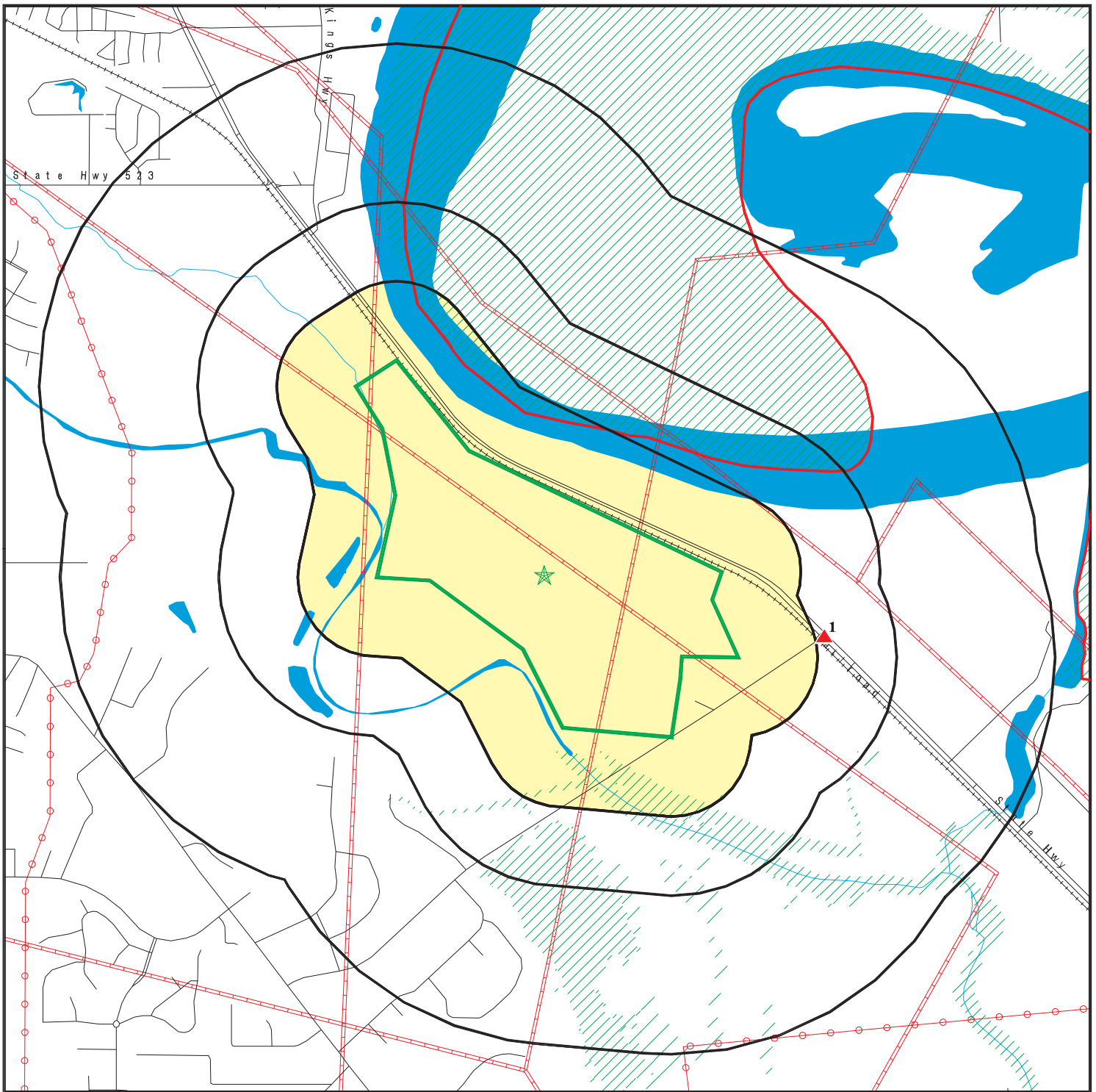














## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

<u>Site Name</u>	<u>Database(s)</u>
TERRA RENEWAL SERVICES INC	SWF/LF

# OVERVIEW MAP - 4451126.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  County Boundary
-  Power transmission lines
-  Pipelines
-  100-year flood zone
-  500-year flood zone

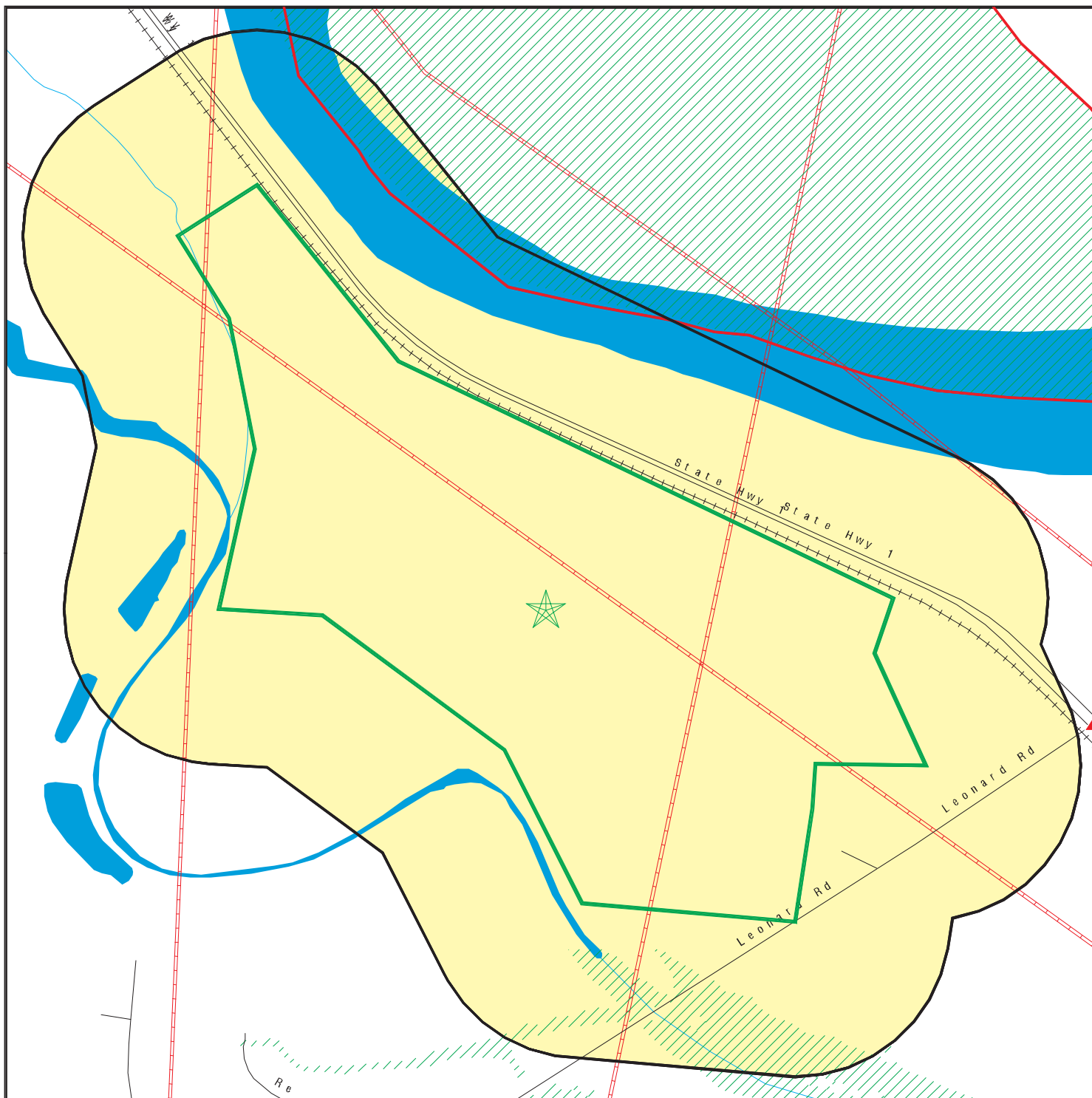









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.






SITE NAME: Leonard Road 417 Acre  
 ADDRESS: Leonard Road  
 Shreveport LA 71115  
 LAT/LONG: 32.383 / 93.6788

CLIENT: C-K Associates, Inc.  
 CONTACT: Andrew Hooker  
 INQUIRY #: 4451126.2s  
 DATE: October 28, 2015 3:48 pm

# DETAIL MAP - 4451126.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  County Boundary
-  Pipelines
-  100-year flood zone
-  500-year flood zone



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Leonard Road 417 Acre  
 ADDRESS: Leonard Road  
 Shreveport LA 71115  
 LAT/LONG: 32.383 / 93.6788

CLIENT: C-K Associates, Inc.  
 CONTACT: Andrew Hooker  
 INQUIRY #: 4451126.2s  
 DATE: October 28, 2015 3:50 pm



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site List</i></b>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
DEBRIS	0.500		0	0	0	NR	NR	0
HIST DEBRIS	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HIST LUST	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
AUL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
REM	0.500		0	0	1	NR	NR	1
UIC	TP		NR	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0



## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	0	0	2	0	0	2

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**1**  
**ESE**  
**1/4-1/2**  
**0.279 mi.**  
**1475 ft.**

**LEONARD RD SPILL**  
**LEONARD RD & HWY 1S**  
**SHREVEPORT, LA**

**VCP S112658528**  
**REM N/A**

**Relative:**  
**Higher**

VCP:

**Actual:**  
**160 ft.**

DEQ AI #:	142411
Date Closed:	02/01/2012
Site Also Known As:	Leonard Road Spill
Facility Parish:	Caddo
Acres:	8
Applicant name:	Arkla Disposal Service
DEQ Contact:	Paula Sen
Date of Application:	08/04/2006
Remedial Investigator/Action Phase:	Remedial Investigator
Status:	Denied
Unrestricted Use:	Not reported
Investigation Approval Date:	12/08/2010
Use Restrictions/Institutional Controls A:	Not reported
Use Restrictions/Institutional Controls B:	Not reported
Use Restrictions/Institutional Controls C:	Not reported
Use Restrictions/Institutional Controls D:	Not reported
Use Restrictions/Institutional Controls E:	Not reported
Use Restrictions/Institutional Controls F:	Not reported
Use Restrictions/Institutional Controls G:	Not reported
Use Restrictions/Institutional Controls H:	Not reported
Use Restrictions/Institutional Controls I:	Not reported
Latitude:	32 22" 49'
Longitude:	93 40" 11'

REM:

AI Num:	142411
Evaluated And Closed:	Not reported
Program:	VRP
EAC Type:	Not reported
Comments:	Not reported

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SHREVEPORT	S106508711	TERRA RENEWAL SERVICES INC	HWY 1 17 MI SE OF	71115	SWF/LF



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/26/2015	Source: EPA
Date Data Arrived at EDR: 04/08/2015	Telephone: N/A
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 75	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/08/2015	Telephone: 703-603-8704
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 07/10/2015
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Varies

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site List***

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 05/29/2015
Number of Days to Update: 94	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/09/2015  
Date Data Arrived at EDR: 06/26/2015  
Date Made Active in Reports: 09/16/2015  
Number of Days to Update: 82

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 06/26/2015  
Next Scheduled EDR Contact: 10/12/2015  
Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

### **RCRA-TSDF: RCRA - Treatment, Storage and Disposal**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/09/2015  
Date Data Arrived at EDR: 06/26/2015  
Date Made Active in Reports: 09/16/2015  
Number of Days to Update: 82

Source: Environmental Protection Agency  
Telephone: 214-665-6444  
Last EDR Contact: 06/26/2015  
Next Scheduled EDR Contact: 10/12/2015  
Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

### **RCRA-LQG: RCRA - Large Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/09/2015  
Date Data Arrived at EDR: 06/26/2015  
Date Made Active in Reports: 09/16/2015  
Number of Days to Update: 82

Source: Environmental Protection Agency  
Telephone: 214-665-6444  
Last EDR Contact: 06/26/2015  
Next Scheduled EDR Contact: 10/12/2015  
Data Release Frequency: Quarterly

### **RCRA-SQG: RCRA - Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/09/2015  
Date Data Arrived at EDR: 06/26/2015  
Date Made Active in Reports: 09/16/2015  
Number of Days to Update: 82

Source: Environmental Protection Agency  
Telephone: 214-665-6444  
Last EDR Contact: 06/26/2015  
Next Scheduled EDR Contact: 10/12/2015  
Data Release Frequency: Quarterly

### **RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators**

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/09/2015  
Date Data Arrived at EDR: 06/26/2015  
Date Made Active in Reports: 09/16/2015  
Number of Days to Update: 82

Source: Environmental Protection Agency  
Telephone: 214-665-6444  
Last EDR Contact: 06/26/2015  
Next Scheduled EDR Contact: 10/12/2015  
Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 08/12/2015
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/30/2015
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 06/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2015	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 08/31/2015
Number of Days to Update: 68	Next Scheduled EDR Contact: 12/14/2015
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 06/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2015	Telephone: 703-603-0695
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 08/31/2015
Number of Days to Update: 68	Next Scheduled EDR Contact: 12/14/2015
	Data Release Frequency: Varies

## ***Federal ERNS list***

### ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/22/2015	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 06/26/2015	Telephone: 202-267-2180
Date Made Active in Reports: 09/16/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Annually

## ***State- and tribal - equivalent CERCLIS***

### SHWS: Potential and Confirmed Sites List

Confirmed status denotes that assessments have been performed and a determination made that (1) hazardous waste(s) or substance(s) are present at the site and (2) these sites are under the jurisdiction of the LDEQ/RSD. Potential status is an indicator that sites are either waiting to be assessed or the assessment is in progress.

Date of Government Version: 07/20/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/22/2015	Telephone: 225-219-3181
Date Made Active in Reports: 08/10/2015	Last EDR Contact: 07/17/2015
Number of Days to Update: 19	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Quarterly

## ***State and tribal landfill and/or solid waste disposal site lists***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SWF/LF: Landfill List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/11/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/14/2015	Telephone: 225-219-3181
Date Made Active in Reports: 10/19/2015	Last EDR Contact: 09/10/2015
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/28/2015
	Data Release Frequency: Annually

## DEBRIS: LDEQ Approved Debris Sites

A listing of LDEQ Approved Debris Sites where hurricane debris is dumped.

Date of Government Version: 08/15/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/01/2015	Telephone: 225-219-3953
Date Made Active in Reports: 10/19/2015	Last EDR Contact: 09/01/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/14/2015
	Data Release Frequency: Varies

## HIST DEBRIS: LDEQ Approved Debris Sites

A listing of LDEQ Approved Debris Sites where hurricane debris is dumped.

Date of Government Version: 02/07/2007	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/14/2008	Telephone: 225-219-3070
Date Made Active in Reports: 11/21/2008	Last EDR Contact: 03/23/2009
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: No Update Planned

## **State and tribal leaking storage tank lists**

### LUST: Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/20/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/22/2015	Telephone: 225-219-3181
Date Made Active in Reports: 08/10/2015	Last EDR Contact: 07/17/2015
Number of Days to Update: 19	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Varies

### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/30/2015	Source: EPA Region 8
Date Data Arrived at EDR: 05/05/2015	Telephone: 303-312-6271
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/30/2015	Source: EPA Region 7
Date Data Arrived at EDR: 04/28/2015	Telephone: 913-551-7003
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2015	Source: EPA Region 4
Date Data Arrived at EDR: 08/07/2015	Telephone: 404-562-8677
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 67	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Semi-Annually

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 07/28/2015	Source: EPA, Region 5
Date Data Arrived at EDR: 08/07/2015	Telephone: 312-886-7439
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 67	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/08/2015	Telephone: 415-972-3372
Date Made Active in Reports: 02/09/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 07/21/2015	Source: EPA Region 10
Date Data Arrived at EDR: 07/29/2015	Telephone: 206-553-2857
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 76	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/13/2015	Source: EPA Region 6
Date Data Arrived at EDR: 08/03/2015	Telephone: 214-665-6597
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/03/2015	Source: EPA Region 1
Date Data Arrived at EDR: 04/30/2015	Telephone: 617-918-1313
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 53	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

HIST LUST: Underground Storage Tank Case History Incidents

This listing includes detailed information for Leaking Underground Storage Tanks reported through November 1999. It is no longer updated. Current LUST incidents, without detail, can be found in the Leaking Underground Storage Tank Database

Date of Government Version: 11/01/1999	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/16/2000	Telephone: N/A
Date Made Active in Reports: 05/01/2000	Last EDR Contact: 12/04/2001
Number of Days to Update: 75	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***State and tribal registered storage tank lists***

### **FEMA UST: Underground Storage Tank Listing**

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/10/2015
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Varies

### **UST: Louisiana Underground Storage Tank Database**

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/20/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/22/2015	Telephone: 225-219-3181
Date Made Active in Reports: 08/10/2015	Last EDR Contact: 07/17/2015
Number of Days to Update: 19	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Quarterly

### **INDIAN UST R10: Underground Storage Tanks on Indian Land**

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 07/21/2015	Source: EPA Region 10
Date Data Arrived at EDR: 07/29/2015	Telephone: 206-553-2857
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 76	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

### **INDIAN UST R6: Underground Storage Tanks on Indian Land**

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/13/2015	Source: EPA Region 6
Date Data Arrived at EDR: 08/03/2015	Telephone: 214-665-7591
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Semi-Annually

### **INDIAN UST R9: Underground Storage Tanks on Indian Land**

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014	Source: EPA Region 9
Date Data Arrived at EDR: 02/13/2015	Telephone: 415-972-3368
Date Made Active in Reports: 03/13/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

### **INDIAN UST R1: Underground Storage Tanks on Indian Land**

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/03/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 04/30/2015	Telephone: 617-918-1313
Date Made Active in Reports: 06/22/2015	Last EDR Contact: 07/31/2015
Number of Days to Update: 53	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/28/2015	Source: EPA Region 8
Date Data Arrived at EDR: 08/14/2015	Telephone: 303-312-6137
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 60	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Quarterly

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 07/30/2015	Source: EPA Region 4
Date Data Arrived at EDR: 08/07/2015	Telephone: 404-562-9424
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 67	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Semi-Annually

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/28/2015	Source: EPA Region 5
Date Data Arrived at EDR: 08/07/2015	Telephone: 312-886-6136
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 07/22/2015
Number of Days to Update: 67	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

## ***State and tribal institutional control / engineering control registries***

### AUL: Listing of Institutional and/or Engineering Controls

A notice of contamination (nature and levels of contaminants) and restriction of property to non-residential use are placed in the conveyance records for the property.

Date of Government Version: 10/18/2010	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/04/2010	Telephone: 225-219-3168
Date Made Active in Reports: 11/12/2010	Last EDR Contact: 07/09/2015
Number of Days to Update: 8	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Quarterly

## ***State and tribal voluntary cleanup sites***

### VCP: Voluntary Remediation Program Sites

Sites that have entered the Department of Environmental Quality's Voluntary Remediation Program

Date of Government Version: 07/20/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/22/2015	Telephone: 225-219-3181
Date Made Active in Reports: 08/10/2015	Last EDR Contact: 07/17/2015
Number of Days to Update: 19	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014	Source: EPA, Region 1
Date Data Arrived at EDR: 10/01/2014	Telephone: 617-918-1102
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 06/26/2015
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Varies

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

### ***State and tribal Brownfields sites***

#### BROWNFIELDS: Brownfields Inventory

Brownfields are abandoned, idled, or underused industrial or commercial real property, the expansion, redevelopment or reuse of which may be complicated by the presence of or potential presence of a hazardous substance, pollutant, or contaminant.

Date of Government Version: 07/20/2015	Source: New Orleans Office of Environmental Affairs
Date Data Arrived at EDR: 07/22/2015	Telephone: 504-658-4070
Date Made Active in Reports: 08/10/2015	Last EDR Contact: 04/15/2015
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/03/2015
	Data Release Frequency: Quarterly

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Brownfield lists***

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/22/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/24/2015	Telephone: 202-566-2777
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 06/24/2015
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/05/2015
	Data Release Frequency: Semi-Annually

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

#### SWRCY: Recycling Directory

A listing of recycling facilities.

Date of Government Version: 09/14/2010	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/21/2010	Telephone: 225-219-3181
Date Made Active in Reports: 10/12/2010	Last EDR Contact: 06/11/2015
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/28/2015
	Data Release Frequency: Semi-Annually



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 05/01/2015  
Next Scheduled EDR Contact: 08/17/2015  
Data Release Frequency: Varies

## ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/22/2015  
Next Scheduled EDR Contact: 11/09/2015  
Data Release Frequency: No Update Planned

## **Local Lists of Hazardous waste / Contaminated Sites**

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/01/2015  
Date Data Arrived at EDR: 06/02/2015  
Date Made Active in Reports: 09/16/2015  
Number of Days to Update: 106

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/31/2015  
Next Scheduled EDR Contact: 12/14/2015  
Data Release Frequency: No Update Planned

### CDL: Clandestine Drug Lab

A list of residential real properties that have been reported as potentially contaminated.

Date of Government Version: 05/13/2015  
Date Data Arrived at EDR: 09/01/2015  
Date Made Active in Reports: 10/15/2015  
Number of Days to Update: 44

Source: Department of Environmental Quality  
Telephone: 225-219-5337  
Last EDR Contact: 09/01/2015  
Next Scheduled EDR Contact: 12/14/2015  
Data Release Frequency: Semi-Annually

### DEL SHWS: Deleted Potential & Confirmed Sites

A listing of sites removed from the Potential and Confirmed Listing.

Date of Government Version: 07/20/2015  
Date Data Arrived at EDR: 07/22/2015  
Date Made Active in Reports: 08/10/2015  
Number of Days to Update: 19

Source: Department of Environmental Quality  
Telephone: 225-219-3168  
Last EDR Contact: 07/17/2015  
Next Scheduled EDR Contact: 11/02/2015  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/15/2015	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/02/2015	Telephone: 202-307-1000
Date Made Active in Reports: 09/16/2015	Last EDR Contact: 08/31/2015
Number of Days to Update: 106	Next Scheduled EDR Contact: 12/14/2015
	Data Release Frequency: Quarterly

## Local Land Records

### LIENS: Environmental Liens

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC ? 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition.

Date of Government Version: 07/24/2013	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/23/2013	Telephone: N/A
Date Made Active in Reports: 12/12/2013	Last EDR Contact: 07/17/2015
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 07/22/2015
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

## Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2015	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 06/26/2015	Telephone: 202-366-4555
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 68	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Annually

### SPILLS: Emergency Response Section Incidents

Spills and/or releases, to land, reported to the Emergency Response Section.

Date of Government Version: 08/17/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/17/2015	Telephone: 225-219-3620
Date Made Active in Reports: 10/19/2015	Last EDR Contact: 08/12/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 11/30/2015
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/30/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/07/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 63	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/26/2015	Telephone: 214-665-6444
Date Made Active in Reports: 09/16/2015	Last EDR Contact: 06/26/2015
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Varies

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 09/11/2015
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/21/2015
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/14/2015
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/14/2015
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2011  
Date Data Arrived at EDR: 03/09/2011  
Date Made Active in Reports: 05/02/2011  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 05/21/2015  
Next Scheduled EDR Contact: 08/31/2015  
Data Release Frequency: Varies

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/01/2015  
Date Data Arrived at EDR: 06/02/2015  
Date Made Active in Reports: 09/16/2015  
Number of Days to Update: 106

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 08/12/2015  
Next Scheduled EDR Contact: 11/30/2015  
Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 08/04/2015  
Next Scheduled EDR Contact: 11/23/2015  
Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013  
Date Data Arrived at EDR: 03/03/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 05/14/2015  
Next Scheduled EDR Contact: 08/24/2015  
Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012  
Date Data Arrived at EDR: 01/15/2015  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 14

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 06/25/2015  
Next Scheduled EDR Contact: 10/05/2015  
Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 02/12/2015  
Date Made Active in Reports: 06/02/2015  
Number of Days to Update: 110

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 01/29/2015  
Next Scheduled EDR Contact: 06/08/2015  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 07/22/2015  
Next Scheduled EDR Contact: 11/09/2015  
Data Release Frequency: Annually

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013  
Date Data Arrived at EDR: 12/12/2013  
Date Made Active in Reports: 02/24/2014  
Number of Days to Update: 74

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 06/12/2015  
Next Scheduled EDR Contact: 09/21/2015  
Data Release Frequency: Annually

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2015  
Date Data Arrived at EDR: 02/13/2015  
Date Made Active in Reports: 03/25/2015  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 07/22/2015  
Next Scheduled EDR Contact: 11/09/2015  
Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 05/14/2015
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/24/2015
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014	Source: EPA
Date Data Arrived at EDR: 10/15/2014	Telephone: 202-566-0500
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 07/17/2015
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/06/2015	Telephone: 202-564-5088
Date Made Active in Reports: 03/09/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Quarterly

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/20/2015
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/20/2015
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/07/2015
	Data Release Frequency: Quarterly

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/26/2015	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/10/2015	Telephone: 301-415-7169
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 09/03/2015
Number of Days to Update: 95	Next Scheduled EDR Contact: 12/21/2015
	Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 07/13/2015
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/12/2015
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/31/2015
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/07/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/09/2015	Telephone: 202-343-9775
Date Made Active in Reports: 09/16/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/19/2015
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012  
Date Data Arrived at EDR: 08/07/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 08/04/2015  
Next Scheduled EDR Contact: 11/16/2015  
Data Release Frequency: Varies

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 04/17/2015  
Date Made Active in Reports: 06/02/2015  
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 06/22/2015  
Next Scheduled EDR Contact: 10/12/2015  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 02/24/2015  
Date Made Active in Reports: 09/30/2015  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 08/28/2015  
Next Scheduled EDR Contact: 12/07/2015  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 34

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 07/14/2015  
Next Scheduled EDR Contact: 10/28/2015  
Data Release Frequency: Semi-Annually

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010  
Date Data Arrived at EDR: 10/07/2011  
Date Made Active in Reports: 03/01/2012  
Number of Days to Update: 146

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 05/26/2015  
Next Scheduled EDR Contact: 09/07/2015  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/25/2014  
Date Data Arrived at EDR: 11/26/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 64

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 07/07/2015  
Next Scheduled EDR Contact: 10/19/2015  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 07/22/2015  
Date Data Arrived at EDR: 07/24/2015  
Date Made Active in Reports: 09/02/2015  
Number of Days to Update: 40

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 06/22/2015  
Next Scheduled EDR Contact: 10/05/2015  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 07/22/2015  
Date Data Arrived at EDR: 07/24/2015  
Date Made Active in Reports: 09/02/2015  
Number of Days to Update: 40

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 06/22/2015  
Next Scheduled EDR Contact: 10/22/2015  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/14/2015  
Date Data Arrived at EDR: 06/03/2015  
Date Made Active in Reports: 09/02/2015  
Number of Days to Update: 91

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 09/01/2015  
Next Scheduled EDR Contact: 12/14/2015  
Data Release Frequency: Semi-Annually

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 06/05/2015  
Next Scheduled EDR Contact: 09/14/2015  
Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 06/05/2015
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/14/2015
	Data Release Frequency: Varies

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2015	Source: EPA
Date Data Arrived at EDR: 02/27/2015	Telephone: (214) 665-2200
Date Made Active in Reports: 03/25/2015	Last EDR Contact: 06/10/2015
Number of Days to Update: 26	Next Scheduled EDR Contact: 09/21/2015
	Data Release Frequency: Quarterly

## AIRS: Air Permit List

A listing of facilities with air permits issued by the Air Permits Division

Date of Government Version: 08/24/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/17/2015	Telephone: 225-219-3417
Date Made Active in Reports: 10/19/2015	Last EDR Contact: 08/24/2015
Number of Days to Update: 32	Next Scheduled EDR Contact: 12/07/2015
	Data Release Frequency: Varies

## ASBESTOS: Asbestos Projects List

Asbestos demolition and renovation notification projects locations in the state.

Date of Government Version: 12/31/2014	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/20/2015	Telephone: 225-219-3181
Date Made Active in Reports: 02/20/2015	Last EDR Contact: 07/17/2015
Number of Days to Update: 31	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Annually

## COAL ASH: Coal Ash Disposal Sites

A listing of coal ash impoundments.

Date of Government Version: 07/13/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/04/2015	Telephone: 225-219-3168
Date Made Active in Reports: 08/24/2015	Last EDR Contact: 07/09/2015
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/28/2015
	Data Release Frequency: Varies

## DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facilities.

Date of Government Version: 07/13/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/22/2015	Telephone: 225-219-3168
Date Made Active in Reports: 08/18/2015	Last EDR Contact: 07/17/2015
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Financial Assurance 1: Financial Assurance Information

Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 08/06/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/18/2015	Telephone: 225-219-3168
Date Made Active in Reports: 08/24/2015	Last EDR Contact: 07/27/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

## Financial Assurance 2: Financial Assurance Information Listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 08/06/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/18/2015	Telephone: 225-219-3168
Date Made Active in Reports: 08/24/2015	Last EDR Contact: 07/27/2015
Number of Days to Update: 6	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

## NPDES: LPDES Permits Database

A listing of sites with a Louisiana Pollutant Discharge Elimination System (LPDES) program issued permit.

Date of Government Version: 07/27/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/27/2015	Telephone: 225-219-3181
Date Made Active in Reports: 09/02/2015	Last EDR Contact: 07/27/2015
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/09/2015
	Data Release Frequency: Varies

## REM: Division of Remediation Services Database

Facilities or sites come to the Underground Storage Tank and Remediation Division either through self notification or referral. These sites are designated for remediation via the following regulatory paths: Solid Waste (SW), Hazardous Waste (Haz Waste), Groundwater (Grwater), Inactive & Abandoned Sites (Confirmed or Potential), or Underground Storage Tanks (UST).

Date of Government Version: 07/20/2015	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/22/2015	Telephone: 225-219-3168
Date Made Active in Reports: 08/10/2015	Last EDR Contact: 07/17/2015
Number of Days to Update: 19	Next Scheduled EDR Contact: 11/02/2015
	Data Release Frequency: Quarterly

## UIC: Underground Injection Wells Listing

A listing of underground injection well locations.

Date of Government Version: 07/23/2015	Source: Department of fNatural Resources
Date Data Arrived at EDR: 07/24/2015	Telephone: 225-342-5515
Date Made Active in Reports: 08/10/2015	Last EDR Contact: 07/21/2015
Number of Days to Update: 17	Next Scheduled EDR Contact: 10/12/2015
	Data Release Frequency: Varies

## **EDR HIGH RISK HISTORICAL RECORDS**

### ***EDR Exclusive Records***

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Louisiana.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/03/2014  
Number of Days to Update: 186

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Louisiana.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/15/2014  
Number of Days to Update: 198

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Louisiana.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/03/2014  
Number of Days to Update: 186

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

## CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013  
Date Data Arrived at EDR: 08/19/2013  
Date Made Active in Reports: 10/03/2013  
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 05/18/2015  
Next Scheduled EDR Contact: 08/31/2015  
Data Release Frequency: No Update Planned

## NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2015  
Date Data Arrived at EDR: 08/06/2015  
Date Made Active in Reports: 08/24/2015  
Number of Days to Update: 18

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 08/06/2015  
Next Scheduled EDR Contact: 11/16/2015  
Data Release Frequency: Annually

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/24/2015  
Date Made Active in Reports: 08/18/2015  
Number of Days to Update: 25

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 07/20/2015  
Next Scheduled EDR Contact: 11/02/2015  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 03/19/2015  
Date Made Active in Reports: 04/07/2015  
Number of Days to Update: 19

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/11/2015  
Next Scheduled EDR Contact: 09/28/2015  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Oil/Gas Pipelines

Source: PennWell Corporation

Telephone: 281-546-1505

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: 800-823-6277

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

LEONARD ROAD 417 ACRE  
LEONARD ROAD  
SHREVEPORT, LA 71115

### TARGET PROPERTY COORDINATES

Latitude (North):	32.383 - 32° 22' 58.80"
Longitude (West):	93.6788 - 93° 40' 43.68"
Universal Transverse Mercator:	Zone 15
UTM X (Meters):	436149.7
UTM Y (Meters):	3582903.2
Elevation:	154 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	5637505 SHREVEPORT EAST, LA
Version Date:	2012
South Map:	5636247 WALLACE LAKE, LA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

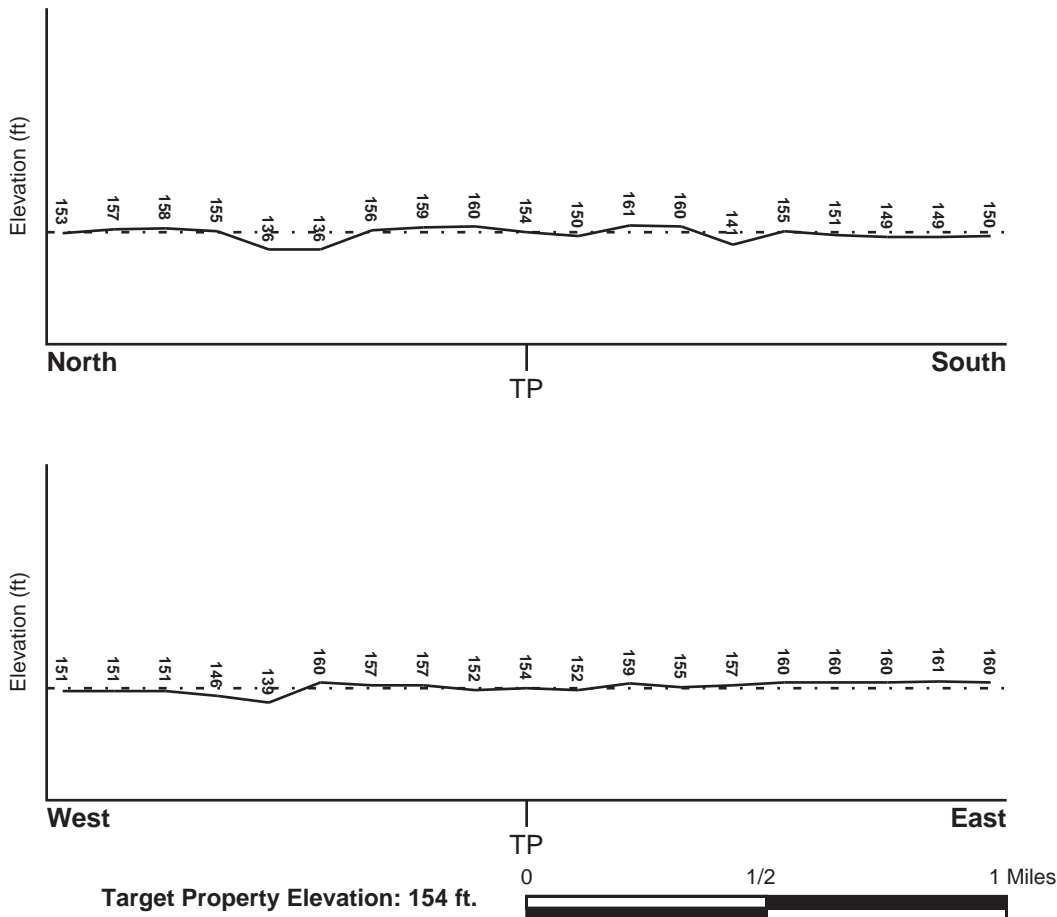
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

Target Property County  
CADD0, LA

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: 22017C - FEMA DFIRM Flood data  
22015C - FEMA DFIRM Flood data

## **NATIONAL WETLAND INVENTORY**

NWI Quad at Target Property  
NOT AVAILABLE

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### ***Site-Specific Hydrogeological Data\*:***

Search Radius: 1.25 miles  
Status: Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

## GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Quaternary  
Series: Holocene  
Code: Qh (decoded above as Era, System & Series)

### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: MORELAND

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 7.80 Min: 6.10
2	12 inches	50 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 8.40 Min: 6.60
3	50 inches	64 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.00	Max: 8.40 Min: 6.60

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam  
silty clay loam

Surficial Soil Types: silt loam  
silty clay loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: silt loam  
stratified  
very fine sandy loam

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A6	USGS40000412775	1/2 - 1 Mile WSW
C20	USGS40000412751	1/2 - 1 Mile ESE
C21	USGS40000412750	1/2 - 1 Mile ESE
K45	USGS40000412682	1/2 - 1 Mile South

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## **STATE DATABASE WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	LATD40000020633	1/4 - 1/2 Mile East
2	LATD40000102284	1/4 - 1/2 Mile ENE
3	LATD40000103643	1/4 - 1/2 Mile West
4	LATD40000149919	1/4 - 1/2 Mile SE
A5	LATD40000126990	1/2 - 1 Mile WSW
7	LATD40000196562	1/2 - 1 Mile SE
B8	LATD40000150326	1/2 - 1 Mile East
C9	LATD40000120618	1/2 - 1 Mile ESE
C10	LATD40000020513	1/2 - 1 Mile ESE
D11	LATD40000150929	1/2 - 1 Mile ESE
B12	LATD40000096256	1/2 - 1 Mile East
13	LATD40000134020	1/2 - 1 Mile SSE
14	LATD40000019848	1/2 - 1 Mile SE
D15	LATD40000019602	1/2 - 1 Mile ESE
E16	LATD40000020511	1/2 - 1 Mile East
E17	LATD40000019603	1/2 - 1 Mile East
18	LATD40000167068	1/2 - 1 Mile South
19	LATD40000095928	1/2 - 1 Mile SSE
F22	LATD40000019040	1/2 - 1 Mile ESE
F23	LATD40000145518	1/2 - 1 Mile ESE
G24	LATD40000127198	1/2 - 1 Mile East
E25	LATD40000145333	1/2 - 1 Mile East



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
H26	LATD40000125083	1/2 - 1 Mile ESE
27	LATD40000020300	1/2 - 1 Mile SE
F28	LATD40000019849	1/2 - 1 Mile ESE
H29	LATD40000019601	1/2 - 1 Mile ESE
G30	LATD40000020512	1/2 - 1 Mile East
F31	LATD40000127393	1/2 - 1 Mile ESE
H32	LATD40000020630	1/2 - 1 Mile ESE
33	LATD40000020237	1/2 - 1 Mile South
34	LATD40000020023	1/2 - 1 Mile SW
35	LATD40000177700	1/2 - 1 Mile ESE
36	LATD40000150126	1/2 - 1 Mile SSE
I37	LATD40000017207	1/2 - 1 Mile SW
38	LATD40000020441	1/2 - 1 Mile ESE
I39	LATD40000016512	1/2 - 1 Mile SW
I40	LATD40000017616	1/2 - 1 Mile SW
J41	LATD40000150530	1/2 - 1 Mile SSW
42	LATD40000016920	1/2 - 1 Mile WSW
J43	LATD40000188970	1/2 - 1 Mile SSW
K44	LATD40000145268	1/2 - 1 Mile South
46	LATD40000016659	1/2 - 1 Mile WSW
L47	LATD40000017872	1/2 - 1 Mile SSW
K48	LATD40000017739	1/2 - 1 Mile South
K49	LATD40000191676	1/2 - 1 Mile South
50	LATD40000124689	1/2 - 1 Mile NW
M51	LATD40000018312	1/2 - 1 Mile SW
52	LATD40000183123	1/2 - 1 Mile ESE
M53	LATD40000018649	1/2 - 1 Mile SW
54	LATD40000178207	1/2 - 1 Mile SE
N55	LATD40000186624	1/2 - 1 Mile SSW
56	LATD40000195489	1/2 - 1 Mile SSE
L57	LATD40000016848	1/2 - 1 Mile SSW
L58	LATD40000143671	1/2 - 1 Mile SSW
N59	LATD40000016424	1/2 - 1 Mile SSW
N60	LATD40000127586	1/2 - 1 Mile SSW
M61	LATD40000094827	1/2 - 1 Mile SW
62	LATD40000190427	1/2 - 1 Mile SSW
N63	LATD40000145485	1/2 - 1 Mile SSW
N64	LATD40000118722	1/2 - 1 Mile SSW

### OTHER STATE DATABASE INFORMATION

### STATE OIL/GAS WELL INFORMATION

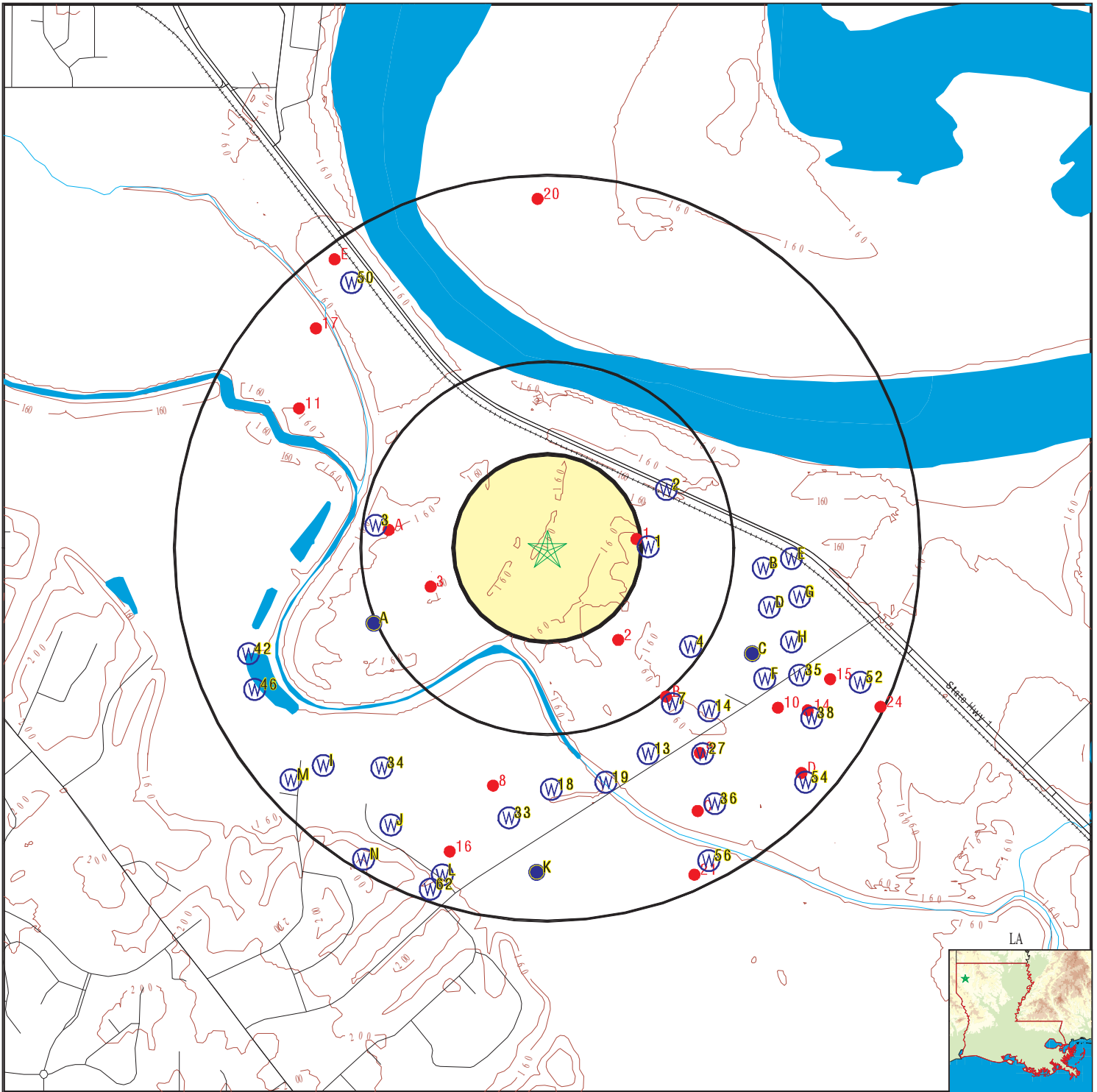
MAP ID	WELL ID	LOCATION FROM TP
1	LAOG90000244298	1/8 - 1/4 Mile East
2	LAOG90000238860	1/4 - 1/2 Mile SE
3	LAOG90000140149	1/4 - 1/2 Mile WSW
A4	LAOG90000252703	1/4 - 1/2 Mile West
A5	LAOG90000251276	1/4 - 1/2 Mile West
B6	LAOG90000236940	1/2 - 1 Mile SE
B7	LAOG90000235821	1/2 - 1 Mile SE
8	LAOG90000239095	1/2 - 1 Mile SSW
9	LAOG90000231287	1/2 - 1 Mile SE

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
10	LAOG90000237563	1/2 - 1 Mile SE
11	LAOG90000210488	1/2 - 1 Mile WNW
C12	LAOG90000232110	1/2 - 1 Mile SSE
C13	LAOG90000121057	1/2 - 1 Mile SSE
14	LAOG90000235411	1/2 - 1 Mile ESE
15	LAOG90000231245	1/2 - 1 Mile ESE
16	LAOG90000236536	1/2 - 1 Mile SSW
17	LAOG90000143907	1/2 - 1 Mile NW
D18	LAOG90000181327	1/2 - 1 Mile SE
D19	LAOG90000224909	1/2 - 1 Mile SE
20	LAOG90000261341	1/2 - 1 Mile North
21	LAOG90000229393	1/2 - 1 Mile SSE
E22	LAOG90000147149	1/2 - 1 Mile NW
E23	LAOG90000143908	1/2 - 1 Mile NW
24	LAOG90000164733	1/2 - 1 Mile ESE

# PHYSICAL SETTING SOURCE MAP - 4451126.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Leonard Road 417 Acre  
 ADDRESS: Leonard Road  
 Shreveport LA 71115  
 LAT/LONG: 32.383 / 93.6788

CLIENT: C-K Associates, Inc.  
 CONTACT: Andrew Hooker  
 INQUIRY #: 4451126.2s  
 DATE: October 28, 2015 3:50 pm



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**  
**East**  
**1/4 - 1/2 Mile**  
**Higher**

**LA WELLS      LATD40000020633**

Water wel1:	394626	State code:	22
Water wel2:	017-11659Z	Local well:	11659Z
Parish num:	017	Latitude:	322259
Identifica:	322259093402701	Sequence n:	01
Longitude:	934027	Well depth:	90
Owners nam:	CHESAPEAKE	Well subus:	Not Reported
Well use:	S	Geologic u:	00000000
Date compl:	08/09	Revised lo:	Not Reported
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	KEITHVILLE
Bio analys:	Not Reported	Section:	003
Avail info:	W	Range:	13W
Drillers 2:	018	Elevation:	Not Reported
Township:	16N	Water leve:	13.00
Hole depth:	90	Source of :	D
Quad num:	052A	Date regis:	09/09
Date measu:	08/26/09	Plugged b1:	Not Reported
Date of ad:	2009-09-02	Yield:	Not Reported
Date plugg:	Not Reported	Casing di1:	4
Plugged b2:	Not Reported	Screen di1:	4
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	70-90		
Owners num:	FRANKS 11	Longitude2:	0
Latitude m:	0		
Latitude s:	0	Create use:	SONRIS_DBA
Longitude1:	0	Update use:	SONRIS_DBA
Longitude3:	Not Reported	Industria1:	Not Reported
Create dat:	2010 720	Replacemen:	Not Reported
Update dat:	2012 130	Public su1:	Not Reported
Parish cod:	09	Pumpdown c:	Not Reported
Owner stat:	Not Reported	Extension2:	Not Reported
Industria2:	Not Reported	Screen typ:	Not Reported
Public su2:	Not Reported	Ground eve:	Not Reported
Extension1:	Not Reported	Site city:	Not Reported
Extension3:	Not Reported	Site addre:	Not Reported
Gravel pac:	N		
Diameter o:	Not Reported	Authorize2:	0
Site zip:	Not Reported		
Remarks:	Not Reported	Location l:	Not Reported
Authorize1:	Not Reported		
Heat pump1:	0	Cemented f:	Not Reported
Heat pump2:	Not Reported	Slot size:	Not Reported
Location m:	0		
Location c:	Not Reported		
Slot lengt:	Not Reported		
Inspector:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Inspector :	Not Reported	Pump setti:	Not Reported
Inspection:	0	Pump plan1:	0
Pump motor:	Not Reported	Pump plan3:	Not Reported
Pump plan2:	0	Yield meas:	Not Reported
Pump rate:	Not Reported	Pump hour2:	0
Pump hour1:	0	Pump deter:	Not Reported
Pump stati:	Not Reported	Pump test :	0
Pump groun:	Not Reported		
X longdd:	-93.67416667	Pa signat2:	0
Y latdd:	32.38305556		
Pump down :	Not Reported	Casing len:	Not Reported
Pa remarks:	Not Reported	Casing di3:	Not Reported
Pa signat1:	Not Reported		
Pa details:	Not Reported	Parish nam:	CADDO
Casing di2:	Not Reported		
Contact:	Not Reported	Site id:	LATD40000020633
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	[TO BE DETERMINED]		
Use descri:	oil/gas well rig supply		
Well statu:	Active		

**2**  
**ENE**  
**1/4 - 1/2 Mile**  
**Higher**

**LA WELLS      LATD40000102284**

Water wel1:	607865	State code:	22
Water wel2:	017-12293Z	Local well:	12293Z
Parish num:	017	Latitude:	322307
Identifica:	322307093402401	Sequence n:	00
Longitude:	934024	Well depth:	270
Owners nam:	LLOYD WELLS	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	01/19/2013		
Available :	Not Reported	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	N	Chem analy:	N
Mechanic a:	N	Pump test:	N
Bio analys:	N	Drillers 1:	COMPLETE WELL & PUMP SERVICE, LLC
Avail info:	N	Section:	003
Drillers 2:	673	Range:	13W
Township:	16N	Elevation:	0166
Hole depth:	270	Water leve:	120
Quad num:	052A	Source of :	D
Date measu:	01/19/2013	Date regis:	07/28/2013
Date of ad:	Not Reported	Plugged b1:	Not Reported
Date plugg:	Not Reported	Yield:	Not Reported
Plugged b2:	Not Reported	Casing di1:	4
Drawdown:	Not Reported	Screen di1:	4
Casing mat:	PLASTIC	Serial num:	Not Reported
Screen int:	Not Reported	Latitude d:	0
Owners num:	Not Reported		
Latitude m:	0	Longitude2:	0
Latitude s:	0		
Longitude1:	0		
Longitude3:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Create dat:	2013 712	Create use:	TERITH
Update dat:	201311 7	Update use:	TERITH
Parish cod:	09	Industria1:	Not Reported
Owner stat:	N	Replacemen:	N
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	PLASTIC
Gravel pac:	N	Ground eve:	Not Reported
Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addre:	Not Reported
Remarks:	Not Reported		
Authorize1:	TALLEY, JOHN W.	Authorize2:	2013 624
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	HWY 1 & LEONARD RD
Location m:	1.5		
Location c:	SHREVEPORT	Cemented f:	15
Slot lengt:	20	Slot size:	.018
Inspector:	PAA		
Inspector :	Not Reported		
Inspection:	2013 926	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.67333333		
Y latdd:	32.38527778		
Pump down :	G		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	250
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	51897		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD40000102284

**3**

**West  
1/4 - 1/2 Mile  
Higher**

**LA WELLS**

**LATD40000103643**

Water wel1:	557164	State code:	22
Water wel2:	017-12061Z	Local well:	12061Z
Parish num:	017	Latitude:	322302
Identifica:	322303093411201	Sequence n:	Not Reported
Longitude:	934112	Well depth:	60
Owners nam:	PETROHAWK	Well subus:	Not Reported
Well use:	S	Geologic u:	112RRVA
Date compl:	07/28/2011		
Available :	Not Reported	Revised lo:	934112
Revised la:	322302		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Elec log:	N	Drill log:	D
Mechanic a:	N	Chem analy:	N
Bio analys:	N	Pump test:	N
Avail info:	N	Drillers 1:	PINNERGY
Drillers 2:	749	Section:	003
Township:	16N	Range:	13W
Hole depth:	60	Elevation:	0158
Quad num:	052C	Water leve:	15
Date measu:	07/28/2011	Source of :	D
Date of ad:	Not Reported	Date regis:	08/19/2011
Date plugg:	09/27/2011	Plugged b1:	Not Reported
Plugged b2:	749	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	Not Reported	Serial num:	243582
Owners num:	FRANKS INVESTMENTS 10 H-1	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		
Create dat:	2011 825	Create use:	TERITH
Update dat:	20121226	Update use:	TERITH
Parish cod:	09	Industria1:	Not Reported
Owner stat:	N	Replacemen:	N
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	PLASTIC
Gravel pac:	N	Ground eve:	Not Reported
Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addre:	Not Reported
Remarks:	RD. CROSS RAILROAD TRACKS GO TO LEASE ROAD ON RIGHT AROUND CHESAPEAKE LOCATION FOLLOW LEASE		
Authorize1:	FETTERMAN, TIM	Authorize2:	2011 811
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	INT HWY 1 & 523 GO SOUTH ON HWY 1 1.5 MI TURN RIG
Location m:	0		
Location c:	SHREVEPORT	Cemented f:	50
Slot lengt:	20	Slot size:	.02
Inspector:	PAA		
Inspector :	Not Reported		
Inspection:	201211 7	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.68666667		
Y latdd:	32.38388889		
Pump down :	P		
Pa remarks:	Not Reported		
Pa signat1:	TIM FETTERMAN	Pa signat2:	201110 7
Pa details:	ALL OF CASING LEFT IN HOLE. TREMMIE PIPE TO BOTTOM AND FILLED WITH CEMENT AND BENTONITE SLURRY.		
Casing di2:	Not Reported	Casing len:	40
Contact:	FETTERMAN, TIM	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	3002		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	RED RIVER ALLUVIAL AQUIFER		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Use descri: oil/gas well rig supply  
 Well statu: Plugged and Abandoned Site id: LATD40000103643

**4**  
**SE**  
**1/4 - 1/2 Mile**  
**Higher**

**LA WELLS      LATD40000149919**

Water wel1:	394657		
Water wel2:	017-11690Z	State code:	22
Parish num:	017	Local well:	11690Z
Identifica:	322245093402001	Latitude:	322245
Longitude:	934020	Sequence n:	01
Owners nam:	CCS MIDSTREAM	Well depth:	64
Well use:	M	Well subus:	Not Reported
Date compl:	10/09	Geologic u:	00000000
Available :	Driller Log, Water Level		
Revised Ia:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Not Reported
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	WALKER-HILL(CO)
Drillers 2:	574	Section:	003
Township:	16N	Range:	13W
Hole depth:	67	Elevation:	159
Quad num:	052A	Water leve:	14.00
Date measu:	10/12/09	Source of :	D
Date of ad:	2009-10-28	Date regis:	10/09
Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	2
Casing mat:	PLASTIC	Screen di1:	2
Screen int:	54-64	Serial num:	Not Reported
Owners num:	MW-9B	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		
Create dat:	2010 720	Create use:	SONRIS_DBA
Update dat:	2012 130	Update use:	SONRIS_DBA
Parish cod:	09	Industria1:	Not Reported
Owner stat:	Not Reported	Replacemen:	Not Reported
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	Not Reported
Gravel pac:	N	Ground eve:	Not Reported
Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addre:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Inspector :	Not Reported	Pump setti:	Not Reported
Inspection:	0	Pump plan1 :	0
Pump motor:	Not Reported	Pump plan3:	Not Reported
Pump plan2:	0	Yield meas:	Not Reported
Pump rate:	Not Reported	Pump hour2:	0
Pump hour1:	0	Pump deter:	Not Reported
Pump stati:	Not Reported	Pump test :	0
Pump groun:	Not Reported		
X longdd:	-93.67222222		
Y latdd:	32.37916667		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active	Site id:	LATD40000149919

**A5  
WSW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000126990**

Water wel1:	387506	State code:	22
Water wel2:	017-477	Local well:	477
Parish num:	017	Latitude:	322248
Identifica:	322248093411201	Sequence n:	01
Longitude:	934112	Well depth:	47
Owners nam:	U S GEOL SURVEY	Well subus:	PA
Well use:	O	Geologic u:	112RRVA
Date compl:	07/71		
Available :	Driller Log, Quality of Water, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Q
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	U.S.G.S.
Drillers 2:	002	Section:	003
Township:	16N	Range:	13W
Hole depth:	0	Elevation:	163
Quad num:	Not Reported	Water leve:	28.50
Date measu:	11/02/71	Source of :	A
Date of ad:	2001-10-17	Date regis:	Not Reported
Date plugg:	08/00	Plugged b1:	U.S.G.S.
Plugged b2:	002	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	1.25
Casing mat:	METAL	Screen di1:	1.25
Screen int:	44-47	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Create dat:	2010 720	Create use:	SONRIS_DBA
Update dat:	2012 130	Update use:	SONRIS_DBA
Parish cod:	09	Industria1:	Not Reported
Owner stat:	Not Reported	Replacemen:	Not Reported
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	Not Reported
Gravel pac:	N	Ground eve:	Not Reported
Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addre:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.68666667		
Y latdd:	32.38		
Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADD0
Aquifer na:	RED RIVER ALLUVIAL AQUIFER		
Use descri:	plugged and abandoned observation		
Well statu:	Plugged and Abandoned	Site id:	LATD40000126990

**A6  
WSW  
1/2 - 1 Mile  
Higher**

**FED USGS USGS40000412775**

Org. Identifier:	USGS-LA		
Formal name:	USGS Louisiana Water Science Center		
Monloc Identifier:	USGS-322248093411201		
Monloc name:	Cd- 477		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	11140202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	32.3801554
Longitude:	-93.6868447	Sourcemap scale:	62500

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	163.18
Vert measure units:	feet	Vertacc measure val:	.01
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Alluvial aquifers		
Formation type:	Red River Alluvial Aquifer		
Aquifer type:	Unconfined single aquifer		
Construction date:	19710720	Welldepth:	47
Welldepth units:	ft	Wellholedepth:	71
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 104

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-08-17	26.05		2000-07-11	25.64	
1995-03-28	25.90		1994-04-04	24.90	
1993-05-06	26.48		1992-04-09	25.95	
1991-04-26	23.61		1990-05-25	25.64	
1990-05-03	25.88		1989-04-03	26.38	
1988-05-03	27.08		1987-09-01	27.52	
1987-06-02	26.75		1987-03-04	25.62	
1986-09-17	27.20		1986-03-11	26.95	
1985-12-17	26.82		1985-09-17	27.45	
1985-06-17	26.62		1985-03-06	26.80	
1985-02-11	26.47		1984-12-06	27.25	
1984-09-11	27.81		1984-03-06	26.56	
1983-12-06	27.75		1983-09-07	27.20	
1983-06-01	26.52		1983-03-09	26.70	
1982-12-07	27.94		1982-09-01	28.03	
1982-06-02	28.05		1982-03-02	27.90	
1981-12-09	28.06		1981-09-01	28.25	
1981-06-02	28.75		1981-03-03	28.87	
1980-12-03	28.87		1980-09-08	28.53	
1980-06-04	27.41		1980-03-04	27.74	
1979-12-05	27.91		1979-08-28	27.55	
1979-06-11	26.89		1979-03-16	27.61	
1978-12-13	28.94		1978-07-26	28.80	
1978-04-12	28.60		1978-01-12	28.60	
1977-10-13	28.40		1977-07-12	28.80	
1977-04-06	27.30		1977-01-13	27.80	
1976-09-21	27.49		1976-09-16	28.60	
1976-06-15	27.50		1976-04-06	27.30	
1976-03-31	27.42		1976-01-21	28.00	
1975-11-05	27.20		1975-10-06	27.30	
1975-09-08	27.20		1975-08-04	26.60	
1975-07-09	27.10		1975-06-03	26.60	
1975-06-02	26.60		1975-05-23	26.30	
1975-05-13	26.41		1975-05-12	26.37	
1975-04-03	26.50		1975-03-12	26.60	
1975-02-12	26.60		1974-10-02	27.10	
1974-08-07	27.20		1974-07-01	27.20	
1974-06-05	26.70		1974-05-08	27.20	
1974-04-03	26.90		1974-03-06	26.70	
1974-02-05	26.30		1974-01-25	25.60	
1973-12-06	26.80		1973-11-14	27.20	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1973-10-03	27.20		1973-08-02	27.10	
1973-07-10	26.80		1973-06-06	27.20	
1973-05-02	27.20		1973-04-03	27.40	
1973-03-08	27.70		1973-02-06	27.80	
1973-01-10	27.70		1972-12-13	27.90	
1972-11-07	28.20		1972-10-03	28.60	
1972-09-06	28.50		1972-08-01	28.00	
1972-07-11	28.20		1972-06-13	28.30	
1972-05-02	28.00		1972-04-04	27.90	
1972-03-01	28.10		1972-02-08	27.90	
1972-01-13	28.00		1971-11-02	28.50	

**7  
SE  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000196562**

Water wel1:	394395	State code:	22
Water wel2:	017-11428Z	Local well:	11428Z
Parish num:	017	Latitude:	322237
Identifica:	322237093402301	Sequence n:	01
Longitude:	934023	Well depth:	95
Owners nam:	J W OPERATING COMPANY	Well subus:	Not Reported
Well use:	S	Geologic u:	112RRVA
Date compl:	09/08	Revised lo:	934024
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	322440	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	KEITHVILLE
Bio analys:	Not Reported	Section:	003
Avail info:	W	Range:	13W
Drillers 2:	018	Elevation:	159
Township:	16N	Water leve:	33.00
Hole depth:	95	Source of :	D
Quad num:	052A	Date regis:	10/08
Date measu:	09/26/08	Plugged b1:	Not Reported
Date of ad:	2008-12-31	Yield:	Not Reported
Date plugg:	06/03/2011	Casing di1:	4
Plugged b2:	208	Screen di1:	4
Drawdown:	Not Reported	Serial num:	238806
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	75-95	Longitude2:	0
Owners num:	FRANKS REALTY 14-1	Create use:	SONRIS_DBA
Latitude m:	0	Update use:	SONRIS_DBA
Latitude s:	0	Industria1:	Not Reported
Longitude1:	0	Replacemen:	Not Reported
Longitude3:	Not Reported	Public su1:	Not Reported
Create dat:	2010 720	Pumpdown c:	Not Reported
Update dat:	2012 130	Extension2:	Not Reported
Parish cod:	09	Screen typ:	Not Reported
Owner stat:	Not Reported	Ground eve:	Not Reported
Industria2:	Not Reported		
Public su2:	Not Reported		
Extension1:	Not Reported		
Extension3:	Not Reported		
Gravel pac:	N		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	HWY 1 & PR 122
Location m:	1		
Location c:	SHREVEPORT	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	JB		
Inspector :	Not Reported		
Inspection:	2011 716	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.67305556		
Y latdd:	32.37694444		
Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	GEORGE HAYWARD	Pa signat2:	2011 616
Pa details:	PLUGGED 4" WELL FROM BOTTOM TO TOP WITH 9 PORTLAND		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	6861		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	RED RIVER ALLUVIAL AQUIFER		
Use descri:	oil/gas well rig supply		
Well statu:	Plugged and Abandoned	Site id:	LATD40000196562

**B8  
East  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000150326**

Water wel1:	394614	State code:	22
Water wel2:	017-11647Z	Local well:	11647Z
Parish num:	017	Latitude:	322255
Identifica:	322255093401001	Sequence n:	01
Longitude:	934010	Well depth:	21
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	06/09		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Avail info:	W	Section:	003
Drillers 2:	574	Range:	13W
Township:	16N	Elevation:	158
Hole depth:	21	Water leve:	13.00
Quad num:	052A	Source of :	D
Date measu:	06/23/09	Date regis:	08/09
Date of ad:	2009-08-18		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	2
Casing mat:	PLASTIC	Screen di1:	2
Screen int:	11-21	Serial num:	Not Reported
Owners num:	MW-3A	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.66944444		
Y latdd:	32.38194444	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADD0
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000150326
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active		

C9  
ESE  
1/2 - 1 Mile  
Higher

LA WELLS      LATD40000120618

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	394617	State code:	22
Water wel2:	017-11650Z	Local well:	11650Z
Parish num:	017	Latitude:	322246
Identifica:	322246093401101	Sequence n:	01
Longitude:	934011	Well depth:	68
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	06/09	Revised lo:	Not Reported
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Bio analys:	Not Reported	Section:	003
Avail info:	W	Range:	13W
Drillers 2:	574	Elevation:	156
Township:	16N	Water leve:	14.00
Hole depth:	73	Source of :	D
Quad num:	052A	Date regis:	08/09
Date measu:	06/23/09	Plugged b1:	Not Reported
Date of ad:	2009-08-18	Yield:	Not Reported
Date plugg:	Not Reported	Casing di1:	2
Plugged b2:	Not Reported	Screen di1:	2
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	58-68	Longitude2:	0
Owners num:	MW-5B	Create use:	SONRIS_DBA
Latitude m:	0	Update use:	SONRIS_DBA
Latitude s:	0	Industria1:	Not Reported
Longitude1:	0	Replacemen:	Not Reported
Longitude3:	Not Reported	Public su1:	Not Reported
Create dat:	2010 720	Pumpdown c:	Not Reported
Update dat:	2012 130	Extension2:	Not Reported
Parish cod:	09	Screen typ:	Not Reported
Owner stat:	Not Reported	Ground eve:	Not Reported
Industria2:	Not Reported	Site city:	Not Reported
Public su2:	Not Reported	Site addre:	Not Reported
Extension1:	Not Reported	Authorize2:	0
Extension3:	Not Reported	Location l:	Not Reported
Gravel pac:	N	Cemented f:	Not Reported
Diameter o:	Not Reported	Slot size:	Not Reported
Site zip:	Not Reported	Pump setti:	Not Reported
Remarks:	Not Reported	Pump plan1:	0
Authorize1:	Not Reported	Pump plan3:	Not Reported
Heat pump1:	0	Yield meas:	Not Reported
Heat pump2:	Not Reported	Pump hour2:	0
Location m:	0	Pump deter:	Not Reported
Location c:	Not Reported	Pump test :	0
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0		
Pump motor:	Not Reported		
Pump plan2:	0		
Pump rate:	Not Reported		
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.66972222		
Y latdd:	32.37944444		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active	Site id:	LATD40000120618

**C10  
ESE  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000020513**

Water wel1:	394616		
Water wel2:	017-11649Z	State code:	22
Parish num:	017	Local well:	11649Z
Identifica:	322245093401101	Latitude:	322245
Longitude:	934011	Sequence n:	01
Owners nam:	CCS MIDSTREAM	Well depth:	22
Well use:	M	Well subus:	Not Reported
Date compl:	06/09	Geologic u:	00000000
Available :	Driller Log, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Not Reported
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	WALKER-HILL(CO)
Drillers 2:	574	Section:	003
Township:	16N	Range:	13W
Hole depth:	22	Elevation:	156
Quad num:	052A	Water leve:	14.00
Date measu:	06/23/09	Source of :	D
Date of ad:	2009-08-18	Date regis:	08/09
Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	2
Casing mat:	PLASTIC	Screen di1:	2
Screen int:	12-22	Serial num:	Not Reported
Owners num:	MW-5A	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		
Create dat:	2010 720	Create use:	SONRIS_DBA
Update dat:	2012 130	Update use:	SONRIS_DBA
Parish cod:	09	Industria1:	Not Reported
Owner stat:	Not Reported	Replacemen:	Not Reported
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	Not Reported
Gravel pac:	N	Ground eve:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.66972222		
Y latdd:	32.37916667		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active	Site id:	LATD40000020513

**D11  
ESE  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000150929**

Water wel1:	394619	State code:	22
Water wel2:	017-11652Z	Local well:	11652Z
Parish num:	017	Latitude:	322250
Identifica:	322250093400801	Sequence n:	01
Longitude:	934008	Well depth:	20
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	06/09		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Avail info:	W	Section:	003
Drillers 2:	574	Range:	13W
Township:	16N	Elevation:	157
Hole depth:	20	Water leve:	16.00
Quad num:	052A	Source of :	D
Date measu:	06/23/09	Date regis:	08/09
Date of ad:	2009-08-18		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	2
Casing mat:	PLASTIC	Screen di1:	2
Screen int:	10-20	Serial num:	Not Reported
Owners num:	MW-7A	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.66888889		
Y latdd:	32.38055556	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADDO
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000150929
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active		

**B12  
East  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000096256**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	394610	State code:	22
Water wel2:	017-11643Z	Local well:	11643Z
Parish num:	017	Latitude:	322257
Identifica:	322257093400601	Sequence n:	01
Longitude:	934006	Well depth:	20
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	06/09	Revised lo:	Not Reported
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Bio analys:	Not Reported	Section:	003
Avail info:	W	Range:	13W
Drillers 2:	574	Elevation:	159
Township:	16N	Water leve:	11.00
Hole depth:	20	Source of :	D
Quad num:	052A	Date regis:	08/09
Date measu:	06/23/09	Plugged b1:	Not Reported
Date of ad:	2009-08-18	Yield:	Not Reported
Date plugg:	Not Reported	Casing di1:	2
Plugged b2:	Not Reported	Screen di1:	2
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	15-20	Longitude2:	0
Owners num:	CDM-16	Create use:	SONRIS_DBA
Latitude m:	0	Update use:	SONRIS_DBA
Latitude s:	0	Industria1:	Not Reported
Longitude1:	0	Replacemen:	Not Reported
Longitude3:	Not Reported	Public su1:	Not Reported
Create dat:	2010 720	Pumpdown c:	Not Reported
Update dat:	2012 130	Extension2:	Not Reported
Parish cod:	09	Screen typ:	Not Reported
Owner stat:	Not Reported	Ground eve:	Not Reported
Industria2:	Not Reported	Site city:	Not Reported
Public su2:	Not Reported	Site addre:	Not Reported
Extension1:	Not Reported	Authorize2:	0
Extension3:	Not Reported	Location l:	Not Reported
Gravel pac:	N	Cemented f:	Not Reported
Diameter o:	Not Reported	Slot size:	Not Reported
Site zip:	Not Reported	Pump setti:	Not Reported
Remarks:	Not Reported	Pump plan1:	0
Authorize1:	Not Reported	Pump plan3:	Not Reported
Heat pump1:	0	Yield meas:	Not Reported
Heat pump2:	Not Reported	Pump hour2:	0
Location m:	0	Pump deter:	Not Reported
Location c:	Not Reported	Pump test :	0
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0		
Pump motor:	Not Reported		
Pump plan2:	0		
Pump rate:	Not Reported		
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.66833333		
Y latdd:	32.3825		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active	Site id:	LATD40000096256

**13  
SSE  
1/2 - 1 Mile  
Lower**

**LA WELLS      LATD40000134020**

Water wel1:	391023	State code:	22
Water wel2:	017-8054Z	Local well:	8054Z
Parish num:	017	Latitude:	322230
Identifica:	322230093402701	Sequence n:	01
Longitude:	934027	Well depth:	150
Owners nam:	MANASCO CONST	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	07/95		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	PROFESSIONAL'
Avail info:	W	Section:	038
Drillers 2:	475	Range:	13W
Township:	16N	Elevation:	155
Hole depth:	150	Water leve:	30.00
Quad num:	052C	Source of :	D
Date measu:	07/15/95	Date regis:	07/95
Date of ad:	1996-09-10	Plugged b1:	Not Reported
Date plugg:	Not Reported	Yield:	Not Reported
Plugged b2:	Not Reported	Casing di1:	4
Drawdown:	Not Reported	Screen di1:	1.50
Casing mat:	PLASTIC	Serial num:	Not Reported
Screen int:	120-150	Latitude d:	0
Owners num:	Not Reported		
Latitude m:	0	Longitude2:	0
Latitude s:	0		
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.67416667		
Y latdd:	32.375		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD40000134020

**14  
SE  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000019848**

Water wel1:	394658	State code:	22
Water wel2:	017-11691Z	Local well:	11691Z
Parish num:	017	Latitude:	322236
Identifica:	322236093401701	Sequence n:	01
Longitude:	934017	Well depth:	67
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	10/09		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Avail info:	W	Section:	003
Drillers 2:	574	Range:	13W
Township:	16N	Elevation:	159
Hole depth:	70	Water leve:	16.00
Quad num:	052A	Source of :	D
Date measu:	10/12/09	Date regis:	10/09
Date of ad:	2009-10-28		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	2
Casing mat:	PLASTIC	Screen di1:	2
Screen int:	57-67	Serial num:	Not Reported
Owners num:	MW-10B	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.67138889		
Y latdd:	32.37666667	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADD0
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000019848
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active		

D15  
ESE  
1/2 - 1 Mile  
Higher

LA WELLS      LATD40000019602

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	394608	State code:	22
Water wel2:	017-11641Z	Local well:	11641Z
Parish num:	017	Latitude:	322251
Identifica:	322251093400601	Sequence n:	01
Longitude:	934006	Well depth:	20
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	06/09	Revised lo:	Not Reported
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Bio analys:	Not Reported	Section:	003
Avail info:	W	Range:	13W
Drillers 2:	574	Elevation:	158
Township:	16N	Water leve:	11.00
Hole depth:	20	Source of :	D
Quad num:	052A	Date regis:	08/09
Date measu:	06/23/09	Plugged b1:	Not Reported
Date of ad:	2009-08-18	Yield:	Not Reported
Date plugg:	Not Reported	Casing di1:	2
Plugged b2:	Not Reported	Screen di1:	2
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	15-20	Longitude2:	0
Owners num:	CDM-8	Create use:	SONRIS_DBA
Latitude m:	0	Update use:	SONRIS_DBA
Latitude s:	0	Industria1:	Not Reported
Longitude1:	0	Replacemen:	Not Reported
Longitude3:	Not Reported	Public su1:	Not Reported
Create dat:	2010 720	Pumpdown c:	Not Reported
Update dat:	2012 130	Extension2:	Not Reported
Parish cod:	09	Screen typ:	Not Reported
Owner stat:	Not Reported	Ground eve:	Not Reported
Industria2:	Not Reported	Site city:	Not Reported
Public su2:	Not Reported	Site addre:	Not Reported
Extension1:	Not Reported	Authorize2:	0
Extension3:	Not Reported	Location l:	Not Reported
Gravel pac:	N	Cemented f:	Not Reported
Diameter o:	Not Reported	Slot size:	Not Reported
Site zip:	Not Reported	Pump setti:	Not Reported
Remarks:	Not Reported	Pump plan1:	0
Authorize1:	Not Reported	Pump plan3:	Not Reported
Heat pump1:	0	Yield meas:	Not Reported
Heat pump2:	Not Reported	Pump hour2:	0
Location m:	0	Pump deter:	Not Reported
Location c:	Not Reported	Pump test :	0
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0		
Pump motor:	Not Reported		
Pump plan2:	0		
Pump rate:	Not Reported		
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.66833333		
Y latdd:	32.38083333		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active	Site id:	LATD40000019602

**E16  
East  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000020511**

Water wel1:	394613		
Water wel2:	017-11646Z	State code:	22
Parish num:	017	Local well:	11646Z
Identifica:	322257093400401	Latitude:	322257
Longitude:	934004	Sequence n:	01
Owners nam:	CCS MIDSTREAM	Well depth:	74
Well use:	M	Well subus:	Not Reported
Date compl:	06/09	Geologic u:	00000000
Available :	Driller Log, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Not Reported
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	WALKER-HILL(CO)
Drillers 2:	574	Section:	003
Township:	16N	Range:	13W
Hole depth:	85	Elevation:	159
Quad num:	052A	Water leve:	13.00
Date measu:	06/23/09	Source of :	D
Date of ad:	2009-08-18	Date regis:	08/09
Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	2
Casing mat:	PLASTIC	Screen di1:	2
Screen int:	64-74	Serial num:	Not Reported
Owners num:	MW-2B	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		
Create dat:	2010 720	Create use:	SONRIS_DBA
Update dat:	2012 130	Update use:	SONRIS_DBA
Parish cod:	09	Industria1:	Not Reported
Owner stat:	Not Reported	Replacemen:	Not Reported
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	Not Reported
Gravel pac:	N	Ground eve:	Not Reported



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.66777778		
Y latdd:	32.3825		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active	Site id:	LATD40000020511

**E17  
East  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000019603**

Water wel1:	394612	State code:	22
Water wel2:	017-11645Z	Local well:	11645Z
Parish num:	017	Latitude:	322256
Identifica:	322256093400401	Sequence n:	01
Longitude:	934004	Well depth:	21
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	06/09		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Avail info:	W	Section:	003
Drillers 2:	574	Range:	13W
Township:	16N	Elevation:	159
Hole depth:	22	Water leve:	11.00
Quad num:	052A	Source of :	D
Date measu:	06/23/09	Date regis:	08/09
Date of ad:	2009-08-18		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	2
Casing mat:	PLASTIC	Screen di1:	2
Screen int:	11-21	Serial num:	Not Reported
Owners num:	MW-2A	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.66777778		
Y latdd:	32.38222222	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADDO
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000019603
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active		

18  
South  
1/2 - 1 Mile  
Higher

LA WELLS    LATD40000167068

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	388420	State code:	22
Water wel2:	017-5451Z	Local well:	5451Z
Parish num:	017	Latitude:	322225
Identifica:	322225093404301	Sequence n:	01
Longitude:	934043	Well depth:	152
Owners nam:	LEGENDRE, GUY	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	08/85	Revised lo:	Not Reported
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	PRESLEY, ROGER
Bio analys:	Not Reported	Section:	038
Avail info:	W	Range:	13W
Drillers 2:	102	Elevation:	Not Reported
Township:	16N	Water leve:	60.00
Hole depth:	160	Source of :	D
Quad num:	052C	Date regis:	10/85
Date measu:	08/21/85	Plugged b1:	Not Reported
Date of ad:	2000-03-17	Yield:	10
Date plugg:	Not Reported	Casing di1:	4
Plugged b2:	Not Reported	Screen di1:	4
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	102-152	Longitude2:	0
Owners num:	Not Reported	Create use:	SONRIS_DBA
Latitude m:	0	Update use:	SONRIS_DBA
Latitude s:	0	Industria1:	Not Reported
Longitude1:	0	Replacemen:	Not Reported
Longitude3:	Not Reported	Public su1:	Not Reported
Create dat:	2010 720	Pumpdown c:	Not Reported
Update dat:	2012 130	Extension2:	Not Reported
Parish cod:	09	Screen typ:	Not Reported
Owner stat:	Not Reported	Ground eve:	Not Reported
Industria2:	Not Reported	Site city:	Not Reported
Public su2:	Not Reported	Site addre:	Not Reported
Extension1:	Not Reported	Authorize2:	0
Extension3:	Not Reported	Location l:	Not Reported
Gravel pac:	N	Cemented f:	Not Reported
Diameter o:	Not Reported	Slot size:	Not Reported
Site zip:	Not Reported	Pump setti:	Not Reported
Remarks:	Not Reported	Pump plan1:	0
Authorize1:	Not Reported	Pump plan3:	Not Reported
Heat pump1:	0	Yield meas:	Not Reported
Heat pump2:	Not Reported	Pump hour2:	0
Location m:	0	Pump deter:	Not Reported
Location c:	Not Reported	Pump test :	0
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0		
Pump motor:	Not Reported		
Pump plan2:	0		
Pump rate:	Not Reported		
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.67861111		
Y latdd:	32.37361111		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD40000167068

**19  
SSE  
1/2 - 1 Mile  
Lower**

**LA WELLS      LATD40000095928**

Water wel1:	393233		
Water wel2:	017-10263Z	State code:	22
Parish num:	017	Local well:	10263Z
Identifica:	322226093403401	Latitude:	322226
Longitude:	934034	Sequence n:	01
Owners nam:	PASLEY, PHILLIP	Well depth:	80
Well use:	I	Well subus:	Not Reported
Date compl:	05/05	Geologic u:	00000000
Available :	Driller Log, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Not Reported
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	VOWELL (ROY)
Drillers 2:	251	Section:	038
Township:	16N	Range:	13W
Hole depth:	80	Elevation:	154
Quad num:	052A	Water leve:	45.00
Date measu:	05/11/05	Source of :	D
Date of ad:	2005-08-08	Date regis:	06/05
Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	50-80	Serial num:	Not Reported
Owners num:	#1	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		
Create dat:	2010 720	Create use:	SONRIS_DBA
Update dat:	2012 130	Update use:	SONRIS_DBA
Parish cod:	09	Industria1:	Not Reported
Owner stat:	Not Reported	Replacemen:	Not Reported
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	Not Reported
Gravel pac:	N	Ground eve:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.67611111		
Y latdd:	32.37388889		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	irrigation		
Well statu:	Active	Site id:	LATD40000095928

**C20  
ESE  
1/2 - 1 Mile  
Higher**

**FED USGS USGS40000412751**

Org. Identifier:	USGS-LA		
Formal name:	USGS Louisiana Water Science Center		
Monloc Identifier:	USGS-322242093400802		
Monloc name:	Cd-7253Z		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	11140206	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	32.3784887
Longitude:	-93.6690666	Sourcemap scale:	62500
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	155.
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Mississippi embayment aquifer system		
Formation type:	Wilcox Aquifer		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	210
Construction date:	1972	Wellholeddepth:	Not Reported
Welldepth units:	ft		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**C21  
ESE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000412750**

Org. Identifier:	USGS-LA		
Formal name:	USGS Louisiana Water Science Center		
Monloc Identifier:	USGS-322242093400801		
Monloc name:	Cd-7254Z		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	11140206	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	32.3784887
Longitude:	-93.6690666	Sourcemap scale:	62500
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	155.
Vert measure units:	feet	Vertacc measure val:	2.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Alluvial aquifers		
Formation type:	Red River Alluvial Aquifer		
Aquifer type:	Not Reported		
Construction date:	1972	Welldepth:	90
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**F22  
ESE  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000019040**

Water wel1:	390223	State code:	22
Water wel2:	017-7254Z	Local well:	7254Z
Parish num:	017	Latitude:	322242
Identifica:	322242093400801	Sequence n:	01
Longitude:	934008	Well depth:	90
Owners nam:	GILL, H J	Well subus:	Not Reported
Well use:	H	Geologic u:	112RRVA
Date compl:	1972		
Available :	Not Reported	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	Not Reported
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	UNKNOWN
Avail info:	Not Reported	Section:	003
Drillers 2:	000	Range:	13W
Township:	16N	Elevation:	155
Hole depth:	0	Water leve:	0.00
Quad num:	Not Reported	Source of :	Not Reported
Date measu:	Not Reported	Date regis:	07/92
Date of ad:	1992-09-17		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	METAL	Screen di1:	Not Reported
Screen int:	Not Reported	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.66888889		
Y latdd:	32.37833333	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADDO
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000019040
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	RED RIVER ALLUVIAL AQUIFER		
Use descri:	domestic		
Well statu:	Active		

**F23  
ESE  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000145518**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	390222	State code:	22
Water wel2:	017-7253Z	Local well:	7253Z
Parish num:	017	Latitude:	322242
Identifica:	322242093400802	Sequence n:	02
Longitude:	934008	Well depth:	210
Owners nam:	GILL, H J	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	1972	Revised lo:	Not Reported
Available :	Not Reported	Drill log:	Not Reported
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	UNKNOWN
Bio analys:	Not Reported	Section:	003
Avail info:	Not Reported	Range:	13W
Drillers 2:	000	Elevation:	155
Township:	16N	Water leve:	0.00
Hole depth:	0	Source of :	Not Reported
Quad num:	Not Reported	Date regis:	07/92
Date measu:	Not Reported	Plugged b1:	Not Reported
Date of ad:	1992-09-17	Yield:	Not Reported
Date plugg:	Not Reported	Casing di1:	4
Plugged b2:	Not Reported	Screen di1:	Not Reported
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	METAL	Latitude d:	0
Screen int:	Not Reported	Longitude2:	0
Owners num:	Not Reported	Create use:	SONRIS_DBA
Latitude m:	0	Update use:	SONRIS_DBA
Latitude s:	0	Industria1:	Not Reported
Longitude1:	0	Replacemen:	Not Reported
Longitude3:	Not Reported	Public su1:	Not Reported
Create dat:	2010 720	Pumpdown c:	Not Reported
Update dat:	2012 130	Extension2:	Not Reported
Parish cod:	09	Screen typ:	Not Reported
Owner stat:	Not Reported	Ground eve:	Not Reported
Industria2:	Not Reported	Site city:	Not Reported
Public su2:	Not Reported	Site addre:	Not Reported
Extension1:	Not Reported	Authorize2:	0
Extension3:	Not Reported	Location l:	Not Reported
Gravel pac:	N	Cemented f:	Not Reported
Diameter o:	Not Reported	Slot size:	Not Reported
Site zip:	Not Reported	Pump setti:	Not Reported
Remarks:	Not Reported	Pump plan1:	0
Authorize1:	Not Reported	Pump plan3:	Not Reported
Heat pump1:	0	Yield meas:	Not Reported
Heat pump2:	Not Reported	Pump hour2:	0
Location m:	0	Pump deter:	Not Reported
Location c:	Not Reported	Pump test :	0
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0		
Pump motor:	Not Reported		
Pump plan2:	0		
Pump rate:	Not Reported		
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.66888889		
Y latdd:	32.37833333		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD40000145518

**G24  
East  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000127198**

Water wel1:	394609	State code:	22
Water wel2:	017-11642Z	Local well:	11642Z
Parish num:	017	Latitude:	322252
Identifica:	322252093400301	Sequence n:	01
Longitude:	934003	Well depth:	20
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	06/09		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Avail info:	W	Section:	003
Drillers 2:	574	Range:	13W
Township:	16N	Elevation:	158
Hole depth:	20	Water leve:	11.00
Quad num:	052A	Source of :	D
Date measu:	06/23/09	Date regis:	08/09
Date of ad:	2009-08-18	Plugged b1:	Not Reported
Date plugg:	Not Reported	Yield:	Not Reported
Plugged b2:	Not Reported	Casing di1:	2
Drawdown:	Not Reported	Screen di1:	2
Casing mat:	PLASTIC	Serial num:	Not Reported
Screen int:	15-20	Latitude d:	0
Owners num:	CDM-9		
Latitude m:	0	Longitude2:	0
Latitude s:	0		
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.6675		
Y latdd:	32.38111111		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active	Site id:	LATD40000127198

**E25  
East  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000145333**

Water wel1:	394611	State code:	22
Water wel2:	017-11644Z	Local well:	11644Z
Parish num:	017	Latitude:	322259
Identifica:	322259093400201	Sequence n:	01
Longitude:	934002	Well depth:	25
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	06/09		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Avail info:	W	Section:	003
Drillers 2:	574	Range:	13W
Township:	16N	Elevation:	160
Hole depth:	25	Water leve:	17.00
Quad num:	052A	Source of :	D
Date measu:	06/23/09	Date regis:	08/09
Date of ad:	2009-08-18		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	2
Casing mat:	PLASTIC	Screen di1:	2
Screen int:	15-25	Serial num:	Not Reported
Owners num:	MW-1A	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.66722222		
Y latdd:	32.38305556	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADDO
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000145333
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active		

H26  
ESE  
1/2 - 1 Mile  
Higher

LA WELLS      LATD40000125083

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	394621	State code:	22
Water wel2:	017-11654Z	Local well:	11654Z
Parish num:	017	Latitude:	322246
Identifica:	322246093400401	Sequence n:	01
Longitude:	934004	Well depth:	69
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	06/09	Revised lo:	Not Reported
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Bio analys:	Not Reported	Section:	003
Avail info:	W	Range:	13W
Drillers 2:	574	Elevation:	156
Township:	16N	Water leve:	11.00
Hole depth:	69	Source of :	D
Quad num:	052A	Date regis:	08/09
Date measu:	06/23/09	Plugged b1:	Not Reported
Date of ad:	2009-08-18	Yield:	Not Reported
Date plugg:	Not Reported	Casing di1:	2
Plugged b2:	Not Reported	Screen di1:	2
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	59-69	Longitude2:	0
Owners num:	MW-8B	Create use:	SONRIS_DBA
Latitude m:	0	Update use:	SONRIS_DBA
Latitude s:	0	Industria1:	Not Reported
Longitude1:	0	Replacemen:	Not Reported
Longitude3:	Not Reported	Public su1:	Not Reported
Create dat:	2010 720	Pumpdown c:	Not Reported
Update dat:	2012 130	Extension2:	Not Reported
Parish cod:	09	Screen typ:	Not Reported
Owner stat:	Not Reported	Ground eve:	Not Reported
Industria2:	Not Reported	Site city:	Not Reported
Public su2:	Not Reported	Site addre:	Not Reported
Extension1:	Not Reported	Authorize2:	0
Extension3:	Not Reported	Location l:	Not Reported
Gravel pac:	N	Cemented f:	Not Reported
Diameter o:	Not Reported	Slot size:	Not Reported
Site zip:	Not Reported	Pump setti:	Not Reported
Remarks:	Not Reported	Pump plan1:	0
Authorize1:	Not Reported	Pump plan3:	Not Reported
Heat pump1:	0	Yield meas:	Not Reported
Heat pump2:	Not Reported	Pump hour2:	0
Location m:	0	Pump deter:	Not Reported
Location c:	Not Reported	Pump test :	0
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0		
Pump motor:	Not Reported		
Pump plan2:	0		
Pump rate:	Not Reported		
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.66777778		
Y latdd:	32.37944444		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active	Site id:	LATD40000125083

**27  
SE  
1/2 - 1 Mile  
Lower**

**LA WELLS      LATD40000020300**

Water wel1:	393644		
Water wel2:	017-10674Z	State code:	22
Parish num:	017	Local well:	10674Z
Identifica:	322230093401801	Latitude:	322230
Longitude:	934018	Sequence n:	01
Owners nam:	J W OPERATING	Well depth:	80
Well use:	S	Well subus:	Not Reported
Date compl:	01/07	Geologic u:	112RRVA
Available :	Driller Log, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Not Reported
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	SCRUGGS, INC.
Drillers 2:	208	Section:	003
Township:	16N	Range:	13W
Hole depth:	80	Elevation:	156
Quad num:	052C	Water leve:	8.00
Date measu:	01/05/07	Source of :	D
Date of ad:	2007-04-16	Date regis:	01/07
Date plugg:	05/02/2011	Plugged b1:	Not Reported
Plugged b2:	208	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	60-80	Serial num:	234370
Owners num:	SMITH 14-6	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		
Create dat:	2010 720	Create use:	SONRIS_DBA
Update dat:	2012 130	Update use:	SONRIS_DBA
Parish cod:	09	Industria1:	Not Reported
Owner stat:	Not Reported	Replacemen:	Not Reported
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	Not Reported
Gravel pac:	N	Ground eve:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	JB		
Inspector :	Not Reported		
Inspection:	2011 723	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.67166667		
Y latdd:	32.375		
Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	GEORGE HAYWARD	Pa signat2:	2011 614
Pa details:	PLUGGED 4" WELL FROM BOTTOM TO TOP WITH 7 PORTLAND		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	RED RIVER ALLUVIAL AQUIFER		
Use descri:	oil/gas well rig supply		
Well statu:	Plugged and Abandoned	Site id:	LATD40000020300

**F28  
ESE  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000019849**

Water wel1:	394659	State code:	22
Water wel2:	017-11692Z	Local well:	11692Z
Parish num:	017	Latitude:	322239
Identifica:	322239093400801	Sequence n:	01
Longitude:	934008	Well depth:	24
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	10/09		
Available :	Driller Log, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Not Reported
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	WALKER-HILL(CO)
Drillers 2:	574	Section:	003
Township:	16N	Range:	13W
Hole depth:	24	Elevation:	157
Quad num:	052A	Water leve:	16.00
Date measu:	10/12/09	Source of :	D
Date of ad:	2009-10-28	Date regis:	10/09

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	2
Casing mat:	PLASTIC	Screen di1:	2
Screen int:	14-24	Serial num:	Not Reported
Owners num:	MW-11A	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.66888889		
Y latdd:	32.3775	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADDO
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000019849
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active		

H29  
ESE  
1/2 - 1 Mile  
Higher

LA WELLS      LATD40000019601



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	394607	State code:	22
Water wel2:	017-11640Z	Local well:	11640Z
Parish num:	017	Latitude:	322246
Identifica:	322246093400301	Sequence n:	01
Longitude:	934003	Well depth:	20
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	06/09	Revised lo:	Not Reported
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Bio analys:	Not Reported	Section:	003
Avail info:	W	Range:	13W
Drillers 2:	574	Elevation:	158
Township:	16N	Water leve:	11.00
Hole depth:	20	Source of :	D
Quad num:	052A	Date regis:	08/09
Date measu:	06/23/09	Plugged b1:	Not Reported
Date of ad:	2009-08-18	Yield:	Not Reported
Date plugg:	Not Reported	Casing di1:	2
Plugged b2:	Not Reported	Screen di1:	2
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	15-20	Longitude2:	0
Owners num:	CDM-2	Create use:	SONRIS_DBA
Latitude m:	0	Update use:	SONRIS_DBA
Latitude s:	0	Industria1:	Not Reported
Longitude1:	0	Replacemen:	Not Reported
Longitude3:	Not Reported	Public su1:	Not Reported
Create dat:	2010 720	Pumpdown c:	Not Reported
Update dat:	2012 130	Extension2:	Not Reported
Parish cod:	09	Screen typ:	Not Reported
Owner stat:	Not Reported	Ground eve:	Not Reported
Industria2:	Not Reported	Site city:	Not Reported
Public su2:	Not Reported	Site addre:	Not Reported
Extension1:	Not Reported	Authorize2:	0
Extension3:	Not Reported	Location l:	Not Reported
Gravel pac:	N	Cemented f:	Not Reported
Diameter o:	Not Reported	Slot size:	Not Reported
Site zip:	Not Reported	Pump setti:	Not Reported
Remarks:	Not Reported	Pump plan1:	0
Authorize1:	Not Reported	Pump plan3:	Not Reported
Heat pump1:	0	Yield meas:	Not Reported
Heat pump2:	Not Reported	Pump hour2:	0
Location m:	0	Pump deter:	Not Reported
Location c:	Not Reported	Pump test :	0
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0		
Pump motor:	Not Reported		
Pump plan2:	0		
Pump rate:	Not Reported		
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.6675		
Y latdd:	32.37944444		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active	Site id:	LATD40000019601

**G30  
East  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000020512**

Water wel1:	394615	State code:	22
Water wel2:	017-11648Z	Local well:	11648Z
Parish num:	017	Latitude:	322252
Identifica:	322252093400101	Sequence n:	01
Longitude:	934001	Well depth:	27
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	06/09		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Avail info:	W	Section:	003
Drillers 2:	574	Range:	13W
Township:	16N	Elevation:	159
Hole depth:	27	Water leve:	11.00
Quad num:	052A	Source of :	D
Date measu:	06/23/09	Date regis:	08/09
Date of ad:	2009-08-18	Plugged b1:	Not Reported
Date plugg:	Not Reported	Yield:	Not Reported
Plugged b2:	Not Reported	Casing di1:	2
Drawdown:	Not Reported	Screen di1:	2
Casing mat:	PLASTIC	Serial num:	Not Reported
Screen int:	17-27	Latitude d:	0
Owners num:	MW-4A		
Latitude m:	0	Longitude2:	0
Latitude s:	0		
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.66694444		
Y latdd:	32.38111111		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active	Site id:	LATD40000020512

**F31  
ESE  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000127393**

Water wel1:	394660	State code:	22
Water wel2:	017-11693Z	Local well:	11693Z
Parish num:	017	Latitude:	322239
Identifica:	322239093400701	Sequence n:	01
Longitude:	934007	Well depth:	65
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	10/09		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Avail info:	W	Section:	003
Drillers 2:	574	Range:	13W
Township:	16N	Elevation:	157
Hole depth:	70	Water leve:	15.00
Quad num:	052A	Source of :	D
Date measu:	10/06/09	Date regis:	10/09
Date of ad:	2009-10-28		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	2
Casing mat:	PLASTIC	Screen di1:	2
Screen int:	55-65	Serial num:	Not Reported
Owners num:	MW-11B	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.66861111		
Y latdd:	32.3775		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported	Casing len:	Not Reported
Casing di2:	Not Reported	Casing di3:	Not Reported
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADD0
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active	Site id:	LATD40000127393

H32  
ESE  
1/2 - 1 Mile  
Higher

LA WELLS      LATD40000020630



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	394620	State code:	22
Water wel2:	017-11653Z	Local well:	11653Z
Parish num:	017	Latitude:	322245
Identifica:	322245093400301	Sequence n:	01
Longitude:	934003	Well depth:	19
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	06/09	Revised lo:	Not Reported
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Bio analys:	Not Reported	Section:	003
Avail info:	W	Range:	13W
Drillers 2:	574	Elevation:	157
Township:	16N	Water leve:	11.00
Hole depth:	20	Source of :	D
Quad num:	052A	Date regis:	08/09
Date measu:	06/23/09	Plugged b1:	Not Reported
Date of ad:	2009-08-18	Yield:	Not Reported
Date plugg:	Not Reported	Casing di1:	2
Plugged b2:	Not Reported	Screen di1:	2
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	9-19	Longitude2:	0
Owners num:	MW-8A	Create use:	SONRIS_DBA
Latitude m:	0	Update use:	SONRIS_DBA
Latitude s:	0	Industria1:	Not Reported
Longitude1:	0	Replacemen:	Not Reported
Longitude3:	Not Reported	Public su1:	Not Reported
Create dat:	2010 720	Pumpdown c:	Not Reported
Update dat:	2012 130	Extension2:	Not Reported
Parish cod:	09	Screen typ:	Not Reported
Owner stat:	Not Reported	Ground eve:	Not Reported
Industria2:	Not Reported	Site city:	Not Reported
Public su2:	Not Reported	Site addre:	Not Reported
Extension1:	Not Reported	Authorize2:	0
Extension3:	Not Reported	Location l:	Not Reported
Gravel pac:	N	Cemented f:	Not Reported
Diameter o:	Not Reported	Slot size:	Not Reported
Site zip:	Not Reported	Pump setti:	Not Reported
Remarks:	Not Reported	Pump plan1:	0
Authorize1:	Not Reported	Pump plan3:	Not Reported
Heat pump1:	0	Yield meas:	Not Reported
Heat pump2:	Not Reported	Pump hour2:	0
Location m:	0	Pump deter:	Not Reported
Location c:	Not Reported	Pump test :	0
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0		
Pump motor:	Not Reported		
Pump plan2:	0		
Pump rate:	Not Reported		
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.6675		
Y latdd:	32.37916667		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active	Site id:	LATD40000020630

**33**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**LA WELLS      LATD40000020237**

Water wel1:	392086	State code:	22
Water wel2:	017-9117Z	Local well:	9117Z
Parish num:	017	Latitude:	322221
Identifica:	322221093405001	Sequence n:	01
Longitude:	934050	Well depth:	210
Owners nam:	DOSSETT, STAN	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	04/00		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	FOORD, WM. L.
Avail info:	W	Section:	038
Drillers 2:	283	Range:	13W
Township:	16N	Elevation:	150
Hole depth:	220	Water leve:	32.00
Quad num:	052C	Source of :	D
Date measu:	04/05/00	Date regis:	06/00
Date of ad:	2001-07-27	Plugged b1:	Not Reported
Date plugg:	Not Reported	Yield:	Not Reported
Plugged b2:	Not Reported	Casing di1:	4
Drawdown:	Not Reported	Screen di1:	4
Casing mat:	PLASTIC	Serial num:	Not Reported
Screen int:	130-210	Latitude d:	0
Owners num:	Not Reported		
Latitude m:	0	Longitude2:	0
Latitude s:	0		
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.68055556		
Y latdd:	32.3725		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD40000020237

**34  
SW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000020023**

Water wel1:	394583	State code:	22
Water wel2:	017-11616Z	Local well:	11616Z
Parish num:	017	Latitude:	322228
Identifica:	322228093411101	Sequence n:	00
Longitude:	934111	Well depth:	337
Owners nam:	TOBEY, SCOTT	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	03/08		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	COMPLETE
Avail info:	W	Section:	38
Drillers 2:	673	Range:	13W
Township:	16N	Elevation:	154
Hole depth:	337	Water leve:	90.00
Quad num:	52C	Source of :	D
Date measu:	03/19/08	Date regis:	08/09
Date of ad:	2009-08-04		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	317-337	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	2011 331	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.68638889		
Y latdd:	32.37444444	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADD0
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000020023
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active		

35  
ESE  
1/2 - 1 Mile  
Higher

LA WELLS    LATD40000177700



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	394618	State code:	22
Water wel2:	017-11651Z	Local well:	11651Z
Parish num:	017	Latitude:	322241
Identifica:	322241093400201	Sequence n:	01
Longitude:	934002	Well depth:	24
Owners nam:	CCS MIDSTREAM	Well subus:	Not Reported
Well use:	M	Geologic u:	00000000
Date compl:	06/09	Revised lo:	Not Reported
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	WALKER-HILL(CO)
Bio analys:	Not Reported	Section:	003
Avail info:	W	Range:	13W
Drillers 2:	574	Elevation:	156
Township:	16N	Water leve:	16.00
Hole depth:	24	Source of :	D
Quad num:	052A	Date regis:	08/09
Date measu:	06/23/09	Plugged b1:	Not Reported
Date of ad:	2009-08-18	Yield:	Not Reported
Date plugg:	Not Reported	Casing di1:	2
Plugged b2:	Not Reported	Screen di1:	2
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	14-24	Longitude2:	0
Owners num:	MW-6A	Create use:	SONRIS_DBA
Latitude m:	0	Update use:	SONRIS_DBA
Latitude s:	0	Industria1:	Not Reported
Longitude1:	0	Replacemen:	Not Reported
Longitude3:	Not Reported	Public su1:	Not Reported
Create dat:	2010 720	Pumpdown c:	Not Reported
Update dat:	2012 130	Extension2:	Not Reported
Parish cod:	09	Screen typ:	Not Reported
Owner stat:	Not Reported	Ground eve:	Not Reported
Industria2:	Not Reported	Site city:	Not Reported
Public su2:	Not Reported	Site addre:	Not Reported
Extension1:	Not Reported	Authorize2:	0
Extension3:	Not Reported	Location l:	Not Reported
Gravel pac:	N	Cemented f:	Not Reported
Diameter o:	Not Reported	Slot size:	Not Reported
Site zip:	Not Reported	Pump setti:	Not Reported
Remarks:	Not Reported	Pump plan1:	0
Authorize1:	Not Reported	Pump plan3:	Not Reported
Heat pump1:	0	Yield meas:	Not Reported
Heat pump2:	Not Reported	Pump hour2:	0
Location m:	0	Pump deter:	Not Reported
Location c:	Not Reported	Pump test :	0
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0		
Pump motor:	Not Reported		
Pump plan2:	0		
Pump rate:	Not Reported		
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.66722222		
Y latdd:	32.37805556		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	monitor		
Well statu:	Active	Site id:	LATD40000177700

**36**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**LA WELLS      LATD40000150126**

Water wel1:	393539		
Water wel2:	017-10569Z	State code:	22
Parish num:	017	Local well:	10569Z
Identifica:	322223093401601	Latitude:	322223
Longitude:	934016	Sequence n:	01
Owners nam:	J W OPERATING	Well depth:	80
Well use:	S	Well subus:	Not Reported
Date compl:	06/06	Geologic u:	112RRVA
Available :	Driller Log, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Not Reported
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	SCRUGGS, INC.
Drillers 2:	208	Section:	038
Township:	16N	Range:	13W
Hole depth:	80	Elevation:	153
Quad num:	052C	Water leve:	7.00
Date measu:	06/06/06	Source of :	D
Date of ad:	2006-10-11	Date regis:	06/06
Date plugg:	05/20/2011	Plugged b1:	Not Reported
Plugged b2:	208	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	60-80	Serial num:	233567
Owners num:	SMITH 14-5	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		
Create dat:	2010 720	Create use:	SONRIS_DBA
Update dat:	2012 130	Update use:	SONRIS_DBA
Parish cod:	09	Industria1:	Not Reported
Owner stat:	Not Reported	Replacemen:	Not Reported
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	Not Reported
Gravel pac:	N	Ground eve:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	JB		
Inspector :	Not Reported		
Inspection:	2011 723	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.67111111		
Y latdd:	32.37305556		
Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	GEORGE HAYWARD	Pa signat2:	2011 614
Pa details:	PLUGGED 4" WELL FROM BOTTOM TO TOP WITH 8 PORTLAND		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	RED RIVER ALLUVIAL AQUIFER		
Use descri:	oil/gas well rig supply		
Well statu:	Plugged and Abandoned	Site id:	LATD40000150126

**I37  
SW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000017207**

Water wel1:	389066	State code:	22
Water wel2:	017-6097Z	Local well:	6097Z
Parish num:	017	Latitude:	322228
Identifica:	322228093411901	Sequence n:	01
Longitude:	934119	Well depth:	240
Owners nam:	BASKIN, ROBERT	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	02/92		
Available :	Driller Log, Quality of Water, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Q
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	CONTINENTAL
Drillers 2:	004	Section:	015
Township:	16N	Range:	13W
Hole depth:	260	Elevation:	155
Quad num:	052C	Water leve:	75.20
Date measu:	02/05/92	Source of :	D
Date of ad:	1994-02-08	Date regis:	02/92

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	220-240	Serial num:	Not Reported
Owners num:	4	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.68861111		
Y latdd:	32.37444444	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADD0
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000017207
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active		

38  
ESE  
1/2 - 1 Mile  
Higher

LA WELLS      LATD40000020441



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	393975	State code:	22
Water wel2:	017-11005Z	Local well:	11005Z
Parish num:	017	Latitude:	322235
Identifica:	322235093400001	Sequence n:	01
Longitude:	934000	Well depth:	80
Owners nam:	J W OPERATING	Well subus:	Not Reported
Well use:	S	Geologic u:	00000000
Date compl:	10/07	Revised lo:	Not Reported
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	KEITHVILLE
Bio analys:	Not Reported	Section:	036
Avail info:	W	Range:	13W
Drillers 2:	018	Elevation:	151
Township:	16N	Water leve:	24.00
Hole depth:	80	Source of :	D
Quad num:	Not Reported	Date regis:	12/07
Date measu:	10/25/07	Plugged b1:	Not Reported
Date of ad:	2007-12-04	Yield:	Not Reported
Date plugg:	Not Reported	Casing di1:	4
Plugged b2:	Not Reported	Screen di1:	4
Drawdown:	Not Reported	Serial num:	236415
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	60-80		
Owners num:	SMITH 14-7	Longitude2:	0
Latitude m:	0		
Latitude s:	0	Create use:	SONRIS_DBA
Longitude1:	0	Update use:	SONRIS_DBA
Longitude3:	Not Reported	Industria1:	Not Reported
Create dat:	2010 720	Replacemen:	Not Reported
Update dat:	2012 130	Public su1:	Not Reported
Parish cod:	09	Pumpdown c:	Not Reported
Owner stat:	Not Reported	Extension2:	Not Reported
Industria2:	Not Reported	Screen typ:	Not Reported
Public su2:	Not Reported	Ground eve:	Not Reported
Extension1:	Not Reported	Site city:	Not Reported
Extension3:	Not Reported	Site addre:	Not Reported
Gravel pac:	N		
Diameter o:	Not Reported	Authorize2:	0
Site zip:	Not Reported	Location l:	Not Reported
Remarks:	Not Reported	Cemented f:	Not Reported
Authorize1:	Not Reported	Slot size:	Not Reported
Heat pump1:	0		
Heat pump2:	Not Reported	Pump setti:	Not Reported
Location m:	0	Pump plan1:	0
Location c:	Not Reported	Pump plan3:	Not Reported
Slot lengt:	Not Reported	Yield meas:	Not Reported
Inspector:	Not Reported	Pump hour2:	0
Inspector :	Not Reported	Pump deter:	Not Reported
Inspection:	0	Pump test :	0
Pump motor:	Not Reported		
Pump plan2:	0		
Pump rate:	Not Reported		
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.66666667		
Y latdd:	32.37638889		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	oil/gas well rig supply		
Well statu:	Active	Site id:	LATD40000020441

**I39  
SW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000016512**

Water wel1:	388858	State code:	22
Water wel2:	017-5889Z	Local well:	5889Z
Parish num:	017	Latitude:	322229
Identifica:	322229093412201	Sequence n:	01
Longitude:	934122	Well depth:	166
Owners nam:	BASKIN, ROBERT	Well subus:	PA
Well use:	H	Geologic u:	124WLCX
Date compl:	Not Reported	Revised lo:	Not Reported
Available :	Not Reported	Drill log:	Not Reported
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	UNKNOWN
Bio analys:	Not Reported	Section:	015
Avail info:	Not Reported	Range:	13W
Drillers 2:	000	Elevation:	155
Township:	16N	Water leve:	0.00
Hole depth:	166	Source of :	Not Reported
Quad num:	052C	Date regis:	Not Reported
Date measu:	Not Reported	Plugged b1:	CONTINENTAL
Date of ad:	1994-02-08	Yield:	Not Reported
Date plugg:	01/92	Casing di1:	4
Plugged b2:	004	Screen di1:	Not Reported
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	Not Reported	Latitude d:	0
Screen int:	Not Reported		
Owners num:	Not Reported	Longitude2:	0
Latitude m:	0		
Latitude s:	0	Create use:	SONRIS_DBA
Longitude1:	0	Update use:	SONRIS_DBA
Longitude3:	Not Reported	Industria1:	Not Reported
Create dat:	2010 720	Replacemen:	Not Reported
Update dat:	2012 130	Public su1:	Not Reported
Parish cod:	09	Pumpdown c:	Not Reported
Owner stat:	Not Reported	Extension2:	Not Reported
Industria2:	Not Reported	Screen typ:	Not Reported
Public su2:	Not Reported	Ground eve:	Not Reported
Extension1:	Not Reported		
Extension3:	Not Reported		
Gravel pac:	N		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.68944444		
Y latdd:	32.37472222		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	plugged and abandoned domestic		
Well statu:	Plugged and Abandoned	Site id:	LATD40000016512

**140  
SW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000017616**

Water wel1:	388886	State code:	22
Water wel2:	017-5917Z	Local well:	5917Z
Parish num:	017	Latitude:	322228
Identifica:	322228093412101	Sequence n:	01
Longitude:	934121	Well depth:	166
Owners nam:	BASKIN, ROBERT	Well subus:	PA
Well use:	H	Geologic u:	124WLCX
Date compl:	Not Reported		
Available :	Not Reported	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	Not Reported
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	UNKNOWN
Avail info:	Not Reported	Section:	015
Drillers 2:	000	Range:	13W
Township:	16N	Elevation:	155
Hole depth:	166	Water leve:	0.00
Quad num:	052C	Source of :	Not Reported
Date measu:	Not Reported	Date regis:	Not Reported
Date of ad:	1994-02-08		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	02/92	Plugged b1:	CONTINENTAL
Plugged b2:	004	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	Not Reported	Screen di1:	Not Reported
Screen int:	Not Reported	Serial num:	Not Reported
Owners num:	3	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.68916667		
Y latdd:	32.37444444	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADDO
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD4000017616
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	WILCOX AQUIFER		
Use descri:	plugged and abandoned domestic		
Well statu:	Plugged and Abandoned		

**J41**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**LA WELLS      LATD40000150530**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	394109	State code:	22
Water wel2:	017-11139Z	Local well:	11139Z
Parish num:	017	Latitude:	322220
Identifica:	322220093410900	Sequence n:	00
Longitude:	934109	Well depth:	230
Owners nam:	SLAUGHTER, JIMM	Well subus:	Not Reported
Well use:	H	Geologic u:	00000000
Date compl:	04/08	Revised lo:	Not Reported
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	CONTINENTAL
Bio analys:	Not Reported	Section:	038
Avail info:	W	Range:	13W
Drillers 2:	004	Elevation:	155
Township:	16N	Water leve:	42.00
Hole depth:	240	Source of :	D
Quad num:	052C	Date regis:	05/08
Date measu:	04/24/08	Plugged b1:	Not Reported
Date of ad:	2010-06-03	Yield:	Not Reported
Date plugg:	Not Reported	Casing di1:	4
Plugged b2:	Not Reported	Screen di1:	4
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	200-230	Longitude2:	0
Owners num:	1	Create use:	SONRIS_DBA
Latitude m:	0	Update use:	SONRIS_DBA
Latitude s:	0	Industria1:	Not Reported
Longitude1:	0	Replacemen:	Not Reported
Longitude3:	Not Reported	Public su1:	Not Reported
Create dat:	2010 720	Pumpdown c:	Not Reported
Update dat:	2012 130	Extension2:	Not Reported
Parish cod:	09	Screen typ:	Not Reported
Owner stat:	Not Reported	Ground eve:	Not Reported
Industria2:	Not Reported	Site city:	Not Reported
Public su2:	Not Reported	Site addre:	Not Reported
Extension1:	Not Reported	Authorize2:	0
Extension3:	Not Reported	Location l:	Not Reported
Gravel pac:	N	Cemented f:	Not Reported
Diameter o:	Not Reported	Slot size:	Not Reported
Site zip:	Not Reported	Pump setti:	Not Reported
Remarks:	Not Reported	Pump plan1:	0
Authorize1:	Not Reported	Pump plan3:	Not Reported
Heat pump1:	0	Yield meas:	Not Reported
Heat pump2:	Not Reported	Pump hour2:	0
Location m:	0	Pump deter:	Not Reported
Location c:	Not Reported	Pump test :	0
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0		
Pump motor:	Not Reported		
Pump plan2:	0		
Pump rate:	Not Reported		
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.68583333		
Y latdd:	32.37222222		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD40000150530

**42**  
**WSW**  
**1/2 - 1 Mile**  
**Lower**

**LA WELLS      LATD40000016920**

Water wel1:	388166	State code:	22
Water wel2:	017-5197Z	Local well:	5197Z
Parish num:	017	Latitude:	322244
Identifica:	322244093413301	Sequence n:	01
Longitude:	934133	Well depth:	300
Owners nam:	LORICK, JOHN	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	11/83		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	ARK-LA-TEX
Avail info:	W	Section:	016
Drillers 2:	023	Range:	13W
Township:	16N	Elevation:	Not Reported
Hole depth:	300	Water leve:	140.00
Quad num:	052A	Source of :	D
Date measu:	11/16/83	Date regis:	01/84
Date of ad:	1993-04-02	Plugged b1:	Not Reported
Date plugg:	Not Reported	Yield:	6
Plugged b2:	Not Reported	Casing di1:	4
Drawdown:	30	Screen di1:	Not Reported
Casing mat:	PLASTIC	Serial num:	Not Reported
Screen int:	Not Reported	Latitude d:	0
Owners num:	Not Reported		
Latitude m:	0	Longitude2:	0
Latitude s:	0		
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.6925		
Y latdd:	32.37888889		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD4000016920

**J43**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**LA WELLS      LATD40000188970**

Water wel1:	390771	State code:	22
Water wel2:	017-7802Z	Local well:	7802Z
Parish num:	017	Latitude:	322220
Identifica:	322220093411001	Sequence n:	01
Longitude:	934110	Well depth:	230
Owners nam:	BAKER, STEVE	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	03/94		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	CONTINENTAL
Avail info:	W	Section:	038
Drillers 2:	004	Range:	13W
Township:	16N	Elevation:	160
Hole depth:	238	Water leve:	63.90
Quad num:	052C	Source of :	D
Date measu:	03/30/94	Date regis:	04/94
Date of ad:	1995-04-27		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	5
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	200-230	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.68611111		
Y latdd:	32.37222222	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADDO
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000188970
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active		

**K44**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**LA WELLS      LATD40000145268**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	390536	State code:	22
Water wel2:	017-7567Z	Local well:	7567Z
Parish num:	017	Latitude:	322214
Identifica:	322214093404401	Sequence n:	01
Longitude:	934044	Well depth:	180
Owners nam:	DICKSON, PAUL	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	05/93	Revised lo:	Not Reported
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	CONTINENTAL
Bio analys:	Not Reported	Section:	038
Avail info:	W	Range:	13W
Drillers 2:	004	Elevation:	150
Township:	16N	Water leve:	59.10
Hole depth:	180	Source of :	D
Quad num:	052C	Date regis:	06/93
Date measu:	05/14/93	Plugged b1:	Not Reported
Date of ad:	1994-12-02	Yield:	Not Reported
Date plugg:	Not Reported	Casing di1:	5
Plugged b2:	Not Reported	Screen di1:	3
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	160-180	Longitude2:	0
Owners num:	Not Reported	Create use:	SONRIS_DBA
Latitude m:	0	Update use:	SONRIS_DBA
Latitude s:	0	Industria1:	Not Reported
Longitude1:	0	Replacemen:	Not Reported
Longitude3:	Not Reported	Public su1:	Not Reported
Create dat:	2010 720	Pumpdown c:	Not Reported
Update dat:	2012 130	Extension2:	Not Reported
Parish cod:	09	Screen typ:	Not Reported
Owner stat:	Not Reported	Ground eve:	Not Reported
Industria2:	Not Reported	Site city:	Not Reported
Public su2:	Not Reported	Site addre:	Not Reported
Extension1:	Not Reported	Authorize2:	0
Extension3:	Not Reported	Location l:	Not Reported
Gravel pac:	N	Cemented f:	Not Reported
Diameter o:	Not Reported	Slot size:	Not Reported
Site zip:	Not Reported	Pump setti:	Not Reported
Remarks:	Not Reported	Pump plan1:	0
Authorize1:	Not Reported	Pump plan3:	Not Reported
Heat pump1:	0	Yield meas:	Not Reported
Heat pump2:	Not Reported	Pump hour2:	0
Location m:	0	Pump deter:	Not Reported
Location c:	Not Reported	Pump test :	0
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0		
Pump motor:	Not Reported		
Pump plan2:	0		
Pump rate:	Not Reported		
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.67888889		
Y latdd:	32.37055556		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD40000145268

**K45**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS**

**USGS40000412682**

Org. Identifier:	USGS-LA		
Formal name:	USGS Louisiana Water Science Center		
Monloc Identifier:	USGS-322213093404701		
Monloc name:	Cd- 331		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	11140206	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	32.3704334
Longitude:	-93.6799001	Sourcemap scale:	62500
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	153.13
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Alluvial aquifers		
Formation type:	Red River Alluvial Aquifer		
Aquifer type:	Not Reported		
Construction date:	19561113	Welldepth:	64
Welldepth units:	ft	Wellholedepth:	66
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 335

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1989-03-23	10.70		1988-03-10	11.48	
1987-09-01	14.22		1987-08-04	13.70	
1987-07-07	12.80		1987-06-02	11.81	
1987-05-06	10.99		1987-04-06	9.78	
1987-03-04	8.37		1987-02-02	10.57	
1987-01-05	10.26		1986-12-03	11.54	
1986-11-03	14.05		1986-10-15	14.38	
1986-09-17	14.24		1986-08-06	13.49	
1986-06-30	12.23		1986-06-03	13.76	
1986-04-29	13.67		1986-04-09	13.55	
1986-03-11	13.15		1986-02-19	12.94	
1986-01-15	13.35		1985-12-17	13.08	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-11-19	14.22		1985-10-22	14.82	
1985-09-16	14.73		1985-08-12	14.29	
1985-07-15	13.72		1985-06-17	13.11	
1985-05-14	12.05		1985-04-08	11.89	
1985-03-05	12.77		1985-02-11	12.79	
1985-01-15	13.32		1984-12-06	13.41	
1984-11-16	13.28		1984-10-26	12.08	
1984-09-11	14.73		1984-08-06	14.33	
1984-07-16	14.01		1984-06-12	13.18	
1984-05-14	12.41		1984-04-16	12.32	
1984-03-06	12.27		1984-02-07	13.62	
1984-01-04	13.75		1983-12-06	14.55	
1983-11-01	15.10		1983-10-04	14.84	
1983-09-06	14.57		1983-08-02	13.77	
1983-07-05	13.05		1983-06-01	12.54	
1983-05-03	13.33		1983-04-07	12.83	
1983-02-01	14.42		1983-01-03	14.69	
1982-12-07	15.64		1982-11-02	16.46	
1982-10-04	16.68		1982-08-30	16.49	
1982-08-03	16.07		1982-06-29	15.59	
1982-06-01	15.08		1982-05-03	14.75	
1982-04-05	14.99		1982-03-02	15.21	
1982-02-01	15.53		1982-01-07	15.81	
1981-12-09	15.85		1981-11-09	15.80	
1981-10-13	16.23		1981-08-31	16.20	
1981-08-03	15.79		1981-07-07	15.18	
1981-06-02	15.65		1981-05-05	15.70	
1981-03-30	15.82		1981-03-03	15.60	
1981-02-04	15.88		1981-01-07	15.78	
1980-12-04	15.67		1980-11-10	15.83	
1980-10-07	15.52		1980-09-08	15.08	
1980-08-06	14.13		1980-07-01	12.92	
1980-06-04	11.91		1980-05-05	11.51	
1980-03-31	11.85		1980-03-04	12.31	
1980-02-04	12.69		1980-01-07	13.14	
1979-12-05	13.27		1979-11-05	13.84	
1979-09-28	13.50		1979-08-28	12.79	
1979-08-01	11.73		1979-07-02	12.23	
1979-06-06	10.80		1979-05-03	11.83	
1979-04-05	12.52		1979-03-16	13.18	
1979-02-13	14.10		1979-01-10	15.60	
1978-12-13	16.10		1978-10-31	16.63	
1978-08-15	16.40		1978-07-26	15.80	
1978-06-16	15.80		1978-05-12	15.30	
1978-04-12	15.40		1978-03-15	15.50	
1978-02-16	15.30		1978-01-12	15.80	
1977-12-18	15.70		1977-11-09	16.70	
1977-10-13	15.50		1977-08-09	14.90	
1977-07-12	14.50		1977-05-13	13.00	
1977-04-06	12.60		1977-03-10	13.00	
1977-02-06	13.50		1977-01-13	14.20	
1976-12-02	14.30		1976-11-09	14.20	
1976-10-07	13.90		1976-09-21	13.78	
1976-09-16	14.30		1976-08-13	13.30	
1976-07-26	13.00		1976-06-15	13.10	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1976-05-11	12.60		1976-04-06	11.80	
1976-03-30	11.60		1976-02-12	12.90	
1976-01-07	12.60		1975-12-03	12.50	
1975-11-05	12.40		1975-10-06	12.20	
1975-09-08	11.80		1975-08-04	10.60	
1975-07-09	10.00		1975-06-03	8.70	
1975-06-02	8.70		1975-05-23	8.20	
1975-04-03	8.90		1975-04-02	8.90	
1975-03-12	9.30		1975-02-12	9.20	
1975-02-11	9.20		1975-01-15	9.70	
1974-12-04	10.70		1974-12-03	10.70	
1974-11-05	11.30		1974-10-02	11.60	
1974-09-04	12.50		1974-08-06	12.40	
1974-07-02	11.90		1974-06-05	10.70	
1974-05-08	10.70		1974-04-03	10.10	
1974-03-06	9.70		1974-02-05	9.60	
1974-01-25	11.20		1973-12-06	12.30	
1973-11-14	12.50		1973-10-03	13.10	
1973-09-18	13.10		1973-08-02	12.70	
1973-07-10	12.70		1973-06-06	13.00	
1973-05-02	12.50		1973-04-25	12.60	
1973-04-03	13.10		1973-03-08	13.80	
1973-02-06	14.20		1973-01-10	14.70	
1972-12-13	15.20		1972-10-31	16.10	
1972-10-03	16.40		1972-09-06	16.30	
1972-08-01	15.90		1972-07-11	15.70	
1972-06-13	15.30		1972-05-02	14.50	
1972-04-04	14.30		1972-03-01	14.40	
1972-02-08	14.50		1972-01-13	14.60	
1971-12-27	15.20		1971-12-14	15.30	
1971-11-02	15.90		1971-10-05	15.80	
1971-09-08	15.60		1971-08-03	15.60	
1971-06-30	15.20		1971-06-02	14.80	
1971-05-04	14.40		1971-04-13	14.00	
1971-03-01	14.10		1971-02-01	14.40	
1971-01-05	14.20		1970-12-08	14.40	
1970-11-02	14.60		1970-09-29	14.90	
1970-09-01	14.60		1970-08-03	14.30	
1970-07-09	14.10		1970-06-01	13.40	
1970-05-04	13.20		1970-04-06	13.00	
1970-03-02	13.50		1970-02-02	13.80	
1970-01-05	13.80		1969-12-01	14.10	
1969-11-03	14.70		1969-10-06	14.50	
1969-09-02	14.00		1969-08-04	13.20	
1969-07-10	12.50		1969-06-09	11.30	
1969-05-01	10.60		1969-04-03	11.10	
1969-03-06	11.80		1969-02-03	12.40	
1969-01-06	12.40		1968-12-09	13.10	
1968-11-04	13.60		1968-10-07	13.30	
1968-09-09	13.40		1968-07-01	13.00	
1968-06-04	12.80		1968-05-06	13.20	
1968-04-04	13.80		1967-06-05	15.30	
1967-05-01	16.10		1967-04-03	15.60	
1967-03-06	15.50		1967-02-07	16.30	
1967-01-09	16.40		1966-12-05	16.00	



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1966-11-07	16.00		1966-10-04	15.80	
1966-09-06	15.70		1966-08-01	15.40	
1966-07-05	15.20		1966-06-06	14.40	
1966-05-31	14.40		1966-05-23	14.30	
1966-05-16	14.90		1966-05-13	14.30	
1966-05-12	14.40		1966-05-11	14.40	
1966-05-10	14.40		1966-05-09	14.40	
1966-05-06	14.40		1966-05-05	14.40	
1966-05-04	14.50		1966-05-03	14.30	
1966-04-04	15.40		1966-03-08	15.30	
1966-02-07	15.90		1966-01-03	16.30	
1965-12-06	16.20		1965-11-01	16.20	
1965-10-04	16.10		1965-09-07	15.90	
1965-08-02	15.30		1965-07-06	14.80	
1965-06-08	14.30		1965-05-03	14.30	
1965-04-19	14.20		1965-04-12	14.20	
1965-04-05	14.30		1965-03-29	14.70	
1965-03-22	14.60		1965-03-15	14.60	
1965-03-08	14.60		1965-03-01	14.70	
1965-02-23	14.80		1965-02-15	14.80	
1965-02-01	15.50		1965-01-04	15.70	
1964-12-07	15.90		1964-09-09	15.60	
1964-08-03	15.30		1964-07-06	14.90	
1964-06-01	14.80		1964-05-03	13.80	
1964-04-06	14.20		1964-03-03	14.50	
1964-02-03	14.70		1964-01-06	14.50	
1963-12-02	14.50		1963-10-07	14.30	
1963-09-03	13.90		1963-08-02	13.20	
1963-07-02	12.40		1963-06-04	11.54	
1963-05-03	10.27		1963-04-08	9.27	
1960-06-02	9.07		1960-05-04	8.00	
1960-03-09	6.40		1960-02-03	7.11	
1959-12-31	8.20		1959-12-01	9.34	
1959-11-03	9.69		1959-09-29	9.70	
1959-09-11	9.42		1959-07-29	8.36	
1959-04-27	5.97		1958-10-21	6.74	
1958-08-06	7.32		1958-06-28	4.04	
1958-06-13	7.07		1958-05-02	1.85	
1958-04-02	6.21		1958-02-28	6.44	
1958-02-01	6.14		1957-12-30	6.50	
1957-12-04	7.00		1957-10-31	9.57	
1957-08-06	10.64		1957-06-25	9.25	
1957-05-29	9.92		1957-04-29	10.07	
1957-03-25	11.58		1957-02-26	11.76	
1957-01-15	12.89		1956-12-21	12.85	
1956-11-19	12.95				

46  
WSW  
1/2 - 1 Mile  
Higher

LA WELLS      LATD40000016659

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	388173	State code:	22
Water wel2:	017-5204Z	Local well:	5204Z
Parish num:	017	Latitude:	322239
Identifica:	322239093413201	Sequence n:	01
Longitude:	934132	Well depth:	270
Owners nam:	THARPE, JIMMY G	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	03/84		
Available :	Driller Log, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Not Reported
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	ARK-LA-TEX
Drillers 2:	023	Section:	016
Township:	16N	Range:	13W
Hole depth:	270	Elevation:	Not Reported
Quad num:	052A	Water leve:	130.00
Date measu:	03/28/84	Source of :	D
Date of ad:	1993-04-05	Date regis:	04/84
Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	8
Drawdown:	30	Casing di1:	4
Casing mat:	PLASTIC	Screen di1:	1.50
Screen int:	180-270	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		
Create dat:	2010 720	Create use:	SONRIS_DBA
Update dat:	2012 130	Update use:	SONRIS_DBA
Parish cod:	09	Industria1:	Not Reported
Owner stat:	Not Reported	Replacemen:	Not Reported
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	Not Reported
Gravel pac:	N	Ground eve:	Not Reported
Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addre:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.69222222		
Y latdd:	32.3775		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD40000016659

**L47  
SSW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000017872**

Water wel1:	393848	State code:	22
Water wel2:	017-10878Z	Local well:	10878Z
Parish num:	017	Latitude:	322215
Identifica:	322215093405901	Sequence n:	01
Longitude:	934059	Well depth:	300
Owners nam:	CAMTERRA RESOUR	Well subus:	PA
Well use:	S	Geologic u:	00000000
Date compl:	08/07	Revised lo:	Not Reported
Available :	Driller Log	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	SCRUGGS, INC.
Bio analys:	Not Reported	Section:	015
Avail info:	Not Reported	Range:	13W
Drillers 2:	208	Elevation:	150
Township:	16N	Water leve:	0.00
Hole depth:	300	Source of :	Not Reported
Quad num:	Not Reported	Date regis:	09/07
Date measu:	Not Reported	Plugged b1:	SCRUGGS, INC.
Date of ad:	2007-09-11	Yield:	Not Reported
Date plugg:	08/07	Casing di1:	Not Reported
Plugged b2:	208	Screen di1:	Not Reported
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	Not Reported	Latitude d:	0
Screen int:	Not Reported		
Owners num:	CES	Longitude2:	0
Latitude m:	0		
Latitude s:	0	Create use:	SONRIS_DBA
Longitude1:	0	Update use:	SONRIS_DBA
Longitude3:	Not Reported	Industria1:	Not Reported
Create dat:	2010 720	Replacemen:	Not Reported
Update dat:	2012 130	Public su1:	Not Reported
Parish cod:	09	Pumpdown c:	Not Reported
Owner stat:	Not Reported	Extension2:	Not Reported
Industria2:	Not Reported	Screen typ:	Not Reported
Public su2:	Not Reported	Ground eve:	Not Reported
Extension1:	Not Reported		
Extension3:	Not Reported		
Gravel pac:	N		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.68305556		
Y latdd:	32.37083333		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[TO BE DETERMINED]		
Use descri:	plugged and abandoned rig supply		
Well statu:	Plugged and Abandoned	Site id:	LATD40000017872

**K48  
South  
1/2 - 1 Mile  
Lower**

**LA WELLS      LATD40000017739**

Water wel1:	387857	State code:	22
Water wel2:	017-824	Local well:	824
Parish num:	017	Latitude:	322213
Identifica:	322213093404301	Sequence n:	01
Longitude:	934043	Well depth:	61
Owners nam:	DICKSON, PAUL	Well subus:	Not Reported
Well use:	I	Geologic u:	112RRVA
Date compl:	05/93		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	CONTINENTAL
Avail info:	W	Section:	038
Drillers 2:	004	Range:	13W
Township:	16N	Elevation:	155
Hole depth:	65	Water leve:	7.10
Quad num:	052C	Source of :	D
Date measu:	05/21/93	Date regis:	06/93
Date of ad:	1996-08-06		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	600
Drawdown:	Not Reported	Casing di1:	10
Casing mat:	STEEL	Screen di1:	10
Screen int:	46-61	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.67861111		
Y latdd:	32.37027778	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADD0
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000017739
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	RED RIVER ALLUVIAL AQUIFER		
Use descri:	irrigation		
Well statu:	Active		

**K49**  
**South**  
**1/2 - 1 Mile**  
**Lower**

**LA WELLS      LATD40000191676**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	387357	State code:	22
Water wel2:	017-331	Local well:	331
Parish num:	017	Latitude:	322213
Identifica:	322213093404701	Sequence n:	01
Longitude:	934047	Well depth:	64
Owners nam:	U S GEOL SURVEY	Well subus:	W
Well use:	O	Geologic u:	112RRVA
Date compl:	11/56	Driller Log, Quality of Water, Water Level	
Available :	Driller Log, Quality of Water, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Q
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	U.S.G.S.
Avail info:	W	Section:	038
Drillers 2:	002	Range:	13W
Township:	16N	Elevation:	153
Hole depth:	66	Water leve:	12.95
Quad num:	Not Reported	Source of :	A
Date measu:	11/19/56	Date regis:	Not Reported
Date of ad:	1992-08-06	Plugged b1:	Not Reported
Date plugg:	Not Reported	Yield:	Not Reported
Plugged b2:	Not Reported	Casing di1:	1.25
Drawdown:	Not Reported	Screen di1:	1.25
Casing mat:	METAL	Serial num:	Not Reported
Screen int:	61-64	Latitude d:	0
Owners num:	Not Reported		
Latitude m:	0	Longitude2:	0
Latitude s:	0		
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.67972222		
Y latdd:	32.37027778		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	RED RIVER ALLUVIAL AQUIFER		
Use descri:	water level observation		
Well statu:	Active	Site id:	LATD40000191676

**50  
NW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000124689**

Water wel1:	388645	State code:	22
Water wel2:	017-5676Z	Local well:	5676Z
Parish num:	017	Latitude:	322336
Identifica:	322336093411601	Sequence n:	01
Longitude:	934116	Well depth:	90
Owners nam:	SAWYER DRLG	Well subus:	PA
Well use:	S	Geologic u:	124WLCX
Date compl:	08/85	Revised lo:	Not Reported
Available :	Driller Log	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	TALLEY, JOHN L.
Bio analys:	Not Reported	Section:	010
Avail info:	Not Reported	Range:	13W
Drillers 2:	006	Elevation:	162
Township:	16N	Water leve:	0.00
Hole depth:	90	Source of :	Not Reported
Quad num:	052	Date regis:	09/86
Date measu:	Not Reported	Plugged b1:	SCRUGGS, INC.
Date of ad:	1995-01-24	Yield:	Not Reported
Date plugg:	09/86	Casing di1:	4
Plugged b2:	208	Screen di1:	4
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	50-90		
Owners num:	WEBB 1	Longitude2:	0
Latitude m:	0		
Latitude s:	0	Create use:	SONRIS_DBA
Longitude1:	0	Update use:	SONRIS_DBA
Longitude3:	Not Reported	Industria1:	Not Reported
Create dat:	2010 720	Replacemen:	Not Reported
Update dat:	2012 130	Public su1:	Not Reported
Parish cod:	09	Pumpdown c:	Not Reported
Owner stat:	Not Reported	Extension2:	Not Reported
Industria2:	Not Reported	Screen typ:	Not Reported
Public su2:	Not Reported	Ground eve:	Not Reported
Extension1:	Not Reported		
Extension3:	Not Reported		
Gravel pac:	N		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.68777778		
Y latdd:	32.39333333		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	plugged and abandoned rig supply		
Well statu:	Plugged and Abandoned	Site id:	LATD40000124689

**M51  
SW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000018312**

Water wel1:	391752	State code:	22
Water wel2:	017-8783Z	Local well:	8783Z
Parish num:	017	Latitude:	322229
Identifica:	322229093412601	Sequence n:	01
Longitude:	934126	Well depth:	245
Owners nam:	MCFADDEN, WILL	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	10/98		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	HARDIN
Avail info:	W	Section:	015
Drillers 2:	062	Range:	13W
Township:	16N	Elevation:	155
Hole depth:	245	Water leve:	100.00
Quad num:	052C	Source of :	D
Date measu:	10/06/98	Date regis:	11/98
Date of ad:	2001-07-27		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	205-245	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.69055556		
Y latdd:	32.37472222	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADDO
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000018312
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active		

52  
ESE  
1/2 - 1 Mile  
Higher

LA WELLS    LATD40000183123

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	388147	State code:	22
Water wel2:	017-5178Z	Local well:	5178Z
Parish num:	017	Latitude:	322240
Identifica:	322240093395201	Sequence n:	01
Longitude:	933952	Well depth:	90
Owners nam:	SAWYER DRLG	Well subus:	PA
Well use:	S	Geologic u:	124WLCX
Date compl:	11/84		
Available :	Driller Log	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	TALLEY, JOHN L.
Avail info:	Not Reported	Section:	014
Drillers 2:	006	Range:	13W
Township:	16N	Elevation:	156
Hole depth:	90	Water leve:	0.00
Quad num:	052	Source of :	Not Reported
Date measu:	Not Reported	Date regis:	01/85
Date of ad:	1995-01-24	Plugged b1:	SCRUGGS, INC.
Date plugg:	09/86	Yield:	Not Reported
Plugged b2:	208	Casing di1:	4
Drawdown:	Not Reported	Screen di1:	4
Casing mat:	PLASTIC	Serial num:	Not Reported
Screen int:	50-90	Latitude d:	0
Owners num:	EGAN 1		
Latitude m:	0	Longitude2:	0
Latitude s:	0		
Longitude1:	0	Create use:	SONRIS_DBA
Longitude3:	Not Reported	Update use:	SONRIS_DBA
Create dat:	2010 720	Industria1:	Not Reported
Update dat:	2012 130	Replacemen:	Not Reported
Parish cod:	09	Public su1:	Not Reported
Owner stat:	Not Reported	Pumpdown c:	Not Reported
Industria2:	Not Reported	Extension2:	Not Reported
Public su2:	Not Reported	Screen typ:	Not Reported
Extension1:	Not Reported	Ground eve:	Not Reported
Extension3:	Not Reported	Site city:	Not Reported
Gravel pac:	N	Site addre:	Not Reported
Diameter o:	Not Reported		
Site zip:	Not Reported	Authorize2:	0
Remarks:	Not Reported		
Authorize1:	Not Reported	Location l:	Not Reported
Heat pump1:	0		
Heat pump2:	Not Reported	Cemented f:	Not Reported
Location m:	0	Slot size:	Not Reported
Location c:	Not Reported		
Slot lengt:	Not Reported	Pump setti:	Not Reported
Inspector:	Not Reported	Pump plan1:	0
Inspector :	Not Reported	Pump plan3:	Not Reported
Inspection:	0	Yield meas:	Not Reported
Pump motor:	Not Reported	Pump hour2:	0
Pump plan2:	0	Pump deter:	Not Reported
Pump rate:	Not Reported	Pump test :	0
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.66444444		
Y latdd:	32.37777778		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	plugged and abandoned rig supply		
Well statu:	Plugged and Abandoned	Site id:	LATD40000183123

**M53  
SW  
1/2 - 1 Mile  
Lower**

**LA WELLS**

**LATD40000018649**

Water wel1:	391219	State code:	22
Water wel2:	017-8250Z	Local well:	8250Z
Parish num:	017	Latitude:	322225
Identifica:	322225093412501	Sequence n:	01
Longitude:	934125	Well depth:	240
Owners nam:	SMITH, JIMMY DR	Well subus:	PA
Well use:	B	Geologic u:	11200NWM
Date compl:	Not Reported	Revised lo:	Not Reported
Available :	Not Reported	Drill log:	Not Reported
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	CONTINENTAL
Bio analys:	Not Reported	Section:	038
Avail info:	Not Reported	Range:	13W
Drillers 2:	004	Elevation:	150
Township:	16N	Water leve:	0.00
Hole depth:	240	Source of :	Not Reported
Quad num:	052C	Date regis:	06/96
Date measu:	Not Reported	Plugged b1:	CONTINENTAL
Date of ad:	1998-03-30	Yield:	Not Reported
Date plugg:	05/96	Casing di1:	Not Reported
Plugged b2:	004	Screen di1:	Not Reported
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	Not Reported	Latitude d:	0
Screen int:	Not Reported		
Owners num:	Not Reported	Longitude2:	0
Latitude m:	0		
Latitude s:	0	Create use:	SONRIS_DBA
Longitude1:	0	Update use:	SONRIS_DBA
Longitude3:	Not Reported	Industria1:	Not Reported
Create dat:	2010 720	Replacemen:	Not Reported
Update dat:	2012 130	Public su1:	Not Reported
Parish cod:	09	Pumpdown c:	Not Reported
Owner stat:	Not Reported	Extension2:	Not Reported
Industria2:	Not Reported	Screen typ:	Not Reported
Public su2:	Not Reported	Ground eve:	Not Reported
Extension1:	Not Reported		
Extension3:	Not Reported		
Gravel pac:	N		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.69027778		
Y latdd:	32.37361111		
Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	[NO WELL MADE]		
Use descri:	plugged and abandoned borehole		
Well statu:	Plugged and Abandoned	Site id:	LATD4000018649

**54  
SE  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000178207**

Water wel1:	393113	State code:	22
Water wel2:	017-10143Z	Local well:	10143Z
Parish num:	017	Latitude:	322226
Identifica:	322226093400101	Sequence n:	01
Longitude:	934001	Well depth:	80
Owners nam:	J W OPERATING	Well subus:	Not Reported
Well use:	S	Geologic u:	112RRVA
Date compl:	02/05		
Available :	Driller Log, Water Level	Revised lo:	934001
Revised la:	322626	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	KEITHVILLE
Avail info:	W	Section:	003
Drillers 2:	018	Range:	13W
Township:	16N	Elevation:	0164
Hole depth:	80	Water leve:	8.00
Quad num:	052C	Source of :	D
Date measu:	02/25/05	Date regis:	06/05
Date of ad:	2005-08-08		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	10/03/2013	Plugged b1:	Not Reported
Plugged b2:	208	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	60-80	Serial num:	230917
Owners num:	SMITH 14-2	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	TERITH
Update dat:	2014 4 3	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	RJF/PAA	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	2014 324	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	20131018
X longdd:	-93.66694444	Pa details:	USING TREMMIE PIPE, PLUGGED WELL FROM BOTTOM TO TOP WITH 8 PORTLAND
Y latdd:	32.37388889	Casing di2:	Not Reported
Pump down :	Not Reported	Contact:	Not Reported
Pa remarks:	Not Reported	Screen di2:	Not Reported
Pa signat1:	GEORGE HAYWARD	Wwo seq nu:	0
Casing di2:	Not Reported	Screen di3:	Not Reported
Contact:	Not Reported	Aquifer na:	RED RIVER ALLUVIAL AQUIFER
Screen di2:	Not Reported	Use descri:	oil/gas well rig supply
Wwo seq nu:	0	Well statu:	Plugged and Abandoned
Screen di3:	Not Reported	Site id:	LATD40000178207
Aquifer na:	RED RIVER ALLUVIAL AQUIFER		
Use descri:	oil/gas well rig supply		
Well statu:	Plugged and Abandoned		

**N55  
SSW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000186624**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	390586	State code:	22
Water wel2:	017-7617Z	Local well:	7617Z
Parish num:	017	Latitude:	322217
Identifica:	322217093411401	Sequence n:	01
Longitude:	934114	Well depth:	220
Owners nam:	FOLKS, GARY	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	06/93		
Available :	Driller Log, Water Level		
Revised Ia:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Not Reported
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	PRESLEY, ROGER
Drillers 2:	102	Section:	038
Township:	16N	Range:	13W
Hole depth:	220	Elevation:	165
Quad num:	052C	Water leve:	70.00
Date measu:	06/03/93	Source of :	D
Date of ad:	1994-12-02	Date regis:	07/93
Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4X4X4X4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	MULTIPLE	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		
Create dat:	2010 720	Create use:	SONRIS_DBA
Update dat:	2012 130	Update use:	SONRIS_DBA
Parish cod:	09	Industria1:	Not Reported
Owner stat:	Not Reported	Replacemen:	Not Reported
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	Not Reported
Gravel pac:	N	Ground eve:	Not Reported
Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addre:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.68722222		
Y latdd:	32.37138889		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD40000186624

**56**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**LA WELLS      LATD40000195489**

Water wel1:	393429		
Water wel2:	017-10459Z	State code:	22
Parish num:	017	Local well:	10459Z
Identifica:	322215093401701	Latitude:	322215
Longitude:	934017	Sequence n:	01
Owners nam:	J W OPERATING	Well depth:	60
Well use:	S	Well subus:	Not Reported
Date compl:	12/05	Geologic u:	112RRVA
Available :	Driller Log, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Not Reported
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	KEITHVILLE
Drillers 2:	018	Section:	038
Township:	16N	Range:	13W
Hole depth:	60	Elevation:	153
Quad num:	052C	Water leve:	10.00
Date measu:	12/28/05	Source of :	D
Date of ad:	2006-04-06	Date regis:	02/06
Date plugg:	05/20/2011	Plugged b1:	Not Reported
Plugged b2:	208	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	40-60	Serial num:	232527
Owners num:	JETER 14-1	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		
Create dat:	2010 720	Create use:	SONRIS_DBA
Update dat:	2012 130	Update use:	SONRIS_DBA
Parish cod:	09	Industria1:	Not Reported
Owner stat:	Not Reported	Replacemen:	Not Reported
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	Not Reported
Gravel pac:	N	Ground eve:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	JB		
Inspector :	Not Reported		
Inspection:	2011 723	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.67138889		
Y latdd:	32.37083333		
Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	GEORGE HAYWARD	Pa signat2:	2011 614
Pa details:	PLUGGED 4" WELL FROM BOTTOM TO TOP WITH 9 PORTLAND		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	RED RIVER ALLUVIAL AQUIFER		
Use descri:	oil/gas well rig supply		
Well statu:	Plugged and Abandoned	Site id:	LATD40000195489

**L57**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**LA WELLS      LATD40000016848**

Water wel1:	389742	State code:	22
Water wel2:	017-6773Z	Local well:	6773Z
Parish num:	017	Latitude:	322212
Identifica:	322212093410202	Sequence n:	02
Longitude:	934102	Well depth:	126
Owners nam:	WEBB, CREIGHTON	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	09/90		
Available :	Driller Log, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Not Reported
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	CONTINENTAL
Drillers 2:	004	Section:	038
Township:	16N	Range:	13W
Hole depth:	135	Elevation:	172
Quad num:	052C	Water leve:	76.50
Date measu:	09/11/90	Source of :	D
Date of ad:	1992-09-24	Date regis:	09/90



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	18-126	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.68388889		
Y latdd:	32.37	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADDO
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000016848
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active		

L58  
SSW  
1/2 - 1 Mile  
Higher

LA WELLS      LATD40000143671

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	389741	State code:	22
Water wel2:	017-6772Z	Local well:	6772Z
Parish num:	017	Latitude:	322212
Identifica:	322212093410201	Sequence n:	01
Longitude:	934102	Well depth:	130
Owners nam:	WEBB, CREIGHTON	Well subus:	PA
Well use:	H	Geologic u:	124WLCX
Date compl:	1970		
Available :	Not Reported	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	Not Reported
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	BRUMMETT, W M
Avail info:	Not Reported	Section:	038
Drillers 2:	000	Range:	13W
Township:	16N	Elevation:	172
Hole depth:	130	Water leve:	0.00
Quad num:	052C	Source of :	Not Reported
Date measu:	Not Reported	Date regis:	Not Reported
Date of ad:	1993-08-09	Plugged b1:	CONTINENTAL
Date plugg:	09/90	Yield:	Not Reported
Plugged b2:	004	Casing di1:	4
Drawdown:	Not Reported	Screen di1:	Not Reported
Casing mat:	Not Reported	Serial num:	Not Reported
Screen int:	Not Reported	Latitude d:	0
Owners num:	Not Reported		
Latitude m:	0	Longitude2:	0
Latitude s:	0		
Longitude1:	0	Create use:	SONRIS_DBA
Longitude3:	Not Reported	Update use:	SONRIS_DBA
Create dat:	2010 720	Industria1:	Not Reported
Update dat:	2012 130	Replacemen:	Not Reported
Parish cod:	09	Public su1:	Not Reported
Owner stat:	Not Reported	Pumpdown c:	Not Reported
Industria2:	Not Reported	Extension2:	Not Reported
Public su2:	Not Reported	Screen typ:	Not Reported
Extension1:	Not Reported	Ground eve:	Not Reported
Extension3:	Not Reported	Site city:	Not Reported
Gravel pac:	N	Site addre:	Not Reported
Diameter o:	Not Reported		
Site zip:	Not Reported	Authorize2:	0
Remarks:	Not Reported		
Authorize1:	Not Reported	Location l:	Not Reported
Heat pump1:	0		
Heat pump2:	Not Reported	Cemented f:	Not Reported
Location m:	0	Slot size:	Not Reported
Location c:	Not Reported		
Slot lengt:	Not Reported	Pump setti:	Not Reported
Inspector:	Not Reported	Pump plan1:	0
Inspector :	Not Reported	Pump plan3:	Not Reported
Inspection:	0	Yield meas:	Not Reported
Pump motor:	Not Reported	Pump hour2:	0
Pump plan2:	0	Pump deter:	Not Reported
Pump rate:	Not Reported	Pump test :	0
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.68388889		
Y latdd:	32.37		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	plugged and abandoned domestic		
Well statu:	Plugged and Abandoned	Site id:	LATD40000143671

**N59  
SSW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000016424**

Water wel1:	390480		
Water wel2:	017-7511Z	State code:	22
Parish num:	017	Local well:	7511Z
Identifica:	322216093411402	Latitude:	322216
Longitude:	934114	Sequence n:	02
Owners nam:	FOSTER, SHELIA	Well depth:	260
Well use:	H	Well subus:	Not Reported
Date compl:	03/93	Geologic u:	124WLCX
Available :	Driller Log, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Not Reported
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	PRESLEY, ROGER
Drillers 2:	102	Section:	038
Township:	16N	Range:	13W
Hole depth:	260	Elevation:	170
Quad num:	052C	Water leve:	100.00
Date measu:	03/08/93	Source of :	D
Date of ad:	1994-12-02	Date regis:	04/93
Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4X4X4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	MULTIPLE	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		
Create dat:	2010 720	Create use:	SONRIS_DBA
Update dat:	2012 130	Update use:	SONRIS_DBA
Parish cod:	09	Industria1:	Not Reported
Owner stat:	Not Reported	Replacemen:	Not Reported
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	Not Reported
Gravel pac:	N	Ground eve:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.68722222		
Y latdd:	32.37111111		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD4000016424

**N60  
SSW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000127586**

Water wel1:	390450	State code:	22
Water wel2:	017-7481Z	Local well:	7481Z
Parish num:	017	Latitude:	322216
Identifica:	322216093411401	Sequence n:	01
Longitude:	934114	Well depth:	204
Owners nam:	BROWN, STEVE	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	10/92		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	PRESLEY, ROGER
Avail info:	W	Section:	015
Drillers 2:	102	Range:	13W
Township:	16N	Elevation:	190
Hole depth:	204	Water leve:	105.00
Quad num:	052C	Source of :	D
Date measu:	10/27/92	Date regis:	03/93
Date of ad:	1994-12-08		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4X4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	138-180	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.68722222		
Y latdd:	32.37111111		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported	Casing len:	Not Reported
Casing di2:	Not Reported	Casing di3:	Not Reported
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0	Parish nam:	CADD0
Screen di3:	Not Reported		
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic	Site id:	LATD40000127586
Well statu:	Active		

**M61  
SW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000094827**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	391216	State code:	22
Water wel2:	017-8247Z	Local well:	8247Z
Parish num:	017	Latitude:	322225
Identifica:	322225093412701	Sequence n:	01
Longitude:	934127	Well depth:	58
Owners nam:	SMITH, JIMMY DR	Well subus:	Not Reported
Well use:	H	Geologic u:	112RRVA
Date compl:	05/96	Revised lo:	Not Reported
Available :	Driller Log, Water Level	Drill log:	D
Revised la:	Not Reported	Chem analy:	Not Reported
Elec log:	Not Reported	Pump test:	Not Reported
Mechanic a:	Not Reported	Drillers 1:	CONTINENTAL
Bio analys:	Not Reported	Section:	038
Avail info:	W	Range:	13W
Drillers 2:	004	Elevation:	150
Township:	16N	Water leve:	15.25
Hole depth:	63	Source of :	D
Quad num:	052C	Date regis:	06/96
Date measu:	05/31/96	Plugged b1:	Not Reported
Date of ad:	1996-09-10	Yield:	Not Reported
Date plugg:	Not Reported	Casing di1:	5
Plugged b2:	Not Reported	Screen di1:	5
Drawdown:	Not Reported	Serial num:	Not Reported
Casing mat:	PLASTIC	Latitude d:	0
Screen int:	48-58	Longitude2:	0
Owners num:	Not Reported	Create use:	SONRIS_DBA
Latitude m:	0	Update use:	SONRIS_DBA
Latitude s:	0	Industria1:	Not Reported
Longitude1:	0	Replacemen:	Not Reported
Longitude3:	Not Reported	Public su1:	Not Reported
Create dat:	2010 720	Pumpdown c:	Not Reported
Update dat:	2012 130	Extension2:	Not Reported
Parish cod:	09	Screen typ:	Not Reported
Owner stat:	Not Reported	Ground eve:	Not Reported
Industria2:	Not Reported	Site city:	Not Reported
Public su2:	Not Reported	Site addre:	Not Reported
Extension1:	Not Reported	Authorize2:	0
Extension3:	Not Reported	Location l:	Not Reported
Gravel pac:	N	Cemented f:	Not Reported
Diameter o:	Not Reported	Slot size:	Not Reported
Site zip:	Not Reported	Pump setti:	Not Reported
Remarks:	Not Reported	Pump plan1:	0
Authorize1:	Not Reported	Pump plan3:	Not Reported
Heat pump1:	0	Yield meas:	Not Reported
Heat pump2:	Not Reported	Pump hour2:	0
Location m:	0	Pump deter:	Not Reported
Location c:	Not Reported	Pump test :	0
Slot lengt:	Not Reported		
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0		
Pump motor:	Not Reported		
Pump plan2:	0		
Pump rate:	Not Reported		
Pump hour1:	0		
Pump stati:	Not Reported		
Pump groun:	Not Reported		
X longdd:	-93.69083333		
Y latdd:	32.37361111		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	RED RIVER ALLUVIAL AQUIFER		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD40000094827

**62  
SSW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000190427**

Water wel1:	388038		
Water wel2:	017-5069Z	State code:	22
Parish num:	017	Local well:	5069Z
Identifica:	322211093410301	Latitude:	322211
Longitude:	934103	Sequence n:	01
Owners nam:	ROBERT, ROBERT	Well depth:	201
Well use:	H	Well subus:	Not Reported
Date compl:	03/81	Geologic u:	124WLCX
Available :	Driller Log, Quality of Water, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Q
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	BRUMMETT W M
Drillers 2:	000	Section:	038
Township:	16N	Range:	13W
Hole depth:	201	Elevation:	Not Reported
Quad num:	Not Reported	Water leve:	90.00
Date measu:	03/00/81	Source of :	D
Date of ad:	1996-12-30	Date regis:	Not Reported
Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	10
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	STEEL	Screen di1:	1.50
Screen int:	138-197	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		
Create dat:	2010 720	Create use:	SONRIS_DBA
Update dat:	2012 130	Update use:	SONRIS_DBA
Parish cod:	09	Industria1:	Not Reported
Owner stat:	Not Reported	Replacemen:	Not Reported
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	Not Reported
Gravel pac:	N	Ground eve:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addr:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.68416667		
Y latdd:	32.36972222		
Pump down :	Not Reported		
Pa remarks:	Not Reported	Pa signat2:	0
Pa signat1:	Not Reported		
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD40000190427

**N63  
SSW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000145485**

Water wel1:	392572	State code:	22
Water wel2:	017-9602Z	Local well:	9602Z
Parish num:	017	Latitude:	322214
Identifica:	322214093411501	Sequence n:	01
Longitude:	934115	Well depth:	93
Owners nam:	GASKINS, GARY	Well subus:	Not Reported
Well use:	H	Geologic u:	112RRVA
Date compl:	05/02		
Available :	Driller Log, Water Level	Revised lo:	Not Reported
Revised la:	Not Reported	Drill log:	D
Elec log:	Not Reported	Chem analy:	Not Reported
Mechanic a:	Not Reported	Pump test:	Not Reported
Bio analys:	Not Reported	Drillers 1:	FOORD, WM. L.
Avail info:	W	Section:	015
Drillers 2:	283	Range:	13W
Township:	16N	Elevation:	179
Hole depth:	100	Water leve:	38.00
Quad num:	052C	Source of :	D
Date measu:	05/02/02	Date regis:	06/02
Date of ad:	2002-09-10		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	83-93	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0	Longitude2:	0
Longitude1:	0		
Longitude3:	Not Reported	Create use:	SONRIS_DBA
Create dat:	2010 720	Update use:	SONRIS_DBA
Update dat:	2012 130	Industria1:	Not Reported
Parish cod:	09	Replacemen:	Not Reported
Owner stat:	Not Reported	Public su1:	Not Reported
Industria2:	Not Reported	Pumpdown c:	Not Reported
Public su2:	Not Reported	Extension2:	Not Reported
Extension1:	Not Reported	Screen typ:	Not Reported
Extension3:	Not Reported	Ground eve:	Not Reported
Gravel pac:	N	Site city:	Not Reported
Diameter o:	Not Reported	Site addre:	Not Reported
Site zip:	Not Reported		
Remarks:	Not Reported	Authorize2:	0
Authorize1:	Not Reported		
Heat pump1:	0	Location l:	Not Reported
Heat pump2:	Not Reported		
Location m:	0	Cemented f:	Not Reported
Location c:	Not Reported	Slot size:	Not Reported
Slot lengt:	Not Reported		
Inspector:	Not Reported	Pump setti:	Not Reported
Inspector :	Not Reported	Pump plan1:	0
Inspection:	0	Pump plan3:	Not Reported
Pump motor:	Not Reported	Yield meas:	Not Reported
Pump plan2:	0	Pump hour2:	0
Pump rate:	Not Reported	Pump deter:	Not Reported
Pump hour1:	0	Pump test :	0
Pump stati:	Not Reported		
Pump groun:	Not Reported	Pa signat2:	0
X longdd:	-93.6875		
Y latdd:	32.37055556	Casing len:	Not Reported
Pump down :	Not Reported	Casing di3:	Not Reported
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Parish nam:	CADDO
Pa details:	Not Reported		
Casing di2:	Not Reported	Site id:	LATD40000145485
Contact:	Not Reported		
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported		
Aquifer na:	RED RIVER ALLUVIAL AQUIFER		
Use descri:	domestic		
Well statu:	Active		

**N64  
SSW  
1/2 - 1 Mile  
Higher**

**LA WELLS      LATD40000118722**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water wel1:	389384	State code:	22
Water wel2:	017-6415Z	Local well:	6415Z
Parish num:	017	Latitude:	322213
Identifica:	322213093411301	Sequence n:	01
Longitude:	934113	Well depth:	115
Owners nam:	FULLILOVE, JACK	Well subus:	Not Reported
Well use:	H	Geologic u:	124WLCX
Date compl:	06/89		
Available :	Driller Log, Water Level		
Revised la:	Not Reported	Revised lo:	Not Reported
Elec log:	Not Reported	Drill log:	D
Mechanic a:	Not Reported	Chem analy:	Not Reported
Bio analys:	Not Reported	Pump test:	Not Reported
Avail info:	W	Drillers 1:	ARK-LA-TEX
Drillers 2:	023	Section:	038
Township:	16N	Range:	13W
Hole depth:	115	Elevation:	200
Quad num:	052C	Water leve:	45.00
Date measu:	06/05/89	Source of :	D
Date of ad:	1990-02-13	Date regis:	06/89
Date plugg:	Not Reported	Plugged b1:	Not Reported
Plugged b2:	Not Reported	Yield:	Not Reported
Drawdown:	Not Reported	Casing di1:	4
Casing mat:	PLASTIC	Screen di1:	4
Screen int:	100-115	Serial num:	Not Reported
Owners num:	Not Reported	Latitude d:	0
Latitude m:	0		
Latitude s:	0		
Longitude1:	0	Longitude2:	0
Longitude3:	Not Reported		
Create dat:	2010 720	Create use:	SONRIS_DBA
Update dat:	2012 130	Update use:	SONRIS_DBA
Parish cod:	09	Industria1:	Not Reported
Owner stat:	Not Reported	Replacemen:	Not Reported
Industria2:	Not Reported	Public su1:	Not Reported
Public su2:	Not Reported	Pumpdown c:	Not Reported
Extension1:	Not Reported	Extension2:	Not Reported
Extension3:	Not Reported	Screen typ:	Not Reported
Gravel pac:	N	Ground eve:	Not Reported
Diameter o:	Not Reported	Site city:	Not Reported
Site zip:	Not Reported	Site addre:	Not Reported
Remarks:	Not Reported		
Authorize1:	Not Reported	Authorize2:	0
Heat pump1:	0		
Heat pump2:	Not Reported	Location l:	Not Reported
Location m:	0		
Location c:	Not Reported	Cemented f:	Not Reported
Slot lengt:	Not Reported	Slot size:	Not Reported
Inspector:	Not Reported		
Inspector :	Not Reported		
Inspection:	0	Pump setti:	Not Reported
Pump motor:	Not Reported	Pump plan1:	0
Pump plan2:	0	Pump plan3:	Not Reported
Pump rate:	Not Reported	Yield meas:	Not Reported
Pump hour1:	0	Pump hour2:	0
Pump stati:	Not Reported	Pump deter:	Not Reported
Pump groun:	Not Reported	Pump test :	0
X longdd:	-93.68694444		
Y latdd:	32.37027778		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump down :	Not Reported		
Pa remarks:	Not Reported		
Pa signat1:	Not Reported	Pa signat2:	0
Pa details:	Not Reported		
Casing di2:	Not Reported	Casing len:	Not Reported
Contact:	Not Reported	Casing di3:	Not Reported
Screen di2:	Not Reported		
Wwo seq nu:	0		
Screen di3:	Not Reported	Parish nam:	CADDO
Aquifer na:	WILCOX AQUIFER		
Use descri:	domestic		
Well statu:	Active	Site id:	LATD40000118722

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**1**

**East**  
**1/8 - 1/4 Mile**

**OIL\_GAS LAOG90000244298**

Objectid:	244298	Well serial num:	240179
Wlc line id:	1	Coordinate syste:	01
Received date:	01-SEP-2009	Lambert x:	1637417
Lambert y:	626358	Zone :	N
Create date:	01-SEP-2009	Create username:	PAULAC
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	156	Longsec:	Not Reported
Longmin:	Not Reported	Longdeg:	Not Reported
Latsec:	Not Reported	Latmin:	Not Reported
Latdeg:	Not Reported	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	436536.075486103	G utmy:	3583128.89064445
Glaty:	32.3833528574011	G longx:	-93.6747090968001
Column28:	Not Reported		
Calcglongx:	-93.6747090968001		
Calcglaty:	32.3833528574011		
Site id:	LAOG90000244298		

**2**

**SE**  
**1/4 - 1/2 Mile**

**OIL\_GAS LAOG90000238860**

Objectid:	238860	Well serial num:	238921
Wlc line id:	1	Coordinate syste:	01
Received date:	14-OCT-2008	Lambert x:	1637143
Lambert y:	624932	Zone :	N
Create date:	14-OCT-2008	Create username:	DEBRAP
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	156.2	Longsec:	31.3
Longmin:	40	Longdeg:	93
Latsec:	45.4	Latmin:	22
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	436454.553467993	G utmy:	3582693.99733981
Glaty:	32.3794252001318	G longx:	-93.6755465413405
Column28:	Not Reported		
Calcglongx:	-93.6755465413405		
Calcglaty:	32.3794252001318		
Site id:	LAOG90000238860		

**3**

**WSW**  
**1/4 - 1/2 Mile**

**OIL\_GAS LAOG90000140149**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	140149	Well serial num:	195467
Wlc line id:	1	Coordinate syste:	01
Received date:	01-OCT-1984	Lambert x:	1634500
Lambert y:	625710	Zone :	N
Create date:	02-MAY-1999	Create username:	CONVALL
Update date:	06-OCT-2009	Update username:	OPS\$OOC
Coordinate sourc:	03	Coordinate prior:	Not Reported
Ground elevation:	Not Reported	Longsec:	2.244
Longmin:	41	Longdeg:	93
Latsec:	52.785	Latmin:	22
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	17
G utmx:	435646.635223124	G utmy:	3582929.20734004
Glaty:	32.3815006291854	Glongx:	-93.684150922262
Column28:	Not Reported		
Calcglongx:	-93.684150922262		
Calcglaty:	32.3815006291854		
Site id:	LAOG90000140149		

**A4**  
**West**  
**1/4 - 1/2 Mile**

**OIL\_GAS      LAOG90000252703**

Objectid:	252703	Well serial num:	243715
Wlc line id:	1	Coordinate syste:	01
Received date:	23-AUG-2011	Lambert x:	1633918
Lambert y:	626525	Zone :	N
Create date:	23-AUG-2011	Create username:	DEBRAP
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	159.97	Longsec:	9.132
Longmin:	41	Longdeg:	93
Latsec:	.784	Latmin:	23
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	435469.679657299	G utmy:	3583174.95012368
Glaty:	32.3837071591655	Glongx:	-93.6860488032101
Column28:	Not Reported		
Calcglongx:	-93.6860488032101		
Calcglaty:	32.3837071591655		
Site id:	LAOG90000252703		

**A5**  
**West**  
**1/4 - 1/2 Mile**

**OIL\_GAS      LAOG90000251276**

Objectid:	251276	Well serial num:	243582
Wlc line id:	1	Coordinate syste:	01
Received date:	26-JUL-2011	Lambert x:	1633899
Lambert y:	626525	Zone :	N
Create date:	26-JUL-2011	Create username:	DEBRAP
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	158.2	Longsec:	9.361
Longmin:	41	Longdeg:	93
Latsec:	.782	Latmin:	23

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	435463.890198478	G utmy:	3583174.92398536
Glaty:	32.3837065878154	Glongx:	-93.6861103473118
Column28:	Not Reported		
Calcglongx:	-93.6861103473118		
Calcglaty:	32.3837065878154		
Site id:	LAOG90000251276		

**B6**  
**SE**  
**1/2 - 1 Mile**

**OIL\_GAS      LAOG90000236940**

Objectid:	236940	Well serial num:	238806
Wlc line id:	1	Coordinate syste:	01
Received date:	26-SEP-2008	Lambert x:	1637812
Lambert y:	624123	Zone :	N
Create date:	26-SEP-2008	Create username:	DEBRAP
Update date:	01-DEC-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	159.2	Longsec:	23.4
Longmin:	40	Longdeg:	93
Latsec:	37.4	Latmin:	22
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	436659.517998396	G utmy:	3582448.41081683
Glaty:	32.3772215060111	Glongx:	-93.6733512801738
Column28:	Not Reported		
Calcglongx:	-93.6733512801738		
Calcglaty:	32.3772215060111		
Site id:	LAOG90000236940		

**B7**  
**SE**  
**1/2 - 1 Mile**

**OIL\_GAS      LAOG90000235821**

Objectid:	235821	Well serial num:	237358
Wlc line id:	1	Coordinate syste:	01
Received date:	27-MAR-2008	Lambert x:	1637812
Lambert y:	624123	Zone :	N
Create date:	28-MAR-2008	Create username:	DEBRAP
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	159.2	Longsec:	23.4
Longmin:	40	Longdeg:	93
Latsec:	37.4	Latmin:	22
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	436659.517998396	G utmy:	3582448.41081683
Glaty:	32.3772215060111	Glongx:	-93.6733512801738
Column28:	Not Reported		
Calcglongx:	-93.6733512801738		
Calcglaty:	32.3772215060111		
Site id:	LAOG90000235821		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**8**

**SSW**  
**1/2 - 1 Mile**

**OIL\_GAS LAOG90000239095**

Objectid:	239095	Well serial num:	237638
Wlc line id:	1	Coordinate syste:	01
Received date:	08-MAY-2008	Lambert x:	1635348
Lambert y:	622889	Zone :	N
Create date:	08-MAY-2008	Create username:	DEBRAP
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	154	Longsec:	51.999
Longmin:	40	Longdeg:	93
Latsec:	24.961	Latmin:	22
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	435910.425260145	G utmy:	3582068.99896058
Glaty:	32.3737561901166	Glongx:	-93.6812884693384
Column28:	Not Reported		
Calcglongx:	-93.6812884693384		
Calcglaty:	32.3737561901166		
Site id:	LAOG90000239095		

**9**

**SE**  
**1/2 - 1 Mile**

**OIL\_GAS LAOG90000231287**

Objectid:	231287	Well serial num:	234370
Wlc line id:	1	Coordinate syste:	01
Received date:	20-OCT-2006	Lambert x:	1638282
Lambert y:	623320	Zone :	N
Create date:	20-OCT-2006	Create username:	PENNYL
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	156.6	Longsec:	17.8
Longmin:	40	Longdeg:	93
Latsec:	29.5	Latmin:	22
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	436803.837688053	G utmy:	3582204.37791261
Glaty:	32.37502835376	Glongx:	-93.6718008678141
Column28:	Not Reported		
Calcglongx:	-93.6718008678141		
Calcglaty:	32.37502835376		
Site id:	LAOG90000231287		

**10**

**SE**  
**1/2 - 1 Mile**

**OIL\_GAS LAOG90000237563**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	237563	Well serial num:	236572
Wlc line id:	1	Coordinate syste:	01
Received date:	29-OCT-2007	Lambert x:	1639395
Lambert y:	623948	Zone :	N
Create date:	29-OCT-2007	Create username:	PENNYL
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	158.6	Longsec:	4.9
Longmin:	40	Longdeg:	93
Latsec:	35.9	Latmin:	22
Latdeg:	32	Latddd:	Not Reported
Longddd:	Not Reported	Coordval:	13
G utmx:	437142.10836591	G utmy:	3582397.27155206
Glaty:	32.3767874892351	Glongx:	-93.6682179300516
Column28:	Not Reported		
Calcglongx:	-93.6682179300516		
Calcglaty:	32.3767874892351		
Site id:	LAOG90000237563		

11

**WNW**

1/2 - 1 Mile

**OIL\_GAS**

**LAOG90000210488**

Objectid:	210488	Well serial num:	152
Wlc line id:	1	Coordinate syste:	01
Received date:	07-OCT-2003	Lambert x:	1632659
Lambert y:	628260	Zone :	N
Create date:	08-OCT-2003	Create username:	SONRIS_DBA
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	05	Coordinate prior:	1
Ground elevation:	Not Reported	Longsec:	Not Reported
Longmin:	Not Reported	Longdeg:	Not Reported
Latsec:	Not Reported	Latmin:	Not Reported
Latdeg:	Not Reported	Latddd:	32.388283
Longddd:	93.69001	Coordval:	9
G utmx:	435083.662146343	G utmy:	3583701.88468794
Glaty:	32.3884380296197	Glongx:	-93.6901886048505
Column28:	Not Reported		
Calcglongx:	-93.6901886048505		
Calcglaty:	32.3884380296197		
Site id:	LAOG90000210488		

C12

**SSE**

1/2 - 1 Mile

**OIL\_GAS**

**LAOG90000232110**

Objectid:	232110	Well serial num:	233567
Wlc line id:	1	Coordinate syste:	01
Received date:	09-JUN-2006	Lambert x:	1638294
Lambert y:	622588	Zone :	N
Create date:	09-JUN-2006	Create username:	PENNYL
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	153.5	Longsec:	17.6
Longmin:	40	Longdeg:	93
Latsec:	22.3	Latmin:	22



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	436808.504452327	G utmy:	3581981.34732743
Glaty:	32.3730167347643	Glongx:	-93.6717363780861
Column28:	Not Reported		
Calcglongx:	-93.6717363780861		
Calcglaty:	32.3730167347643		
Site id:	LAOG90000232110		

**C13  
SSE  
1/2 - 1 Mile**

**OIL\_GAS      LAOG90000121057**

Objectid:	121057	Well serial num:	166024
Wlc line id:	1	Coordinate syste:	01
Received date:	01-NOV-1979	Lambert x:	1638190
Lambert y:	622409	Zone :	N
Create date:	02-MAY-1999	Create username:	CONVALL
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	03	Coordinate prior:	1
Ground elevation:	Not Reported	Longsec:	18.8
Longmin:	40	Longdeg:	93
Latsec:	20.528	Latmin:	22
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	17
G utmx:	436777.062201879	G utmy:	3581926.66077041
Glaty:	32.3725216451776	Glongx:	-93.6720669448746
Column28:	Not Reported		
Calcglongx:	-93.6720669448746		
Calcglaty:	32.3725216451776		
Site id:	LAOG90000121057		

**14  
ESE  
1/2 - 1 Mile**

**OIL\_GAS      LAOG90000235411**

Objectid:	235411	Well serial num:	235415
Wlc line id:	1	Coordinate syste:	01
Received date:	25-APR-2007	Lambert x:	1639816
Lambert y:	623906	Zone :	N
Create date:	25-APR-2007	Create username:	DEBRAP
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	151.1	Longsec:	0
Longmin:	40	Longdeg:	93
Latsec:	35.5	Latmin:	22
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	437270.447337439	G utmy:	3582385.05493102
Glaty:	32.376684509828	Glongx:	-93.6668528783328
Column28:	Not Reported		
Calcglongx:	-93.6668528783328		
Calcglaty:	32.376684509828		
Site id:	LAOG90000235411		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**15**  
**ESE**  
**1/2 - 1 Mile**

**OIL\_GAS      LAOG90000231245**

Objectid:	231245	Well serial num:	195467
Wlc line id:	2	Coordinate syste:	01
Received date:	28-SEP-2006	Lambert x:	1640139
Lambert y:	624345	Zone :	N
Create date:	28-SEP-2006	Create username:	DANIELA
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	05	Coordinate prior:	1
Ground elevation:	156	Longsec:	1.556
Longmin:	18	Longdeg:	93
Latsec:	59.819	Latmin:	16
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	9
G utmx:	437368.261227101	G utmy:	3582519.26804237
Glaty:	32.3779006961116	Glongx:	-93.66582199608
Column28:	Not Reported		
Calcglongx:	-93.66582199608		
Calcglaty:	32.3779006961116		
Site id:	LAOG90000231245		

**16**  
**SSW**  
**1/2 - 1 Mile**

**OIL\_GAS      LAOG90000236536**

Objectid:	236536	Well serial num:	236171
Wlc line id:	1	Coordinate syste:	01
Received date:	20-AUG-2007	Lambert x:	1634725
Lambert y:	621962	Zone :	N
Create date:	20-AUG-2007	Create username:	PENNYL
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	150	Longsec:	59.146
Longmin:	40	Longdeg:	93
Latsec:	15.723	Latmin:	22
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	435721.872372086	G utmy:	3581785.67317945
Glaty:	32.3711895656098	Glongx:	-93.6832734811734
Column28:	Not Reported		
Calcglongx:	-93.6832734811734		
Calcglaty:	32.3711895656098		
Site id:	LAOG90000236536		

**17**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      LAOG90000143907**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	143907	Well serial num:	199239
Wlc line id:	1	Coordinate syste:	01
Received date:	01-MAY-1985	Lambert x:	1632910
Lambert y:	629390	Zone :	N
Create date:	02-MAY-1999	Create username:	CONVALL
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	01	Coordinate prior:	1
Ground elevation:	Not Reported	Longsec:	21.255
Longmin:	41	Longdeg:	93
Latsec:	29.027	Latmin:	23
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	5
G utmx:	435158.585491894	G utmy:	3584046.55245104
Glaty:	32.3915514980824	G longx:	-93.6894156921279
Column28:	Not Reported		
Calcglongx:	-93.6894156921279		
Calcglaty:	32.3915514980824		
Site id:	LAOG90000143907		

**D18  
SE  
1/2 - 1 Mile**

**OIL\_GAS      LAOG90000181327**

Objectid:	181327	Well serial num:	973370
Wlc line id:	1	Coordinate syste:	01
Received date:	29-MAR-2006	Lambert x:	1639738
Lambert y:	623058	Zone :	N
Create date:	29-MAR-2006	Create username:	GLYNISD
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	164	Longsec:	.8
Longmin:	40	Longdeg:	93
Latsec:	27.1	Latmin:	22
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	437247.850759912	G utmy:	3582126.55392967
Glaty:	32.3743513887306	G longx:	-93.6670759480301
Column28:	Not Reported		
Calcglongx:	-93.6670759480301		
Calcglaty:	32.3743513887306		
Site id:	LAOG90000181327		

**D19  
SE  
1/2 - 1 Mile**

**OIL\_GAS      LAOG90000224909**

Objectid:	224909	Well serial num:	230917
Wlc line id:	1	Coordinate syste:	01
Received date:	22-FEB-2005	Lambert x:	1639700
Lambert y:	622982	Zone :	N
Create date:	22-FEB-2005	Create username:	PAULAC
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	163.8	Longsec:	1.3
Longmin:	40	Longdeg:	93
Latsec:	26.3	Latmin:	22

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	437236.376932638	G utmy:	3582103.34363871
Glaty:	32.3741413705752	Glongx:	-93.667196373923
Column28:	Not Reported		
Calcglongx:	-93.667196373923		
Calcglaty:	32.3741413705752		
Site id:	LAOG90000224909		

**20**  
**North**  
**1/2 - 1 Mile**

**OIL\_GAS      LAOG90000261341**

Objectid:	261341	Well serial num:	245889
Wlc line id:	1	Coordinate syste:	01
Received date:	17-JAN-2013	Lambert x:	1636069
Lambert y:	631190	Zone :	N
Create date:	17-JAN-2013	Create username:	PAULAC
Update date:	18-JAN-2013	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	156	Longsec:	44.64
Longmin:	40	Longdeg:	93
Latsec:	47.18	Latmin:	23
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	436118.668661	G utmy:	3584599.38446
Glaty:	32.396593797	Glongx:	-93.679245719
Column28:	Not Reported		
Calcglongx:	-93.679245719		
Calcglaty:	32.396593797		
Site id:	LAOG90000261341		

**21**  
**SSE**  
**1/2 - 1 Mile**

**OIL\_GAS      LAOG90000229393**

Objectid:	229393	Well serial num:	232527
Wlc line id:	1	Coordinate syste:	01
Received date:	09-DEC-2005	Lambert x:	1638186
Lambert y:	621596	Zone :	N
Create date:	09-DEC-2005	Create username:	PENNYL
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	153.6	Longsec:	18.7
Longmin:	40	Longdeg:	93
Latsec:	12.5	Latmin:	22
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	436776.965525902	G utmy:	3581678.92642946
Glaty:	32.3702869125254	Glongx:	-93.6720514343215
Column28:	Not Reported		
Calcglongx:	-93.6720514343215		
Calcglaty:	32.3702869125254		
Site id:	LAOG90000229393		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**E22**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      LAOG90000147149**

Objectid:	147149	Well serial num:	201019
Wlc line id:	1	Coordinate syste:	01
Received date:	01-MAY-1986	Lambert x:	1633188
Lambert y:	630363	Zone :	N
Create date:	02-MAY-1999	Create username:	CONVALL
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	03	Coordinate prior:	1
Ground elevation:	Not Reported	Longsec:	18.138
Longmin:	41	Longdeg:	93
Latsec:	38.685	Latmin:	23
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	17
G utmx:	435241.95240991	G utmy:	3584343.41770284
Glaty:	32.3942342459175	Glongx:	-93.6885496832766
Column28:	Not Reported		
Calcglongx:	-93.6885496832766		
Calcglaty:	32.3942342459175		
Site id:	LAOG90000147149		

**E23**  
**NW**  
**1/2 - 1 Mile**

**OIL\_GAS      LAOG90000143908**

Objectid:	143908	Well serial num:	199239
Wlc line id:	2	Coordinate syste:	01
Received date:	01-MAY-1986	Lambert x:	1633188
Lambert y:	630363	Zone :	N
Create date:	02-MAY-1999	Create username:	CONVALL
Update date:	06-OCT-2009	Update username:	OPS\$OOC
Coordinate sourc:	03	Coordinate prior:	Not Reported
Ground elevation:	Not Reported	Longsec:	18.138
Longmin:	41	Longdeg:	93
Latsec:	38.685	Latmin:	23
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	17
G utmx:	435240.433995189	G utmy:	3584345.20645221
Glaty:	32.3942502925512	Glongx:	-93.6885659488289
Column28:	Not Reported		
Calcglongx:	-93.6885659488289		
Calcglaty:	32.3942502925512		
Site id:	LAOG90000143908		

**24**  
**ESE**  
**1/2 - 1 Mile**

**OIL\_GAS      LAOG90000164733**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	164733	Well serial num:	972936
Wlc line id:	1	Coordinate syste:	01
Received date:	20-OCT-1999	Lambert x:	1640848
Lambert y:	623945	Zone :	N
Create date:	20-OCT-2099	Create username:	GLYNISD
Update date:	24-NOV-2011	Update username:	CON_USER
Coordinate sourc:	02	Coordinate prior:	1
Ground elevation:	157	Longsec:	48
Longmin:	39	Longdeg:	93
Latsec:	36	Latmin:	22
Latdeg:	32	Latdd:	Not Reported
Longdd:	Not Reported	Coordval:	13
G utmx:	437584.849432546	G utmy:	3582398.36309546
Glaty:	32.3768221912728	Glongx:	-93.6635116654658
Column28:	Not Reported		
Calcglongx:	-93.6635116654658		
Calcglaty:	32.3768221912728		
Site id:	LAOG90000164733		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: LA Radon

### Radon Test Results

Parish	Avg pCi/L	Total Sites
CADDO	0.72289	83

Federal EPA Radon Zone for CADDO County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

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Federal Area Radon Information for Zip Code: 71115

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.680 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Louisiana Public Water Supply Wells

Source: Office of Public Health

Telephone: 504-568-5101

#### Water Well Registration Data File

Source: Department of Transportation and Development

Telephone: 225-274-4172

## OTHER STATE DATABASE INFORMATION

### Oil and Gas Well Database

Source: Department of Natural Resources

Telephone: 225-342-1977

Oil and gas well locations in Louisiana.

### RADON

#### State Database: LA Radon

Source: Department of Environmental Quality

Telephone: 225-925-1752

Radon Levels

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

Airport Landing Facilities: Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

### **STREET AND ADDRESS INFORMATION**

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## **APPENDIX D**

### **LOCAL STREET DIRECTORIES**

**Leonard Road 417 Acre**

Leonard Road  
Shreveport, LA 71115

Inquiry Number: 4451126.5  
October 30, 2015

# The EDR-City Directory Image Report



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Executive Summary

Findings

City Directory Images

*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2008	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
2003	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1999	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1995	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1992	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information Services
1987	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory
1982	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory
1977	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory
1972	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory
1968	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory
1963	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory

### RECORD SOURCES

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## FINDINGS

### TARGET PROPERTY STREET

Leonard Road  
Shreveport, LA 71115

Year

CD Image

Source

### LEONARD RD

1987	pg A80	Polk's City Directory	
1982	-	Polk's City Directory	Street not listed in Source
1977	-	Polk's City Directory	Street not listed in Source
1972	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source

# FINDINGS

## CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<b><u>HIGHWAY 1</u></b>			
2013	pg. A1	Cole Information Services	
2008	pg. A17	Cole Information Services	
2003	pg. A33	Cole Information Services	
1999	pg. A52	Cole Information Services	
1995	pg. A65	Cole Information Services	
1992	pg. A74	Cole Information Services	
1987	-	Polk's City Directory	Street not listed in Source
1982	-	Polk's City Directory	Street not listed in Source
1977	-	Polk's City Directory	Street not listed in Source
1972	-	Polk's City Directory	Street not listed in Source
1968	-	Polk's City Directory	Street not listed in Source
1963	-	Polk's City Directory	Street not listed in Source

## **LEONARD RD**

2013	pg. A2	Cole Information Services
2008	pg. A18	Cole Information Services
2003	pg. A34	Cole Information Services
1999	pg. A53	Cole Information Services
1995	pg. A66	Cole Information Services
1992	pg. A75	Cole Information Services

## **YOUREE DR**

2013	pg. A3	Cole Information Services
2008	pg. A19	Cole Information Services
2003	pg. A35	Cole Information Services
1999	pg. A54	Cole Information Services
1995	pg. A67	Cole Information Services
1992	pg. A76	Cole Information Services
1987	pg. A81	Polk's City Directory
1987	pg. A82	Polk's City Directory
1982	pg. A83	Polk's City Directory



## FINDINGS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
1982	pg. A84	Polk's City Directory
1982	pg. A85	Polk's City Directory
1977	pg. A86	Polk's City Directory
1977	pg. A87	Polk's City Directory
1972	pg. A88	Polk's City Directory
1968	pg. A89	Polk's City Directory
1963	pg. A90	Polk's City Directory

## **City Directory Images**

**HIGHWAY 1      2013**

8078	TERRY PEARSON
8089	OCCUPANT UNKNOWN
8230	JAMES SPEARMAN
8234	E BALLARD
8310	DEBRA FREDERICK JIMMY JACKSON PATRICIA BLAINE
9305	BAYOU AUTO LIQUIDATORS LLC DUBOIS CONSTRUCTION WORLD FIBER
9333	JOHN LEWIS
9381	TRIPLE N AUTOMOTIVE
10257	DRIL PATTERSON
10281	RELAY STATION
10296	ROBERT ROWELL ROWELL JAMES A JR GEOLGST
10340	DOUGLAS LACAZE
10344	OCCUPANT UNKNOWN
10397	STEELSCAPE
10399	OMNI SPECIALITY PACKAGING
10411	TRUSOUTH OIL LLC TRUSOUTH OIL LLC GAS USAGE LINE
10845	CCS MIDSTREAM SERVICES TERVITA CORP
10877	RICHARD WARD
10889	CHEMTRADE REFINERY SERVICES INC
11015	OCCUPANT UNKNOWN
11206	BRIAN CLARK
11210	ARTHUR TAYLOR
11214	E BROWN

**LEONARD RD 2013**

1224	ROBERT MORGAN
1240	LLOYD WELLS
1250	JOHN FERGUSON
1266	SAMUEL MAXEY
1298	HURRI CANES
1310	DON ARMSTRONG
1311	BRETT SCHOONOVER
1350	GLENN MERICLE
1372	PAUL SISSON
1454	STANTON DOSSETT
1546	OCCUPANT UNKNOWN
1550	DAVID WATKINS
1580	JOHN WEBB
1675	CADDO PARISH FIRE DISTRICT 5
1680	BARRY KIMBLE
1750	JIM RHINEHART
1780	LEE HEARN
1840	VICKIE WRIGHT
1850	MICHAEL LAKATOS
1860	GARY BROOME
1890	KRISTINA CARRIGAN
1891	JW OPERATING CO
1910	OCCUPANT UNKNOWN
1920	OCCUPANT UNKNOWN
1930	TOM BRANTON



## YOUREE DR 2013

7435	JERSEY MIKES SUBS OL SHREVEPORT LLC
7436	CUP CAKE GALLERY
7440	CATO MICHAELS
7441	BUFFALO WILD WINGS GRILL & BAR
7451	JCPENNEY OPTICAL SEPHORA INSIDE JCPENNEY
7460	DOLLAR TREE EAST SIDE PLAZA EXPRESS CHECK ADVANCE GAMESTOP GOLDEN LAND SUPERIOR THE RED MANGO REGENCY BEAUTY INSTITUTE STYLE NAILS SUMA BUFFET
7463	DSW
7465	INLAND DIVERSIFIED MGMT
7467	ULTA BEAUTY SALON COSMETICS & FRAG
7471	KIRKLANDS
7500	CHEVYLAND COOL CUSTOMS ADI SHUNTA HALL CREDIT ANGEL
7503	BASKINROBBINS LENNYS SUB SHOP SMASHBURGER THE VITAMIN SHOPPE
7511	FIVE STAR SPA NAIL SALON JENNY CRAIG SAKE SUSHI
7515	TGI FRIDAYS
7519	LOGANS ROADHOUSE
7523	ACCESSORY CITY
7525	INLAND DIVERSIFIED MGMT
7533	BATH & BODY WORKS
7547	INLAND DIVERSIFIED MGMT K & G FASHION SUPERSTORE
7551	INLAND DIVERSIFIED MGMT RUE21
7555	ALFRED ANGELO
7580	CAVENDERS
7600	WRIGHTS SOUND GALLERY INC
7601	MONJUNIS OF PORTICO INC
7603	FLOWERS FOR YOU
7607	BRYAN DAVID D MD COUNTER CULTURE PIERREMONT EYE INSTITUTE SIPES ASHLEY WHEAT MD
7651	KOHL'S

**YOUREE DR 2013 (Cont'd)**

7798 DAIRY QUEEN  
7800 AARON WARE  
ALBERT MCLEAN  
ALEXIS ROSSER  
AMY NELSON  
ANDRAE SANCHEZ  
ANDREW EVANS  
ANNETTE RICHARDSON  
ANNIE TAYLOR  
ANTHONY PERKINS  
ANTHONY THOMAS  
ANTONIO DEWHART  
ANTUONETTE LAWSON  
APRIL GREEN  
APRIL HUNTER  
APRIL WINTERS  
ARCHIE KEYS  
ASHLEY PARKER  
ASHLEY YOUNG  
BELINDA ANDERSON  
BETHANY NEWMAN  
BETHANY PARDUN  
BIRDA BRYANT  
BLAIR BUSCH  
BRANDEN BROGAN  
BRANDO BRADFORD  
BRETT SWITZER  
BRITTANY HAWTHORNE  
BRUCE WOODS  
BRYANT LORINGS  
BUTCH WOMACK  
CANDICE CAMERON  
CAROL SHOCKEY  
CHARLENE VAUGHN  
CHARLES DONLEY  
CHRIS PARRISH  
CHRISTIE BANKARD  
CHRISTOPHER DAVIS  
CHRISTOPHER HOWARD  
CINDY OSBORN  
COREY HICKS  
CORI MCHORSE  
CRYSTAL LEWIS  
CRYSTAL TUBBS  
CYNTHIA LYTL  
DACQUE FONSE  
DAVID BIGNAR  
DAVID CECIL  
DAVID KING  
DEANA HURT

**YOUREE DR 2013 (Cont'd)**

7800 DEANDRE GREEN  
DEBORAH WISEGRANT  
DEEPA PISNEY  
DENISE MCCOSKEY  
DERRICK BLACK  
DERRICK VERNON  
DEVIN ACALDO  
DON DAIGLE  
DONALD BROWN  
DOYLE DOWD  
DUSTIN BAILEY  
DUSTIN MEDLIN  
EDGAR PETEET  
EDWARD BUTTS  
EDWARD JONES  
EDWIN BORDELON  
ELIZABETH SANFORD  
ELSIE HA  
ERAIA BROWN  
ERIC DEVILLIER  
ERIC MOODY  
ERIN MCCOLE  
EVELYN PRATER  
FLORENCE DUFFIELD  
FRANCES COMEAUX  
GALA GEORGE  
GARY WRIGHT  
GEORGE MARKHAM  
GEREMY HARP  
GIANG NGUYEN  
GILL CARTER  
GISELA AMIDON  
GLENN REEVES  
GLORIA SANDERS  
GRACE VALENTINE  
GREG HENSLEY  
HAROLD JOHNSON  
HENRY SIMONIN  
HOWARD BROWN  
IAN MCNERNEY  
JAMES LYONS  
JAMES MELVIN  
JAMES YOUNGBLOOD  
JASON CARWRIGHT  
JASON OSBORN  
JAVIER SANTIAGO-GUAL  
JAYSON CODDINGTON  
JAZMINE MAESHACK  
JENNIFER DONALDSON  
JEREMY MCFARLAND

**YOUREE DR 2013 (Cont'd)**

7800 JERRY HARRIS  
JERRY SEXTON  
JIBRIEL RICHARDSON  
JOANIE HARRIS  
JOE STUART  
JOHN BACCARIE  
JOHN HEMPHILL  
JOHN KIDD  
JOHN LITTLE  
JOHN RIVERS  
JON SIMMONS  
JOSEPH ANDREWS  
JOSEPH CUSH  
JOSEPH DENNISON  
JOSHUA HARRIS  
JOSHUA PETTIGREW  
JULES FREDERICK  
JUSTIN MEEHAN  
KAREN MARTINEZ  
KATHLEEN NADER  
KATHY HORN  
KATRINA STROUGHTER  
KENNETH COULTER  
KENNETH JAHNS  
KENYATTA HAWKINS  
KIMBERLY FLEMING  
KIMBERLY TEMMS  
KIMBERLY WILSON  
KRISTOFER BROOKS  
KRYSTAL FERGUSON  
KRYSTAL PIER  
KYLE NARDINI  
KYLIE COTTON  
LARRY DIGGS  
LATOSHA WELLS  
LAURA WATSON  
LAWANDA HILL  
LILLIE STROUGHTER  
LINDA RICKS  
LINDA SOOTER  
LONDON HARRIS  
LONNIE BEAL  
MALOU ROGERS  
MARGARET MCINNIS  
MARGUERITE COPELAND  
MARIA BENAVIDEZ  
MARIE SANCHEZ  
MARION ASHLEY  
MARK PERETIK  
MARLENE JOHNSON



## YOUREE DR 2013 (Cont'd)

7800 MASHEKA JACKSON  
MICHAEL MCFANN  
MICHAEL THEUS  
MICHEAL LOTT  
MICHELE REYNOLDS  
MIKE REED  
NATASHA BAXTER  
NATASHA DANSBY  
NATHANIEL LUCENA  
NATORIA ABBOTT  
NICK DELOUCHE  
NICOLE AYCOCK  
NICOLE HENDRICK  
NINA WEAVER  
OCTAVIO COOPER  
OLIVIA GREEN  
PATRICIA BROWN  
PEDRO ZUNIGA  
PENNY RYAN  
QIANA ISHMAN  
QUINCY JONES  
RACHAL COX  
RAMERO NERIO  
RAMONDRIA POUNCEY  
REGINALD PATTERSON  
RHONDA CROSS  
RICHARD WALLEVERD  
RICKEY SWIFT  
RICKY MARTIN  
RIKKI VONTUNGELN  
ROBERT MILLER  
ROBERT PEREZ  
ROBERT TAYLOR  
RONALD COOK  
RONALD SANCHEZ  
RONITA ODUMS  
RUBEN WILLIAMS  
SABRINA ATTAWAY  
SALLY LAYMAN  
SAMANTHA JEFFERS  
SAMUEL COMER  
SAMUEL SHERMAN  
SARAH BURRY  
SEAN BAMBURG  
SHAHIN SULTANA  
SHANE GRAVAL  
SHANNON KANE  
SHEILA WARREN  
SHELLY GEARHEART  
SHENEQUA ALSTON

**YOUREE DR    2013    (Cont'd)**

7800	SHIRLEY GRAY STEPHANI SMITH STEPHEN LEHR STEVIE DAWSON TANEISHA CLARK TASHAWNA MATHEWS TAYLOR EVELYN TERESA DAVIS THOMAS HUNNICUTT TIFFANY CHRISTAW TIMOTHY MAHONY TIRANISHA WEST TOMMY BRANNON TOMMY SCOTT TOWNE OAKS SOUTH VIRGINIA RUSSELL WANDA CLEMENTS WILLIAM ASSEFF WILLIAM ROSS WILLIAM RYAN YOLANDA LAROUX
7803	GOOD EATS CAFE
7805	GATTIS PIZZA PODNUHS BARBQUE
7813	SAVORY ROBERT L MD ABFM SPINE INSTITUTE THE
7821	FOOT SPECIALISTS OF SHREVEPORTBOOSI
7823	ARKLATEX EAR NOSE & THROAT BEAL MICHAEL MD GILL MATTHEW T MD
7829	DESAI HIMANSHU GREEN DAVID S MD KAMM RICHARD C JR MD PALAZZO MELISSA S MD PULMONARY & CRITICAL CARE SPECIALIST
7837	WILLISKNIGHTON PHYSICIAN NETWORK
7843	CASSIERE S GERMAIN MD FACP SHELBY CHRISTOPHER L MD
7847	ASTHMA ALLERGY CLINIC & RESEARCH CEN PARKER WILLIAM D MD FAAP WILLISKNIGHTON PHYSICIAN NETWORK
7925	ANGELO J MICHAEL PA C BARTON R SHANE MD ABOS BICKNELL J ERIC MD BREAST CENTERS AT WILLISKNIGHTON BREWER RANDALL P MD FERRELL JOHN J MD LOUISIANA BRACE SYSTEMS MID SOUTH ORTHOPAEDICS & SPORTS MEDI MODY MILAN MD

**YOUREE DR      2013      (Cont'd)**

7925 MORGAN EDWARD L MD  
 ORTHOPEDIC CLINIC  
 ORTHOPEDIC CLINIC THE  
 PENNYWELL THEA PA C  
 SCHAUMBURG CARMEN R PA C  
 SCHURMAN SADIE PA C  
 WEBB WILLIAM F MD  
 WILLISKNIGHTON HEALTH SYSTEM

7929 LOUISIANA NEUROLOGIC SPECIALITIES IN

7941 BURLISON RUSSELL MD  
 BYRD EDWIN H JR MD  
 FRIEDRICH MARSHA MD  
 GENEUX BETH MD  
 OB GYN ASSOCIATES  
 ROBINSON E B MD  
 WATERFALLEN JOHN W MD  
 WEST WARREN C JR MD

7949 PORTERS DRY CLEANERS  
 PORTERS FINE DRY CLEANERS

7950 KANGAROO EXPRESS

8000 SAMS SOUTHERN EATERY

8001 ADVANCED LASER CLINICS  
 ARKLATEX DERMATOLOGY  
 BANERJEE SUBHRA SAM MD  
 BOZEMAN M CRAIG DR MD  
 BREAST CENTERS AT WILLISKNIGHTON  
 BYRD CHARLES R MD  
 CARDIOVASCULAR CONSULTANTS  
 CARDIOVASCULAR CONSULTANTS LLP  
 CARR R SHANE MD  
 CLINE DEBRA P MD FACOG  
 COMPREHENSIVE NEUROSURGERY NETWORK L  
 CRAWFORD PAUL G MD FACOG  
 DANZELL JEROME MD FACC  
 DEL MUNDO RANDY R MD FACP  
 DO GIAO N MD  
 ELMAJIAN DONALD A MD  
 FITZGERALD KENNETH III MD  
 FLAKE LARRY L MD  
 FUTRELL JOSEPHINE M MD PHD  
 GANDHI RAJ MD  
 GASTROENTEROLOGY ASSOCIATES  
 GAYLE CHRISTOPHER A MD FACOG  
 GLADNEY MARLER & ASSOCIATES LLC  
 GOMELSKY ALEXANDER MD  
 HARGON CHARLES CHAD MD  
 KOMPPELLI ASHOK R MD  
 LAFARGUE ROBERT T MD FACC  
 LIFECARE HOSPITALS OF SHREVEPORT WIL  
 LIU WEN MD

**YOUREE DR 2013 (Cont'd)**

8001 LOCKHART CLAUDE V MD FACOG  
 MARTINEZ JORGE DR  
 MATA JOHN A MD  
 MATRIANOLIM ALLAN MD  
 MICHAEL KRISTI CASSELS MD FACOG  
 MID SOUTH ORTHOPEDICS  
 MOSES WENDY MCBRIDE MD  
 NEGRON GERARDO MD PHD  
 PATTERSON MAURIE MD  
 PHILLIPS LEA ANN APRN WHNP  
 PIERREMONT FAMILY PHYSICIANS  
 PIERREMONT OB GYN SPECIALISTS  
 PORTER KATHLEEN MSN CFNP  
 PUDHOTA SUNITHA G MD  
 QUINNEY BEN H JR MD  
 RED RIVER PULMONARY CRITICAL CARE &  
 ROZEMAN PHILLIP A MD FACC  
 SALE CHARLES F MD FACOG  
 SCHWALKE MICHAEL A MD FACS  
 SCOTT DAVID A MD  
 SELF MICHELLE MD  
 SHAH AMBER M MD MPH  
 SHREVEPORT INTERNAL MEDICINE & PED  
 TEAGLE CLARENCE R MD  
 VELUVOLU ANIL  
 WHITAKER RACHEAL MD MD  
 WHITE FREDERICK J III MD FACC FCCP  
 WHITE FREDERICK J III MD FACC FSCAI  
 WILLISKNIGHTON BREAST CENTER  
 WILLISKNIGHTON HEALTH SYSTEM  
 WK UNIVERSITY UROLOGY AFFILIATES  
 YOUREE FAMILY MEDICAL CENTER  
 ZHANG WENWU MD PHD

8010 IHOP

8020 DOLPHIN DEBIT ACCESS  
 MURPHY USA

8411 CHRISTOPHER MIZELL

8445 CHARLOTTE BERNARD  
 LOUISIANA STATE UNIVERSITY IN SHREVE  
 LYN THOMAS  
 MALLORY MAPLES  
 SAMMIE BELL  
 SHARON MANSON  
 UNIVERSITY COURT APARTMENTS  
 WHITNEY HARRIS

8510 CHINA BEAR  
 FASTBUCKS  
 TEXT BOOK CORNER  
 TIGER BITES

8515 BAPTIST STUDENT CENTER LSUS



**YOUREE DR      2013      (Cont'd)**

8530	DOMINOS PIZZA
8586	WENDYS
8620	STREET CREATIONS OF SHREVEPORT UNDER THE SUN TANNING SALON
8640	POPEYES CHICKEN
8680	COMPUTER PROBLEMS SATURDAYS FAMILY HAIR CARE
8682	FUNK GENE INS
8686	THRIFTY DISCOUNT LIQUOR & WINES
8690	UNCLE SAM FIREWORKS
8700	ASHLEY DURHAM
8714	EDWARD JONES FINANCIAL ADVISOR SH FREDERICK ANIMAL HOSPITAL JOHNNYS PIZZA HOUSE NAIL TIME & SPA
8730	HALCON RESOURCES LOUISIANA CLINICALS RESEARCH LLC SNELLS LIMBS & BRACES
8786	CHANGES HAIR SALON
8790	MIKE & SOPHIAS SOUTHERN PANTRYSH
8810	POST OFFICE EMPLOYEES CREDIT UNION Y
8824	CARRIAGE HOUSE
8848	EXECUTIVE FINANCIAL GROUP SEASIDE HEALTHCARE LLC
8856	LEARNINGRX ROBINSON FAMILY DENTISTRY ROBINSON LARRY K DMD
8870	ASSOCIATED MEDICAL & OXYGEN SUPPLY I BURCHICK JOE MASSAGE THERAPY LAWSON SHELLEY CCCSLP LOUISIAHA COOP PLANS INC MICHELLE DUFOUR BROWN ATTORNEY AT LA MORTGAGE US INC MR MENU PAUL LABENNE INSURANCE REALTY USA SHREVEPORT THE LAW OFFICE OF PAUL L WOOD LLC WORLD BOOK LIBRARY REGIONAL OFFICE
8880	MAXFOOTE CONSTRUCTION COMPANY
8895	HOLY TRINITY LUTHERAN CHURCH ELCA
8900	OCCUPANT UNKNOWN
8901	REOHELL PERKINS
8911	AARON HINES ALYCE WILLIAMS AMBER DICKERSON AMY JOHNSON AMY NEWELL ARLO REMIPHER ARTHUR MCFIELD ARTURO REJON

## YOUREE DR 2013 (Cont'd)

8911 ASHLEY BALTHAZAR  
ASHLEY REED  
ASHLEY WILLIS  
AYDRELL COLLINS  
BERNIE KALINSKY  
BLAKE BOSTIC  
BONNIE BOUNDS  
BRANDY MCCLURE  
BRENT GALE  
BRIDGET ZEIGLER  
CHARQUITA MOORE  
CHRISTIN KNIGHTON  
CHRISTOP JORDAN  
CLINTON WEIR  
CRYSTAL TATUM  
CURTIS BUTLER  
DALE WEATHERMAN  
DAVID FREES  
DEANNA WRUBLE  
DEANTOINETTE BRADFORD  
DETRIOUS ADAMS  
DONLONE WALPOOL  
DUSTIN CASTLEBERRY  
ELAINE TROSCLAIR  
ELISE RIDLEY  
ERIC WRUBLE  
ERICA MAYSHACK  
EVERETT FULLER  
GLORIA PEOPLES  
HEATHER PIERSON  
HUNTER KATRINA  
I HORTON  
JACQUETT HARRIS  
JAKATLYN HILL  
JAMES HEFLIN  
JAMES SMALL  
JASON GATSON  
JEFFREY OLIVER  
JEREMY LIEBENGUTH  
JOHNNY WHITAKER  
JOSEPH WILSON  
JOSEPHINE MCGOWAN  
JOSHUA HUDDLESTON  
JUSTIN CARROLL  
JUSTIN DODSON  
KIM ENCKHAUSEN  
KIM TRAN  
KRISTEN LANGE  
KRISTINA KORTUS  
KRYSTLE TOWETT

## YOUREE DR 2013 (Cont'd)

8911 KWINICA DIXON  
LANDRY COLLINS  
LARRY FLETCHER  
LASHONDR CLARK  
LATRESE LESANE  
LEE HELAIRE  
LISA BRADHAM  
LISA GREEN  
LOIS SOILS  
LOLA BOONE  
LOUIS FRAZIER  
LUYU YAO  
MANDRELL DOUGLAS  
MARJORIE STAMM  
MARY GANDY  
MAURINE HENRY  
MELVIN HUGHES  
MICHAEL KREFFT  
MICHAEL STEINMETZ  
MICHAEL TAYLOR  
MICHELLE SYDNEY  
MISTI JACOBSEN  
MITEB ABULLAH  
NICOLE CHRISTOPHER  
OMOSALEWA ABEGBOYEGA  
ONEIKA JACKSON  
P MCCLOUGHT-SUDD  
P RUSH  
PATRIC ANDERSON  
PHILLIP BROWN  
RASHUNDA MORRISON  
RAYMOND ZIMMERMAN  
RENADA KNOX  
RICHARD DURRETT  
ROBERT RONCO  
RONALD BREAUX  
RUBINA COOK  
SAIED ELSHAER  
SAMANTHA CUSTER  
SCOTT MUTTER  
SEAN CARSON  
SHAWNDREKA AUBREY  
SHYRA FULLER  
SHYRA MULFORD  
SIMONNE KLINE  
STEPHEN MILLER  
STONE CANYON  
SUMMER BLUFORD  
SUSANNAH ALLEN  
SUSIE JOHNSON

**YOUREE DR 2013 (Cont'd)**

8911 TASHA LEWIS  
 TERRENCE CONNER  
 THOMAS MUELLER  
 TIA FOSTER  
 TIFFANY LAENGER  
 TONY KELLEY  
 TONY KEY  
 TONYA SHEPPARD

8925 GATEWAY ASSEMBLY OF GOD CHURCH

8961 DUNIGANS FITNESS CENTER

9020 CLOSETS IN ORDER  
 LOCKE PROPERTIES INC  
 RESIDENTIAL MANAGEMENT CORP

9050 ALEXANDRIA HILL  
 ALICIA JEFFERSON  
 ALLISON KELLY  
 ANNIE JAMES  
 ANTHONY COSTELLO  
 ARDIS BELL  
 ASHANTI BARFIELD  
 AUTUMN WOODS APARTMENTS  
 BELINDA ANDERSON  
 BENJAMIN GRANT  
 BLANCHE MCGHEE  
 BREIONE ENCALADE  
 BRENDA MEDEULLIN  
 BRENDA NICHOLAS  
 BRIDGET CANNON  
 BRIDGET SCHILLING  
 BYRON LANDON  
 CASSY CAIN  
 CHARITY WIMBERLY  
 CHARLES HORTON  
 CHRISTIANE JANI  
 COURTNEY FARLEY  
 CRYSTAL FIFER  
 CRYSTAL ZUNIGA  
 CYNTHIA TARGET  
 CYNTHIA WILSON  
 DANA BROSSETT  
 DARLENE ALEXANDER  
 DARRELL FAVIS  
 DAVID ASHLEY  
 DAVID STERGION  
 DEBORAH WATSON  
 DERRICK FRIERSON  
 DOROTHY CLARK  
 EBONY MCCARTY  
 ELANA GATES  
 ELIZABETH STEWART



**YOUREE DR 2013 (Cont'd)**

9050 ELLISE GARMON  
ELOIDA MAILED  
EMMANUEL CLOTTEY  
ERICA GREEN  
ETHEL HARRIS  
F ADAMS  
FELIX VICENTE  
FORREST LAMETTE  
FRANCIS ASHLEY  
FRED HOLMES  
GABRIELL RANDOLPH  
GEORGE ALDERMAN  
IEXHALE SHAW  
IMELDA WHITEHURST  
ISMAEL CRUZ  
JASON FORD  
JEFFREY GLADNEY  
JENNIFER WOODS  
JESSE LASPER  
JIMIKA MCGRAW  
JOHN HARLESS  
JONATHAN ROARK  
JUDE COLLINS  
JULIA FOLEY  
JULIEN SINGLETON  
KATHY BERNSTINE  
KECHA ALEXANDER  
KIMBERLY JASMIN  
KIMBERLY MURPHY  
KRISTA BURTON  
KRISTIE WORTHAM  
LATASHA QUALLS  
LAURA BRITO  
LINDA CLAYTON  
LINDA LANE  
MARVETRA JACKSON  
MAXIE FOSTER  
MICHELLE TURNER  
MIKE LURASCHI  
MIRANDA CORMIER  
NADOSHA HINES  
NATALIE COLLINS  
NORMAN METCALF  
OM SHRESTHA  
PEARLIE POWELL  
RANDOLPH GABRIELL  
REKITA JENSON  
ROBERT MINCH  
ROBERT PARKER  
ROBIN HARRISON

**YOUREE DR 2013 (Cont'd)**

- 9050 ROSHANDA SPEARS  
SAMINA SHARIF  
SHIRLEY TAYLOR  
STACY BOULT  
SUSAN MAY  
TAMARA WILEY  
TARAE HARDMAN  
THOMAS ATTAWAY  
TYRELL WILLIAMS  
WILLIE DOUGLASS  
YAZARIA WEST
- 9051 CHURCH OF THE ATONEMENT REFORMED  
CRANMER THEOLOGICAL HOUSE
- 9054 PHIL VICKERS
- 9100 ST NICHOLAS ORTHODOX CHURCH
- 9151 ARK LA TEX PORTABLE STORAGE  
EVERYTHING MARKETING  
NATIONAL MAILIT  
PODS MOVING & STORAGE SHREVEPORT
- 9204 APOSTOLIC FAITH TABERNACLE
- 9205 BANK N BUSINESS SYSTEMS  
GLOBAL DOCUGRAPHIX  
PROFESSIONAL PRINTING & PUBLISHING I
- 9211 STOWAWAY PERSONAL STORAGE
- 9212 SOUTHERN AUTOMATION INC
- 9261 LOYD E K DR  
SOUTHSIDE ANIMAL HOSPITAL

**HIGHWAY 1      2008**

8038	DANIEL HACKWORTH
8050	BARRY TERRY
8051	KEVIN MILLER
8073	LEE BAKER
8075	JUDITH CARR
8078	DONNA TYLER
8089	MIKE ARCENEUX
8230	JAMES SPEARMAN
8234	E BALLARD
8310	BRUCE WRIGHT
	DEBRA FREDERICK
	STEVEN GIDDINGS
9305	DUBOIS CONSTRUCTION
	LA ROCK PRODUCTS
9333	JOHN LEWIS
9391	FLOWERBED MAN
10257	DRIL PATTERSON
10296	ROBERT ROWELL
	ROWELL JAMES A JR
10340	DARRELL LACAZE
10397	CADDO BOSSIER PORT COMMISSION
10399	OMNI SPECIALTY PACKAGING
10411	TRUE SOUTH OIL
	TRUSOUTH OIL
10845	ARKLA DISPOSAL SERVICES INC
10877	RICHARD WARD
10889	ARCH CHEMICALS INC
	PEAK SULFUR INC
10911	RED RIVER TERMINALS
11015	JAMES SONNIER
11206	ARTHUR TAYLOR
11214	E BROWN

**LEONARD RD 2008**

1224 ROBERT MORGAN  
1240 ROSE FITZGERALD  
1250 STUART MILLS  
1298 HURRI CANES  
1310 DONALD KIMMELL  
1311 LOU MYATT  
1350 GLENN MERICLE  
MERICLE CONSULTANTS LLC  
1372 PAUL SISSON  
1454 STANTON DOSSETT  
1530 BARRY PASLEY  
1550 DAVE WATKINS  
1580 CREIGHTON WEBB  
1675 CFD 5  
1680 BARRY KIMBLE  
1750 OPAL RHINEHART  
1780 LEE HEARN  
1850 JAY ROSSI  
1890 CLAUDE CARRIGAN  
1910 SAMANTHA LACOUR  
1912 HAROLD WILLIFORD  
1920 STEWART CLANCY  
1930 JENNY PIERSON



## YOUREE DR 2008

7460 EXPRESS CHECK ADVANCE  
GUMBO DADDYS CAFE LLC  
STYLE NAILS

7500 COURTESY CHEVROLET INC

7521 BRYAN W RANDOLPH DPM

7580 HILIFE FURNITURE LLC

7600 WRIGHTS SOUND GALLERY INC

7601 MONJUNIS OF PORTICO INC

7603 FLOWERS FOR YOU  
SDW ENTERPRISES INC

7607 BIBENTUCKERS BAGELS  
MATTBROWN CO  
SPORTSPECTRUM

7793 LAKITA WILLIAMSON  
NATASHA HARDY

7798 WSMC INC

7800 A TRIPLETT  
ALBERT MCLEAN  
ALISHA STAGGS  
ALISSA HERRING  
ALTON TYLER  
AMY AILLET  
ANN CAUSEY  
ANN SCOTT  
ANNA MURRAY  
APRIL DELACRUZ  
ARCHIE KEYS  
ARTHUR TALLEY  
ASHLEY BEVER  
ASHLEY COLE  
ASHLEY NORTHCUTT  
ASHLEY WIMBERLY  
BETHANY NEWMAN  
BETTY SHAFER  
BH MANAGEMENT SERVICES INC  
BILLY HAYES  
BLAKE DUBROC  
BOBBY BURNETT  
BRANDON PHILLIPS  
BRANDON STEPHENSON  
BRENDA HOLT  
BRITTANY HAWTHORNE  
BRITTNEY WHITE  
BRUCE STROOPE  
CAMERON LUTRELL  
CAREEN FOWLS  
CAROL DOEKER  
CAROL SHOCKEY  
CAROLINA CASTANEDA  
CARRIE WALL

**YOUREE DR 2008 (Cont'd)**

7800 CARY HAWTHORN  
CASEY MYGRANTS  
CECTRIA GREEN  
CELIA MANGHAM  
CHARLES GLASSCOCK  
CHASITY CHEEVIS  
CHRIS BRAZIL  
CHRIS RUSSELL  
CHRISTOPHER DAVIS  
CLEVELAND WILLIAMS  
CYNTHIA STRICKLAND  
DANE NOREM  
DEANDRE GREEN  
DENISE DONLEY  
DENISE KNIGHT  
DESIREE BROWN  
DIAN JOHNSON  
DON DAIGLE  
DON NEM  
DONGBING WEI  
DOROTHY MILLER  
DOTTIE ALEXIS  
ED HUMPHREY  
EDGAR PETEET  
EDIN SANTIAGO  
EDWARD JORDAN  
EGBERT IMOMOH  
ELBERT MCMAHON  
ELIZABETH SANFORD  
ELIZABETH SYLVIA  
ELOUISE JONES  
ERICA BAKER  
ESTEN IRVIN  
FAYE GLASS  
FRANCES COMEAUX  
GERALDINE BANKS  
GEREMY HARP  
GILL CARTER  
GISELA AMIDON  
GLORIA PEOPLES  
GREGORY STILLS  
GREGORY WALKER  
HALIM FADIL  
HEATHER BALLOU  
HEATHER GILES  
HEATHER THOMPSON  
HEIDI ROBERTS  
HENRY SCHELDE  
HILTON JENNINGS  
IAN ROSS

**YOUREE DR 2008 (Cont'd)**

7800 ILY FERNANDEZ  
IMMA CLARK  
J BATES  
J FITZGERALD  
J ROSSON  
JACOB HOLLINGSWORTH  
JAMES DAVIS  
JAMES LAMB  
JAMES YOUNGBLOOD  
JANET LANEY  
JANICE DAVIS  
JEAN LAFITTE  
JEFFERY WILLIAMS  
JENNIFER HUDDLESTON  
JERIMI AARON  
JERRALD AMAYA  
JERRY HARRISON  
JESSICA PARKS  
JIBRIEL RICHARDSON  
JIM HAMITER  
JIMMIE CUDJO  
JOEL GLOVER  
JOELL DELEON  
JOHN DEAM  
JOHN LITTLE  
JOHNNY WHITAKER  
JOY CAMPBELL  
JOY TURNER  
JULES FREDERICK  
JULIET PEEVY  
JUNE WILLIAMSON  
K BARKLEY  
KAREN MARTINEZ  
KATHY HORN  
KATRINA SCROGGINS  
KAY NADER  
KEITH GOODE  
KELLEY DOHERTY  
KENNETH STEWART  
KIMBERLY CHESTER  
KURT CARTWRIGHT  
LARRY LAPRARIE  
LAURA WATSON  
LENA GHAZAWNA  
LILLIE STROUGHTER  
LINDA ALEXANDER  
LISA GEORGE  
LYMAN MCKELLAR  
LYNNETTE BRIM  
MARCUS DUTTON

## YOUREE DR 2008 (Cont'd)

7800 MARGIE CARLSON  
MARGUERITE COPELAND  
MARILYN VASSALLO  
MARK CHOJNACKI  
MARK PATRICK  
MATTHEW EDWARDS  
MEGAN HUBBARD  
MICHAEL BOOZE  
MICHAEL CASTANEDO  
MICHAEL COMPTON  
MICHELLE CHAMPENOIS  
MICHELLE FLEISHAUER  
MICHELLE THOMPSON  
MONICA MITCHELL  
MONTEZ BABIN  
NICK DELOUCHE  
NICOLE BENNETT  
NICOLE CHRISTAW  
NIYA WALLIS  
OSBORNE OWENS  
PAIGE PHILLIPS  
PATRICIA CAIRNS  
PAUL MILLER  
PHI DELTA KAPPA  
R BOYD  
RANDAL CLER  
REBECCA LAGRANGE  
REBECCA LARRIER  
REGINALD PATTERSON  
RHONDA LEWIS  
RICHARD BREAZEALE  
RICHARD WALLEVERD  
RICKEY ANN WOOSTER  
ROBERT CLINE  
ROBERT SISSOM  
ROBIN HUMPHRIES  
ROBIN JOHNSON  
RON HANDBERRY  
RYAN RAMBIN  
RYAN WOODS  
SABRINA JACKSON  
SAMUEL MURPHY  
SANDRA DONATHAN  
SANDRA JONES  
SEAN BAMBURG  
SEARS CARPET & UPHOLSTERY CLEANING  
SHARON GLYENN  
SITO NOSIRRAH  
STANLEY PINKERTON  
STEPHANIE CAIN



**YOUREE DR      2008      (Cont'd)**

7800	STEPHANIE LARKINS STEVE MUDD SUSAN BURNETT SYLVIA RUBENSTEIN TACUMA LAMPKIN TANYA RESENDES TASHAWNA MATHEWS TCHKSEL COOKS TERENCE WOLLERT TERESA BARRETT THANH VO THOMAS HUNNICUTT TIFFANY HANSON TOCKNEEA DAY TOMMIE BRADEN TOWNE OAKS SOUTH TRACY YOUNG TURNER & ASSOCIATES INVESTIGATION VICKIE COX VIRGINIA RUSSELL VIVIAN HOLDER WENTA SNOW WILLIAM CRUISE ZACHARY LARRIMER ZENA MARABELLA
7803	ARBYS ROAST BEEF JOE PULLIUM
7805	MR GATTIS
7806	MR GATTIS INC
7813	BERG JACK L MD FAMILY MEDICAL CENTER
7821	FOOT SPECIALIST OF SHREVEPORT
7823	MICHAEL BEAL MD PIERREMONT EAR NOSE & THROAT
7837	WORGUL
7843	CHRISTOPHER SHELBY MD A PR CUSTOM CALIBER PIERREMONT EYE INSTITUTE
7847	PORTICO PEDIATRICS
7853	PIERREMONT FACIAL RECONSTRUCTIVE SANDERS KENNETH W MD
7900	MICHAEL CLEVELAND
7925	BARTON R SHANE MD BILDERBACK KARL K MD BROOKSHIRES PHARMACIES J ERIC BICKNELL MD MAYS JOHN T MD MID SOUTH ORTHOPEDIC & SPORT MEDICIN MIDSOUTH ORTHOPEDICS POSNER REBECCA A MD

**YOUREE DR    2008    (Cont'd)**

7925    SHAHRDAR CAMBIZE MD  
 THE ORTHOPEDIC CLINIC  
 WILLIS KNIGHTON HEALTH SYSTEM REHAB

7929    LOUISIANA NEUROLOGICAL SPECIALTY

7941    BYRD EDWUN H JR MD  
 CELLULAR ONE  
 E B ROBINSON MD  
 OBGYN ASSOCIATES OF SHREVEPORT  
 ROBERT A TUCKER MD  
 SANDIFER DARRELL B MD  
 WATERFALLEN JOHN W MD  
 WEST WARREN C JR MD

7949    PORTERS DRY CLEANERS  
 PORTERS OF LOUISIANA INC

7950    INTERSTATE 75 STORE

8000    TIM WOMENS CLINIC

8001    ABDEHOU DAVID M MD  
 ADVANCED HEALTH LLC  
 ADVANCED LASER CLINIC OF SHRVPR  
 ASHOK KOMPPELLI MD  
 BEN H QUINNEY JR MD  
 BICKNELL H RYAN JR MD  
 CARDIOVASCULAR CONSULTANTS LLP  
 CASSIERE S GERMAN MD  
 CHARLES R BYRD MD  
 CHRISTOPHER A GAYLE MD  
 CLAUDE V LOCKHART MD  
 COLON & RECTAL ASSOCIATES  
 COMPREHENSIVE NEUROSURGERY NET  
 CRAWFORD PAUL G MD FACOG  
 DAVID A SCOTT MD  
 DERMATOLOGY & SKIN SURGERY  
 DR KENNETH FITZGERALD III  
 DR WEN LIU INC  
 ELMAJIN DONALD A MD  
 FLAKE & SELF MDS  
 GANDHI RAJ MD  
 GASTROENTEROLOGY ASSOCIATES  
 GIAO N DO MD  
 GLADNEY JOHN D MD FACS  
 HEMATOLOGY & ONCOLOGY & ASSOCIATES  
 INTERNAL MEDICINE  
 JEROME D DANZELL MD  
 JORGE MARTINEZ MD  
 JUDD THOMAS K MD  
 KNIGHTON WLLIS HSPTALIST GROUP  
 LABARRE JACQUE T MD FACOG  
 LAFARGUE ROBERT T MD FACC  
 LIFECARE HOSPITAL AT PIERREMONT  
 MARLER & GLADNEY MDS

## YOUREE DR 2008 (Cont'd)

8001	MARTIN C BOZEMAN MD MATRIANO LIM ALLAN MD MICHAEL A SCHWALKE MD MIDSOUTH ORTHOPEDICS MOSES WENDY MCBRIDE MD NICKELSON ROBERT A MD OBSTETRICS & GYNECOLOGY PATTERSON MAURIE MD PAUL S WILSON MD PIERREMONT ANESTHESIA CONSULTANTS PIERREMONT FAMILY PHYS PIERREMONT INTERNAL MEDICINE PIERREMONT OB GYN SPECIALISTS PIERREMONT WOMENS CLINIC RED RIVER CONSULTANTS RED RIVER PULMONARY CRITICAL CARE & ROBERT L BARRETT MD ROZEMAN PHILLIP A MD FACC SHINGLETON W BRUCE MD SHREVEPORT BREAST CENTER SHREVEPORT INTERNAL & PED LLC SOCKRIDER CHRISTOPHER S MD SOCKRIDER STEPHANIE W MD STRATTON MICHAEL D MD FACS SURGICAL & ASSOCIATES SUSAN M SHATTUCK MD TAYLOR MARY A MD FACOG TEAGLE CLARENCE R MD UROLOGY ASSOCIATES WILLIS KNIGHTON FITNESS & WELLNESS C WILLIS KNIGHTON HEALTH CENTER PHARMA WILLIS KNIGHTON HEALTH SYSTEM WK PIE WILLIS KNIGHTON PIERREMONT EMR WILLIS KNIGHTON RADIOLOGY WILLIS KNIGHTON UROLOGY WILLIS KNIGHTON VEIN TREATMENT WILLIS KNIGHTON SPORTS MEDICINE WILSON JAMES W JR MD
8003	PHILIP A COLE MD FACS
8010	IHOP INTERNATIONAL HOUSE OF PANCAKES MARFORD OF TEXAS INC
8020	MURPHY USA
8445	AMBER KEY CHAUNTE ROBINSON JESSICA ANDERSON LATOSHA WELLS LUCINA BENNETT LUELLA PLATT MELANIE CARMON

**YOUREE DR      2008      (Cont'd)**

8445	MELANIE FINCH NECOLE DILLARD SAMMIE BELL SETH MCLEAN SHARON MANSON SUSAN GARRIGA UNIVERSITY COURT APARTMENTS
8485	LADEIDRE ADAMS
8510	CAMPUS CORNER CHINA SUNG REST H & R BLOCK KRISTOPHER BRADFORD L A WEIGHT LOSS CENTERS P J S COFFEE & TEA
8515	SPECIAL OLYMPICS LOUSIANNA NORTHWEST
8530	DOMINOS PIZZA
8586	WENDYS OLD FASHIONED HAMBURGERS
8590	CIRCLE K STORES INC
8620	STREET CREATIONS OF SHREVEPORT
8680	SATURDAYS FAMILY HAIR CARE
8686	CUB LIQUOR CO INC
8714	FREDERICK ANIMAL HOSPITAL JOHNNYS PIZZA NAIL TIME & SPA PAPA S PO BOYS RAYMOND N FREDERICK DVM SHARI WHITE SUB EXPRESS SUPERVISORY SERVICES
8730	ANGELO MORREALE DPM
8786	AVERYS CUTTING EDGE AVERYS CUTTING EDGE INC
8790	BIG C FOOD MARTS SOPHIA CHEVRON
8810	POST OFC EMPLOYEES FEDERAL CREDIT UN
8824	GRAND GALLERY OF SHREVEPORT
8848	BURKE & BURKE INSURANCE CHRIS GEVER DUNCAN ASSOCIATES INC EXECUTIVE FINANCIAL GROUP HOLISTIC HYPNOSIS CENTER LAWYERS TITLE INSURANCE CORP NEW ENGLAND FINANCIAL ROMERO & ASSOCIATES AGENCIES
8856	THERAPY CARE INC
8870	APPRAISAL ADVANTAGE GROUP ASSOCIATED MEDICAL & OXYGEN SUPPLY I JOE BURCHICK MASSAGE THERAPY LOUISIANA CO OP PLANS INC PRECISION 1 MORTGAGE CORP

**YOUREE DR 2008 (Cont'd)**

8870 WORLD BOOK INC  
8904 DESHAWNA CARTER  
8911 ADAM PHILLIPS  
ADRIENNE REBELS  
AMIEE BARBO  
ANGELIA SMALL  
ANTHONY EARLY  
ANTHONY WILLIAMS  
ARTHUR GLYENN  
ASHTON BRUCE  
AUSTIN BRIAN  
BENNIE HAMPTON  
BETTY MOODY  
BONNIE BOUNDS  
BRADLEY SMITH  
BRANDON THOMAS  
BRIAN HEADRICK  
BRIAN MAA  
BRIDGETTE MORGAN  
BUTCH MANGHAM  
BYUNGCHUL AHN  
CANTERBURY PLACE APARTMENTS  
CARL HAHN  
CAROL HARRIS  
CASSI CATTS  
CATRICE HARP  
CHARLES DAVIS  
CHARLES GREGORY  
CHRIS STRINGER  
CHRISITINA BROWN  
CHRISTIN KNIGHTON  
CHRISTINA ATKINS  
CODIE SMITH  
CORDELIA CLAY  
CORP OF THE PRESIDENT OF THE CHURCH  
DANITA BRANNON  
DANITA TURNER  
DANNY WELLS  
DAVID FREES  
DEMETRA MCDONALD  
DEREK CABINISS  
ELISE RIDLEY  
ELIZABETH STEWART  
ELMORE MORRIS  
ERIN CARTER  
EUGENIQUE EARIN  
EVERETT FULLER  
FELICIA SCROGGINS  
FUNSHA BAYLOR  
GABRIEL WAMBLE



**YOUREE DR 2008 (Cont'd)**

8911 GLADYS MULLICAN  
GULPANI NAWABI  
HENRY TAYLOR  
JAMES FARRAR  
JAMES HEFLIN  
JEFF RAMSEY  
JENNIFER BELL  
JEROME JOHNSON  
JERRY MORR  
JO NUNNERY  
JOHNNY OLIVER  
JOSHUA HUDDLESTON  
JOYCE BOYETT  
JUSTIN MCKNIGHT  
KEITH BATES  
KINSHASA BRADFORD  
KISMA TRAN  
KRISTEN LANGE  
KRYSTAL CRAIG  
KWINICA DIXON  
L JONES  
LARRY MELTON  
LASHAUNDA MORRISON  
LATONYA MARSHALL  
LINDSEY GILREATH  
LINH HUYNH  
LOLA BOONE  
LORETTA SPEED  
MANCHU YANG  
MANDRELL DOUGLAS  
MANICHA MCDANIEL  
MARCO TUCKER  
MARJORIE STAMM  
MARVIN HILL  
MATHA LANDRETH  
MEGAN ANDREWS  
MICHAEL GAMMONS  
MICHAEL KREFFT  
MICHAEL KRESST  
MICHEAL LOTT  
NICHOLAS BRODY  
NICHOLAS CLARK  
PAMELA PARKS  
PATRICIA PIQUE  
PATRICIA WHITAKER  
PATRICK MITCHELL  
PHILLS MCGRAW-TURNER  
PING ZHOU  
R PRISER  
RANDY JACKSON

**YOUREE DR      2008      (Cont'd)**

8911	RICHARD BUTLER ROBERT BRYANT SALUNDRA GORDAN SAMUEL MCCAMERON SANDRA WADDLES SAVOEUN THET SCOTT HARRIS SCOTT WEATHERMAN SEALY & CO INC SEBASTIAN REJON SERELL ANDERS SERINA JACKSON SHELLEY SPARKS-WETHIN SHERI MILLER SHYRA MULFORD SOL KIM SONITA POOL STANLEY SANDIFER STEPHANIE AINSWORTH TARA HUNTER TARA PALLISER TAWANNA GLADNEY TERESA FROELICH TERESA GREEN TIMIKA GREEN TISHA TAYLOR TONY VU TRAM BUI TRAMAROW COLLIN VERNITA CLARK XIANG LIN XUONG KIM
8925	BROADMOOR ASSEMBLY OF GOD GRACE CHRISTIAN ACADEMY GIRLS ONLY
9009	CIRCLE K STORES INC
9020	LOCKE HOMES INC LOCKE PROPERTIES INC RESIDENTIAL MANAGEMENT CORP
9050	ALEX BAZILE AMANDA CASTLE AUTUMN WOODS APARTMENT HOMES B MCCALPHIN BARBARA PEOPLES BARBARA WILSON BERNIE KALINSKY BREIONE ENCALADE BRIAN SKINNER CARLIN STILLS CARRIE ROBINSON CEDRICK KEITH

## YOUREE DR 2008 (Cont'd)

9050 CHRIS COLLINS  
CHRISTIANE JANI  
CLEOPATRA WALLACE  
CLIFTON WALKER  
CLYDE HILL  
CODY BENTLEY  
D FARLEY  
DANA JACKSON  
DANIEL DELGADILLO  
DARLENE BARONETTE  
DARLENE COX  
DAVID BARAJAS  
DAVID HOCKENBERRY  
DAVID JACKSON  
DEANDRA ALLUMS  
DONNA MARILAND  
DONNIE KNOX  
DOROTHY CLARK  
EDWARD JOHNSON  
ERICA THOMPSON  
ERNESTO RAYGOZA  
ESTER KINGSTON  
ETELERIDGE SCOTT  
FELECIA CUTLIFF  
FELIX VICENTE  
GERALDINE JACKSON  
GWEN TAYLOR  
ISAAC FOSTER  
IVORY WOODS-MASON  
JACKSON CAPLIS  
JASON SHOAP  
JEREMY BOLDEN  
JERROD CHAFFOLD  
JETTIE FULLER  
JON SIMMONS  
JOSALYN CALDWELL  
JOSHUA SCALES  
JOSHUA HAYDEN  
JULIA FOLEY  
JULIAN BALVIN  
KAREN GOINS  
KELLIE WHITEHORN  
KENDRA CLAY  
KENNETH CARTER  
KESWICK DURDEN  
KIANCA BIRDLOW  
LANA EVANS  
LAQUISHA PERRY  
LATASHIA WHITE  
LATRECIA FRANCIS

**YOUREE DR 2008 (Cont'd)**

9050 LAURA TIDWELL  
LAUREN BROOKS  
LAUREN NUGENT  
LEISHA HAYWOOD  
LESLIE YOUNG  
LIBERTY HINKLE  
LILLIE BALL  
LISA MATEO  
LISA MOLINA-MATEO  
LORENZO TYNER  
LORRAINE BENNETT  
LUCILLE MARSTON  
LUIS DAVILA  
MALCOLM DAY  
MARCOS SMITH  
MAXIE FOSTER  
MEGHAN DURRETT  
MELACE MILLER  
MICHELLE HUGHES  
MIKE LURASCHI  
MITCHELL HARRIS  
MTD TRUCKING  
N SAVAGE  
NEAL SMOTHERS  
NELDA WASHINGTON  
NESHA HUDDLESTON  
OLIVIA MUSGROVE  
PHYLICIA RUSHING  
PRISCILLA OJEDA  
QUENTINE THOMPSON  
R WILKENS  
RACHEL BURKS  
RALEIGH MOORE  
REGINALD HOLMES  
REKITA JENSON  
RICHARD CHELLETTE  
ROBERT MINCH  
RONALD SHAFFER  
RSON JAMES  
S MAY  
STEVEN DINKINS  
TANITA KING  
TARAE HARDMAN  
TASMINE PLATER  
TAWANNA SUMBLER  
TERRENCE PRICE  
TERRIE BROWN  
THARNELL LEWIS  
THOMAS KIMBALL  
TIFFANY STEWART

**YOUREE DR 2008 (Cont'd)**

- 9050 TIMOTHY SCOTT
- TOLONYA BRYANT
- TONY BILBREW
- TREMIKA TAYLOR
- TREVIN GRIMM
- TRINIDY FISHER
- ULAS SWINDLE
- VELMA WILLIAMS
- VERNITA WADE
- VERONICA AMADOR
- W GAINES
- W LOVE
- WANDA AVERY
- WILLIAM MATHIS
- WINDY THOMPSON
- XUEFENT LI
- YUSHERIA CHOPANE
- ZACHARY ROBERTS
- 9054 PHIL VICKERS
- 9100 SAINT NICHOLAS ORTHODOX CHURCH
- 9151 NATIONAL MAIL IT
- 9205 BNB SYSTEMS
- GLOBAL DOCOGRAPHICS
- GLOBAL DOCUGRAPHIX INC
- PRINTING PLACE OF SHREVEPORT INC THE
- 9212 PRECISION PROBE & DRILLING
- SOUTHERN MATERIAL HANDLING SPECIALIS
- 9261 DR E K LOYD
- SOUTHSIDE ANIMAL HOSPITAL
- SOUTHSIDE PET HOTEL



**HIGHWAY 1      2003**

7851	RICHLAND HILLS BAPTIST CHURCH
7919	CARL ODOM
7959	JAMES TULLIS
7979	MARK SMITH
8031	PATRICA FEAZEL
8051	SOUTHERN DIRECTIONAL SERVICES
8073	LEE BAKER
8075	JUDITH CARR
8078	GARY WEATHERS
8230	JANINE SPEARMAN
8234	E BALLARD
8310	BRUCE WRIGHT
9305	DUBOIS CONSTRUCTION LA ROCK PRODUCTS
10296	JAMES ROWELL
10340	MICHAEL DELRIE
10397	CADDO BOSSIER PORT CMSN REPUBLIC CONTRACTORS INC
10399	OMNI SPECIALTY PACKAGING
10843	RED RIVER FEED INC
10845	JOHN TUMA
10881	TRIANGLE
10889	ARCH CHEMICALS INC INTERNATIONAL MAINTENANCE CORP RE CLAIM ENVIRONMENTAL LSN LLC
10911	RED RIVER TERMINALS RICH HUDDLE
11001	CHANNEL MARKER
11015	CURTIS YOUNG
11044	VERA PETTIWAG
11206	OLINKA KINCHION
11210	JENNIE LEWIS

**LEONARD RD 2003**

1224 JOHN SCHMIDT  
1240 ANN MCLAURIN  
1250 P MILLS  
1266 SAMUEL MAXEY  
1298 LABBAN & LABBAN CO  
1310 DONALD KIMMELL  
1311 LOU MYATT  
1350 CONSULTANTS MERICLE  
GLENN MERICLE  
1372 PAUL SISSON  
1454 STANTON DOSSETT  
1550 DAVE WATKINS  
1580 CREIGHTON WEBB  
1601 J W OPERATING CO  
1680 BARRY KIMBLE  
1750 EARL RHINEHART  
1780 FRANK GILL  
1890 KLEPPER & ASSOCS INS SERVICES INC  
RAY KLEPPER  
1912 C & W CUSTOM HOMES LLC  
HAROLD WILLIFORD  
1920 JERREL CLANCY

## YOUREE DR 2003

7487 PARKER WILLAM MD  
7500 CHEVY LAND  
COURTESY CHEVROLET  
7580 BASSETT FURNITURE DIRECT  
RONCOR INC  
7600 WRIGHTS SOUND GALLERY INC  
7601 MONJUNIS OF PORTICO INC  
THE OYSTER BAR INC  
7603 JAMES WESTMORELAND  
7607 SPORTSPECTRUM INC  
7798 DAIRY QUEEN  
WSMC INC  
7800 A BAKER  
A DRIGHT  
A RUTHERFORD  
A WARD  
AJAY JAWAHAR  
ALBERT MCLEAN  
AMANDA NICHOLSON  
AMBER CLAUNCH  
AMIE TROQUILLE  
AMISHA DHUDASIA  
AMY AILLET  
AMY WOODLEY  
ANGELA BREWER  
ANGELA BURROWS  
ANGELA MANGUM  
ANN VIVIEN  
ANNE WHITE  
ARRIS SLAUGHTER  
AUBREY RICHE  
B BARNETT  
B ROGERS  
BADEN HOOPS  
BILL SUBIN  
BILL THOMAS  
BILLY CAMPBELL  
BRADLEY TATE  
BRANDON STOCK  
BRENT SHARP  
BRITNAE COLLINS  
BRUCE STROOPE  
BRYAN ROSS  
C BROWN  
C SHIPLEY  
CARL HARPER  
CARL ROSS  
CARL TIBBETTS  
CARLOTA BLYLER  
CATHERINE BEENE

## YOUREE DR 2003 (Cont'd)

7800 CEDRIC FISHER  
CHARLENE ALBRIGHT  
CHERYL WEBB  
CHESTER GRIGSBY  
CHOLE HAYES  
CHRISTIE HARRIS  
CHRISTINA CARAWAY  
CHRISTINA NOTARIANNI  
CHRISTINE DEERING  
CHRISTY LITTLE  
CHRISTY MCNAIL  
CHUCK BROCK  
CHUCK SHOWS  
CINDY JEAN  
COLLETTE KILLION  
COURTNIE POCHE  
CRAIG MORTON  
CRISSY HERNANDEZ  
CRISTINA COSS  
CRYSTAL BATTEN  
CRYSTAL CARTER  
CYNTHIA ASHFORD  
DANA BECK  
DANA HENRY  
DANIEL TERRY  
DANIELLE TOOTHMAN  
DANNY KIMBLE  
DAVE MURPHY  
DAVID CHEN  
DAVID HEBERT  
DAVID JACKSON  
DAVID WASHINGTON  
DEBORAH HICKMAN  
DEEPTI SHUKLA  
DEIRDRE FERRILL  
DENITA NASH  
DESMOND STEWART  
DEXTER GIPSON  
DIANNE ALLEN  
DON NEM  
DONALD BROWN  
DONALD GOLSBY  
DONALD LEE  
DONNA DESILVEY  
DONNY HUGLEY  
DORIS CAMPBELL  
DORIS MCWHITE  
DOROTHY ARNOLD  
DOROTHY MILLER  
DORTHA NETHERLAND

## YOUREE DR 2003 (Cont'd)

7800 DSG ENTERPRISES LLC  
DWAIN SOUZA  
E GAMBLE  
E SNEED  
ED HUMPHREY  
EDGAR PETEET  
ELI HIBBERT  
ELIZABETH SANFORD  
ELSIE HOKINS  
ERIC PEREGO  
ERIC REEVES  
ETHEL MITCHELL  
EUGENE JONES  
EVELYN PRATER  
EVERETT REAGAN  
EVERETT RUSHING  
F RICKS  
FAIRY GLANNEN  
FAYE GLASS  
FELICA BAYONNE  
FERDINAND REGAN  
FRANCES COMEAUX  
GEORGE BULLOCK  
GEORGE WILLIAMS  
GEORGIA BUTLER  
GERALDINE BANKS  
GEREMY HARP  
GREGORY JOHNSON  
GREGORY STILLS  
HELEN ZOU  
HENRY COLEMAN  
HENRY FULLER  
HILTON JENNINGS  
IRENE RAMBIN  
J MODISETTE  
J TURNER  
J WILSON  
JACQUIE COCUS  
JAMES COE  
JAMES DAVIS  
JAMES LEDBETTER  
JAMES SMITH  
JANET JONES  
JASMINE PEOPLES  
JASON BROUSSARD  
JASON CANDLER  
JASON LANDRY  
JEFF CHEEK  
JEFFREY SANDIFER  
JENNIFER LEWIS



**YOUREE DR 2003 (Cont'd)**

7800 JENNIFER SPECHT  
JENNIFER TINER  
JEREMY DREHER  
JEREMY SLAUGHTER  
JEROME AUSTIN  
JERRY BOX  
JERRY JAMES  
JERRY RACHAL  
JERRY TOUPS  
JESSE PORTER  
JESSICA DUCOTE  
JESSICA JANET  
JIM HAMITER  
JIM SANDERS  
JOANN BASS  
JOEY KIMBLE  
JOHN BUNCH  
JOHN CLEMENT  
JOHN HERRON  
JOHN KELLY  
JOHN REED  
JOHN WALL  
JOHNNIE MCEACHERN  
JOHNNY BRASWELL  
JONATHON CARAWAY  
JOSEPH HAMILTON  
JOSEPH NOVAK  
JOSEPH PATTEN  
JOSH CONSTANT  
JUAN GARCIA  
JUDY WRIGHT  
JULIE LAURENT  
JUNE WILLIAMSON  
K BLANCO  
K COLON  
K DICKSON  
K DURBIN  
KAREENA MILLS  
KAREN MCCAFFREE  
KAREN MEUNIER  
KARL JOHNSON  
KATHY HAMM  
KAY NADER  
KD UTILITY LLC  
KENNETH LAUNIUS  
KENOTA PULLIAM  
KENT DEAN  
KEVIN GASPARD  
KIM MAYS  
KIMARX TECHNOLOGY GROUP LLC

## YOUREE DR 2003 (Cont'd)

7800 KIMBERLY CARROLL  
KRISTI TROHA  
KRISTIE MIDDLETON  
LATOYA LONDON  
LEE SHIRLEY  
LEMETRIUS GILLYARD  
LEONARD HAMM  
LILLIE STROUGHTER  
LISA BURFORD  
LISA PICKERING  
LORI INMAN  
LOUIS FLEMING  
M BEASLEY  
M COPELAND  
M COX  
MALEK BENYOUNES  
MANMEET MANGAT  
MARCO FULLER  
MARGARET MCKENZIE  
MARILYN VASSALLO  
MARK TATUM  
MARLO GRISHAM  
MARY MATASSA  
MATT GAUDET  
MATT HUNN  
MATTHEW JONES  
MATTIE BIBLE  
MEGAN FOWLER  
MEHRZAD KHODAVANDI  
MICHAEL BYRD  
MICHAEL DUMAS  
MICHAEL HARPER  
MICHAEL MILLARD  
MICHAEL TUCKER  
MICHELLE HOFFMAN  
MIRANDA COOPER  
MITCH GLADWIN  
MOHAN PHILIP  
MONTEZ BABIN  
MURL DONATHAN  
N TRAEGER  
NELLY APABLAZ  
NICK DELOUCHE  
NICOLE GUZMAN  
NORMA BURNS  
OSBORNE OWENS  
OSCAR CLOYD  
PAMELA PHILLIPS  
PATRICK WHITEHURST  
PAUL MUNDY

## YOUREE DR 2003 (Cont'd)

7800 PETER WEILBAECHER  
PHILLIP EVERETT  
PHYLLIS STIRE  
R CHARLES  
RACHEL LEVO  
RANDOLPH PULLIAM-JOHNSON  
RICHARD ADAMS  
RICHARD BREAZEALE  
RICHARD HOLLIS  
RICHARD WALLEVERD  
RICKEY MIMS  
RICKEY WELLS  
RITA SCOTT  
ROB CHAPMAN  
ROBBIN KENT  
ROBERT BRYANT  
ROBERT CLINE  
ROBERT FOLEY  
ROBERT LAURENCE  
ROBERT MULLINS  
ROBIN HUMPHRIES  
ROBIN SONNIER  
ROOSEVELT ASHLEY  
RUBY SABBATH  
RUSTY HARVEY  
RUTH BOYD  
RUTH SHIFFMAN  
S BROWN  
S DIGIOCOMO  
S JORDAN  
S MCINTOSH  
S MESSICK  
SAM DENISON  
SANDRA CSAPO  
SANDRA GOLDSBY  
SATNAM PAL  
SCOTT SEPULVADO  
SEAN BAMBURG  
SHANNON MALONEY  
SHARON COLEMAN  
SHAWNA COULTER  
SHAWNA SALTER  
SHEREE TERRY  
SHERIF ABDALLAH  
SIDNEY JACKSON  
SITO NOSIRRAH  
SPECTRE FINANCIAL GROUP  
STACIE GULLETT  
STACIE METHENY  
STEPHANIE CAIN

## YOUREE DR 2003 (Cont'd)

7800 STEVEN CANTU  
SYLVIA RUBENSTEIN  
TACUMA LAMPKIN  
TAMMY RATCLIFF  
TC MORRIS  
TERESA DOWDY  
TERESA JONES  
THOMAS GONZALES  
THOMAS HUNNICUTT  
THOMAS JOHNS  
THOMAS SCARPINATTO  
TIBITT ENTERPRISES  
TIFFANY BLACKBURN  
TIM MULLINS  
TOM SALTER  
TONYA MYERS  
TRACY EDWARDS  
TRACY WINTERS  
TREY MOUTON  
VALERIE LYNN  
VAUGHN GILBERT  
VELMA TIPPIT  
VENUGOPAL GOTTIPATI  
VIRGINIA HUNTER  
VIRGINIA RUSSELL  
VIVIAN HOLDER  
VIVIAN ROBBINS  
W CARSON  
WALI SHAHEED  
WANDA WITHERINGTON  
WAYNE COCKERHAM  
WESLEY HOLIDAY  
WILDA SNELL  
WILLIAM GREEN  
WILLIAM PAIGE  
WILLIAM WOOTEN  
WILLIE TALLEY  
WILLIE TYSON  
ZENA MARABELLA  
7803 ARBYS ROAST BEEF  
7805 MR GATTIS  
7806 MR GATTIS  
7813 WILLIS KNIGHTON HEALTH SYSTM  
7823 AVENS TUXEDOS  
GENERAL NUTRITION CENTERS PRTC  
SHANDA WOODS  
7825 FLEMING SUBWAY RESTARNT INC  
7829 JAKE MAJORS  
PIERREMONT OBGYN SPECIALISTS  
7837 WORGUL THOMAS J MD

**YOUREE DR      2003      (Cont'd)**

7843	FITNESS EXPO
7847	CLIFTON M VAUGHN MD
	PORTICO PEDIATRICS
	WILLIAM PARKER
7900	LAURIE LOGAN
	MICHAEL CLEVELAND
7929	CTR FOR HAND & RECONSTRUCTIVE
	MICHELLE RITTER
	RITTER MICHELLE R MD
7941	AT & T WIRELESS SERVICES
	JOHN HAYNES
	JOHN W WATERFALLEN MD
	OB GYN ASSOCS OF SHREVEPORT
	SANDIFER DARRELL B MD
7949	PORTERS DRY CLEANERS
7950	INTERSTATE 75 STORE
8000	ROBERT LONG MD
8001	BICKNELL H RYAN JR MD
	BICKNELL J ERIC MD
	BLACK RIVER COUNTRY LOG HOMES
	BOZEMAN M CRAIG MD
	BYRD CHARLES R MD
	CASSIERE S GERMAIN MD
	CHHABRA ANIL MD
	CHRISTOPHER GAYLE
	CHRISTOPHER GREER
	CLAUDE LOCKHART
	CLINE DEBRA P MD
	DAVID BRYAN
	DAVID DIES
	DONNA RUSHING
	DRS FOR WOMEN
	DRS FOR WOMEN & LOGO THE WORD
	EDDLEMAN GLADNEY & MARLER
	FERGUSON ENTERPRISES INC
	GATROINTESTINA SPECIALIST AMC
	GAYLE CHRISTOPHER A MD FACOG
	HOLLIER HENRY J MD
	JORGE MARTINEZ
	KASABALI BASEL MD
	LAFARGUE ROBERT T MD FACC
	LIFECARE PIERREMONT HOSPI
	M CRAIG BOZEMAN MD APMC
	MARTIN BOZEMAN
	MARTINEZ JORGE DR OFFICE
	MASTER HERBERT B MD OFFICE
	MICHAEL STRATTON
	MICHELLE R RITTER
	MICHELLE RITTER
	MOLLER D J JR MD



**YOUREE DR      2003      (Cont'd)**

8001    OBSTETRICS & GYN  
          PHIL WANG  
          PIERREMONT WOMENS CLINIC  
          PRMNT EAR NOSE & THRT CLNC  
          PULMONARY DISEASE CLINIC  
          QUINNEY BEN H JR MD  
          ROUBEIN LEON D MD  
          SIKAND GURLEEN S MD  
          SWEARINGEN EYE GROUP  
          SZENTIRMAI NICK MD  
          WELT SELMON MD  
          WHITE FREDERICK J III MD FACC  
          WILSON J WOODFIN MD  
          WK PIERREMONT HEALTH CTR  
          WK VEIN TREATMENT CTR  
          YOUREE FAMILY MEDICAL CTR

8003    MICHAEL D STRATTON

8010    IHOP  
          KATHY REIDER

8020    MURPHY OIL USA

8100    EAR NOSE & THROAT CTR

8445    A WATSON  
          AL CANTWELL  
          ALEX DESOLER  
          AMANDA DEAN  
          ANDREW BRITE  
          ANGELA GREEN  
          ANTAEUS CLEVELAND  
          APARTMENTS  
          AUDREY MOORE  
          AUNGELA LACY  
          BARBARA MILLAGE  
          BENJAMIN TANNER  
          BETHANY MATTIE  
          BRIDGETT ELIE  
          CARRIE BARHAM  
          CHAUNTE ROBINSON  
          CHEMIKA DANIELS  
          CHRISTOPHER LUSBY  
          CHRISTOPHER SMITH  
          CODY SISTRUNK  
          CRYSTAL TUIEL  
          DARRELL ARD  
          DOMINIC CLAIBORNE  
          ELIZABETH TREVINO  
          ERIC ALLEN  
          ERIC ELMORE  
          ERIC MORRIS  
          FRANCES SOCHA  
          GINA SARULLO

**YOUREE DR 2003 (Cont'd)**

8445 GREG GARROW  
HALEY REGGIO  
HEATHER FRAZIER  
HEATHER WATKINS  
IAN MULDREW  
JAIME BELL  
JAMES HARKINS  
JANE GORDON  
JANELLE COLEMAN  
JAROD VERMEESCH  
JASON STEWART  
JESSICA DJEDJOS  
JESSICA GREGGS  
JOE ALBARADO  
JOHN BRUNSON  
JOHN PATRICK  
JOSEPH GARILUS  
KAITLIN HARRIS  
KATHRYN WOOD  
KAYE IVINS  
KEIDAW BARTLETT  
KENDALL RUTHERFORD  
KENNETH BRADLEY  
KENNETH CARHEE  
KENYA GLADNEY  
KEVIN BROWN  
KEVIN HAINES  
KIAUNA EDWARDS  
KIMBERLY LITTON  
KRISTINA LADNER  
KRYSTAL SMITH  
LASHONDA SUDDS  
LASTATE  
LATHAN HAHN  
LATOSHA WELLS  
LESLEY HAYNES  
LETHA STAHL  
LOUISIANA STATE UNIVERSITY  
LUCINA BENNETT  
LUELLA PLATT  
LYN THOMAS  
MARCIA HUNTER  
MARCIA STEWART  
MARK CHRISTOPHER  
MARY WINGO  
MATT MARSIGLIA  
MELANIE GRIGSBY  
MISTY MCCLINTOCK  
MONICA DAVIS  
MORGANA BURCH

**YOUREE DR      2003      (Cont'd)**

8445	NATALIA BRACCO NICOLE ZUFELT NINA ALFORD NINA JACKSON PEGGY SMITH PHILIP OUBRE RACHEL CHATMAN RACHEL KELLY RENE GILLS RICERO JAMES ROBERT MCGUIRE RUPAL VASANJI RYAN BARNABY S DOYLE S HENRY S MURPHY S STJULIEN SAMANTHA JEFFERS SAMIRA JAMEI SANDRA WASHINGTON SCOTT RICHE SETH MCLEAN SHAMEKA CRITTON SHANNON COLLINS SHANTORIA BRITTON SHARON MANSON STEPHANIE SUMLIN TAI PARKER TERRI PLAYER TIFFANY DEARMAS TIFFANY JOHNSON TINA MARKS VALERIE VEALS VASHONDA ROBERSON VONDARIUS HEARD WILL ELLIOTT
8485	L ADAMS
8515	BOBBY GEORGE CAMPUS FEDERAL CREDIT UNION SPECIAL OLYMPICS NRTHWST AREA STATE OF LA L S U SHREVEPORT STUDENT BAPTIST CTR LSUS USA WEIGHT LIFTING DVLPMNT CTR
8530	DOMINOS PIZZA
8586	STARLIGHT CONSTRUCTION
8590	CIRCLE K STORES INC
8675	SEAN RICHARDS
8680	SATURDAYS FAMILY HAIR CARE
8686	THRIFTY DISCOUNT LIQUOR
8701	BAPTIST STUDENT CTR LSUS

**YOUREE DR      2003      (Cont'd)**

8714	ERNEST YOUNG FREDERICK ANIMAL HOSPITAL PAPAS RAYMOND FREDERICK SPIRIT RENT A CAR INC SUB EXPRESS TERESAS NAILS
8790	BIG C FOOD MARTS SOPHIA C STORE
8810	POST OFFICE EMPLY CRDT UNION
8824	GRAND GALLERY R & D GRAND LLC
8848	DAVID HENRY FAMILY MEDICAL CTR JOHN GEYER
8856	DORGAN ENGINEERING DESI HERMAN SESSION NEW DAY REHABILITATION ROBERT SHERIDAN DDS SCOTT CROFT SHERIDAN & SHRDN FMLY DNTSTRY SHERIDAN FAMILY DENTISTRY SHRDN BOB DDS MA CAPT USMC RET THERAPY CARE INC VIRGINIA WILSON INSRNC AGENCY
8870	ASSOC MEDICAL BURCHICK JOE MASSAGE THERAPY COTEL TELECOMMUNICAT SERVICES LOUISIANA CO PRE PAID LEGAL SOUTHLAND HOME HEALTH WORLD BOOK LIBRARY RGNL OFC
8895	HOLY TRINITY LTHRN CHRCH ELCA
8900	ELECTROLUX
8911	A BOURGEOIS ADAM MYERS ALFRED HYDE ANGELA GRAGGS ANTHONY WILLIAMS ARTHUR GLYENN BERESFORD CIPRIANI BLAKE MARCHIVE BRAD MAY CANTERBURY PLACE APARTMENTS CARLOS JANUARY CAROL DOUCET CATISHA WOODS CELIA THOMPSON CHARLES HERRMANN CHARLES MARTIN

**YOUREE DR 2003 (Cont'd)**

8911 CHRISTINA COLE  
CHRISTOPHER GRIFFIN  
CHRISTY LIZYNESS  
COREY PAGE  
DANA TATUM  
DANIEL DENBY  
DANIELLE MAPLES  
DAVID ROBINSON  
DEBBIE WALTERS  
DON MCDONALD  
DONALD KINCH  
E BOONE  
FLENARD AUTREY  
GAILL FENDENHEIM  
GARRETT SANDERS  
GARVIS HOLMAN  
GENE STEVENS  
GERALD BASS  
GLADYS MULLICAN  
GRACIE SIMMS  
I DUCKWORTH  
J FOLEY  
J LARA  
JACKIE FINKE  
JAMES KELLEY  
JAMES KIDD  
JAMES METZGER  
JAMES WHITE  
JASON HOFFMAN  
JASON HORST  
JASON NECTOUX  
JAVAD KAZEMI  
JEANETTE SMITH  
JEFFREY KING  
JENNIFER HARRISON  
JEREMY SMITH  
JILL LAWRENCE  
JOEY PRESLEY  
JOSHUA LOWE  
JOVAN EGHTESEADI  
KAREN HICKS  
KATHERINE LEONARD  
KELLI FONTENOT  
KENNETH EVANS  
KEVIN DOWDEN  
KIMBERLY HAWKINS  
KIMBERLY LANE  
KRIS BAXTER  
KRISTY PATTERSON  
KYLE COOK



## YOUREE DR 2003 (Cont'd)

8911 LAKESHA BARNES  
LAKESHA HILL  
LAWANNA WASHINGTON  
LDS MISSIONARIES  
LEROY ELLISON  
LOREL NORDQUIST  
LORETTA SPEED  
MANCHU YANG  
MANDY WALL  
MARCUS BROWN  
MARICA DAVIS  
MARLON BOND  
MARVA WILKS  
MELIDA BAUGH  
MELISSA HODGES  
MICHAEL MANN  
MICHEAL SWENSON  
MITCH JONES  
NICHOLAS GRADY  
OTLEY BETHEL  
PAMELA ASHLEY  
PAMELA MAEWEATHER  
PATRICK BRAKE  
PEDRO RODRIGUEZ  
PEGGY ELZIE  
PERRY MONTGOMERY  
PETER CERNIGLIARO  
PEYMAN ROOHANI  
PHILLIP ADDY  
PORTIA WHITE  
R BRYANT  
R CASEY  
RITA COLES  
ROBERT MOULDEN  
RYAN FOWLER  
SAPHO KIM  
SCOTT MEYERS  
SEBASTIAN REJON  
SHANMUKA SHIVASHANKARA  
SHARLA PARKER  
SHARON HEAD  
SHERRY GLADNEY  
STANLEY MANGHAM  
STEPHEN MARTINEZ  
SUZANNE EBBITT  
SWAPNA BOBBA  
TAMELA SNIDER  
TERRI KINSEY  
TIMOTHY WALLS  
TINA CLARK

**YOUREE DR      2003      (Cont'd)**

8911	TUNDREA GARDNER VERNITA CLARK VINCENT WEBB WILLIAM FISHER
8925	BRDMR ASMBLY OF GOD FMLY LIFE BROADMOOR ASSEMBLY OF GOD
9020	COBBLESTONE SALES OFFICE LOCKE HOMES INC LOCKE PROPERTIES RESIDENTIAL MANAGEMENT CORP
9050	A COOKS ALEXANDER SQUIRE ALPHONZO FULLER ANDRE BAYLOR ANITA MAXWELL ARNENIA MARTIN BOBBIE SOUTHERN BRENDA DAVENPORT BRUCE ROBINSON C TAYLOR CARRIE ROBINSON CATHERINE HOPKINS CHARLYN MCKINNEY CHRISTOPHER LAKE CINDY WILLIAMS COMONESHA BUTLER CURTIS WILLIAMS DAVID BARAJAS DAVID FOSTER DAVION WALLACE DESIREE BARNES DONALD MORRIS-KNOX DONNA MORRIS DONZETTA ROBERTS ELLA HINES EMMA HAYS ESTER KINGSTON FELICIA JENKINS FRANCESCA BROWN GLADYS HARRIS GRADY BROWN HUEY ASHLEY JEROME WASHINGTON JERRICA WELLS JOHN GIBBS KARA ROSS KENNETH SIMS KESWICK DURDEN L CRAWFORD LENORA RUSSELL

**YOUREE DR      2003      (Cont'd)**

9050	LILLIAN EDWARDS LINDA COLEMAN LINDA DIXON LINDA LINACRE LISA MILLS LOUISE CROCKER LYNN BRANTLEY MAISHA LACY MARC GALLAWAY MARGARET WILLIAMSON MARLO ACOSTA MARY BARBOUR MAXIE FOSTER MIKE LURASCHI PATIENCE MCCOY PATRICIA MOSLEY PATSY WALLACE QUANDRALA PETERSON RASHEEDA JOHNSON REBECCA FLORES REMONICLE DIXON RONALD YOUNGBLOOD ROSILAND DENNIS RUEBEN SANDOVAL S LEWIS SANDY MOORE SHEMEKIA BATES SHEMIKA HOWARD SHIRLEY TAYLOR SONYA CARTER STACY BORNER STEVEN SMITH TAMIKIA ANDERSON TONYA SHEPPARD TUNESHA MORAN VERNITA WADE VERONICA ATKINS VIRGIL STONE VIRGINIA CANNON W LOVE WANDA JOHNSON WENDY HUNT WENDY WAINES WILLIAM HALL
9100	ST NICHOLAUS ORTHODOX CHURCH
9205	AMERICAN BANK PRODUCTS GLOBAL DOCUGRAPHIX PRINTING PLACE
9211	STOWAWAY PERSONAL STORAGE
9212	RANDY NIXON

Target Street

Cross Street

Source

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Cole Information Services

**YOUREE DR 2003 (Cont'd)**

9261 EDWARD LOYD  
SOUTHSIDE ANIMAL HOSPITAL  
9291 E DUNCAN

**HIGHWAY 1 1999**

7997	JAMES ELLIOT
8038	DANIEL HACKWORTH
8041	RODNEY HENDRICKSON
8050	BARRY TERRY
8051	KEVIN MILLER
8073	LEE BAKER
8075	COUNTRY KENNELS JUDITH CARR
8078	DONNA TYLER
8230	SUSAN ISONHOOD
8234	E BALLARD
8310	DEBRA FREDERICK JIMMY JACKSON STEVEN GIDDINGS
9305	DUBOIS CONSTRUCTION LAROCK PRODUCTS
10257	DRIL PATTERSON
10296	ROBERT ROWELL
10340	DARRELL LACAZE
10344	KIM RULEY
10877	RICHARD WARD
10889	OLIN CORPORATION CHEMICALS GROUP
10911	RED RIVER TERMINALS
11015	JAMES SONNIER
11210	JOHN LEWIS
11214	E BROWN
11860	CTS & D
12531	PAUL TYLER
13385	RICHARD FITZGERALD
13449	JEREL ALLEN
13452	EDWARD WHITEHURST
13453	SCOTT MATTHEWS



**LEONARD RD 1999**

1224	ROBERT MORGAN
1240	ROSE FITZGERALD
1250	HILTON FERGUSON
1266	MAXEY LABORATORY INCORPORATED
1298	HURRI CANES
1310	DONALD KIMMELL
1311	LOU MYATT
1350	GLENN MERICLE
1372	PAUL SISSON
1454	STANTON DOSSETT
1530	BARRY PASLEY
1550	DAVE WATKINS
1580	CREIGHTON WEBB
1680	BARRY KIMBLE
1750	OPAL RHINEHART
1780	LEE HEARN
1850	JAY ROSSI
1860	GARY BROOME
1890	CLAUDE CARRIGAN
1910	LACHANDA MCCALL
1930	JENNY PIERSON

**YOUREE DR 1999**

7600 SOUND GALLERY  
WRIGHTS SOUND GALLERY INCORPORATED  
7601 MONJUNIS OF PORTICO  
7603 BRITE TOMATO CUISINE & SPIRITS  
7607 ENGLISH & FRANKS ENGRAVING  
7615 CALIFORNIA NAILS  
7617 SYLVAN LEARNING CENTER  
7621 IMPERIAL DRY CLEANERS & LAUNDRY INCORPORATED  
7793 LAKITA WILLIAMSON  
NATASHA HARDY  
7798 DAIRY QUEEN BRAZIER  
7800 A TRIPLETT  
ADRIA WERNER  
ALBERT MCLEAN  
ALISSA HERRING  
ALTON TYLER  
AMISHA DHUDASIA  
ANITA LANDRY  
ANN CAUSEY  
ANN SCOTT  
ANNA MURRAY  
APRIL DELACRUZ  
ARCHIE KEYS  
ASHLEY COLE  
ASHLEY GOLEMON  
ASHLEY WIMBERLY  
BELINDA ANDERSON  
BETHANY NEWMAN  
BETTY SHAFER  
BOBBY BURNETT  
BRANDY FRYBARGER  
BRANDY WILLIAMS  
BRITNAE COLLINS  
BRITTANY HAWTHORNE  
BRUCE STROOPE  
CARL ROSS  
CAROL DOEKER  
CAROL SHOCKEY  
CAROLINA CASTANEDA  
CARRIE BIGNAR  
CARRIE WALL  
CASEY MYGRANTS  
CASSANDRA KEITH  
CECTRIA ASHLEY  
CHAD MOON  
CHARLES DONLEY  
CHARLES GLASSCOCK  
CHERYL THOMAS  
CHRIS BRAZIL  
CHRIS PARRISH

**YOUREE DR 1999 (Cont'd)**

7800 CHRIS RUSSELL  
CHRIS SCHLOEMER  
CHRISTOPHER DAVIS  
CLARA WHITNEY  
CLEVELAND WILLIAMS  
CODY COX  
CRAIG HOLT  
DANE NOREM  
DAVID HANDBERRY  
DESIREE BROWN  
DEVIN SMITH  
DIANA WRIGHT  
DILLON LAMARTINIERE  
DON DAIGLE  
DOROTHY MILLER  
ED HUMPHREY  
EDGAR PETEET  
ELIZABETH SANFORD  
ELIZABETH SYLVIA  
ELOUISE JONES  
ERIC THOMAS  
ERICA UPSHAW  
F BIVINS  
FAYE GLASS  
FLORENCE DUFFIELD  
FRANCES COMEAUX  
GARY WRIGHT  
GERALDINE BANKS  
GERTRUDE CLAY  
GILL CARTER  
GISELA AMIDON  
GRACE VALENTINE  
GREG HENSLEY  
GREG SIANO  
HEATHER THOMPSON  
HEIDI ROBERTS  
HILTONS BUSINESS MACHINES & REPAIR SERVICE  
J ROSSON  
JACOB HOLLINGSWORTH  
JAMES DAVIS  
JAMES KIDD  
JAMES YOUNGBLOOD  
JANET LANEY  
JANICE DAVIS  
JEREMY GRAVES  
JEREMY WORK  
JERRY HARRISON  
JESSE LANGFORD  
JESSICA ROZIER  
JIBRIEL RICHARDSON

**YOUREE DR 1999 (Cont'd)**

7800 JIMMIE CUDJO  
JOANN KNIGHT  
JOHN LITTLE  
JOHNNY WHITAKER  
JOSE PEREZ  
JOY TURNER  
JR SMITH  
JULES FREDERICK  
JUNE WILLIAMSON  
K BARKLEY  
KAREN MARTINEZ  
KATHY HORN  
KAY NADER  
KENNETH COPELAND  
KENYA MURPHY  
KIMBERLY CHESTER  
LARRY LAPRARIE  
LATOSHA WELLS  
LAURA WATSON  
LENA GHAZAWNA  
LESSIE WHITE  
LILLIAN LEBLANC  
LILLIE STROUGHTER  
LIZZIE SCROGGINS  
LYMAN MCKELLAR  
LYNNETTE BRIM  
MARILYN VASSALLO  
MARK PATRICK  
MARVETTE BOGGS  
MAXWELL VANNOPPEN  
MEGAN HUBBARD  
MICHAEL CASTANEDO  
MICHAEL COMPTON  
MICHAEL FARNSWORTH  
MICHAEL FOSTER  
MICHAEL SONTAG  
MICHELLE CHAMPENOIS  
MICHELLE FLEISHAUER  
MIRANDA COOPER  
MONICA MITCHELL  
MONTEZ BABIN  
NEVERLYN SUMERS  
NICK DELOUCHE  
NICOLE CHRISTAW  
NIYA WALLIS  
OSBORNE OWENS  
OSCAR MARTINEZ  
PAIGE PHILLIPS  
PATRICIA CAIRNS  
PAUL BASS

**YOUREE DR      1999      (Cont'd)**

7800	PETER BUCHANAN R BOYD REBECCA LAGRANGE REGINALD PATTERSON RHONDA CROSS RICHARD BREAZEALE RICHARD WALLEVERD RICKEY SWIFT ROBERT CLINE ROBIN FOSTER ROBIN HUMPHRIES RYAN RAMBIN SALVADOR VASQUEZ SAMANTHA HOWARD SAMMANTHA ESTES SANDRA JONES SEAN BAMBURG SHEMIKA FRANKLIN SONYA FORD SPECTRE FINANCIAL GROUP STEPHANIE CAIN STEPHANIE DAVIS STEPHANIE LARKINS SYLVIA RUBENSTEIN TANEISHA CLARK TASHAWNA MATHEWS TCHKSEL COOKS TERESA BARRETT THANH VO THOMAS HUNNICUTT TINA STUART TOMMIE BRADEN TONYA YOUNG TOWN & COUNTRY DANCE CLUB TOWNE OAKS SOUTH TOYIA DORAN TRACEY WEATHERFORD TUNYA WILLIAMS VIRGINIA RUSSELL WENTA SNOW ZACHARY LARRIMER ZENA MARABELLA
7803	ARBYS ROAST BEEF
7807	PACKAGES PLUS
7815	U S AGENCIES CASUALTY INSURANCE COMPANY USAGENCIES CASUALTY INSURANCE COMPANY
7819	ELECTRIC BEACH
7821	MICROGEAR
7823	GENERAL NUTRITION CENTERS PORTICO SHOPPING CENTER
7825	SUBWAY SANDWICHES & SALADS



**YOUREE DR 1999 (Cont'd)**

7837 SPORT SPECTRUM  
7845 BRYANT BROTHERS HAIR STYLING  
PAPER SHACK & PARTY STORE INCORPORATED  
7851 FLOWERS FOR YOU  
7853 FANTASTIC SAMS  
7900 MICHAEL CLEVELAND  
7925 BROOKSHIRE'S TASTY BAKERIES  
BROOKSHIRES  
BROOKSHIRES FOOD STORES  
REGIONS BANK  
REGIONS BANK OF LOUISIANA  
7935 COUNTRYWIDE HOME LOANS  
7941 A T & T WIRELESS SERVICES  
7949 PORTERS DRY CLEANERS  
7950 CHEVRON STATIONS  
8000 UNIVERSITY EXXON  
8001 BARRETT ROBERT L MD  
CRAWFORD PAUL G FACOG MD  
DERMATOLOGY & SKIN SURGERY  
MID SOUTH ORTHOPEDICS  
MILLER JINA A MD  
ORTHOPEDIC CLINIC THE  
PHILLIPS DAVID M MD  
PIERREMONT WOMENS CLINIC  
PORTER NEILL C MD  
TUMMALA AJAYA FACG MD  
WHITE FREDERICK J III FACG MD  
WILHITE ELECTRIC COMPANY INCORPORATED  
WRIGHT FORREST H MD  
8003 DOWDEN THOMPSON  
8010 IHOP  
INTERNATIONAL HOUSE OF PANCAKES  
8445 JESSICA ANDERSON  
MELANIE FINCH  
NETWORK COMMUNICATION INCORPORATED  
SHARON MANSON  
UNIVERSITY COURT APARTMENTS  
8485 JAMIE FIELDS  
8515 USA WEIGHT LIFTING DEVELOPMENT CENTER  
8530 DOMINOS PIZZA  
8590 CIRCLE K STORES INCORPORATED  
8686 THRIFTY DISCOUNT LIQUOR AND  
8701 BAPTIST STUDENT CENTER LSUS  
8714 AMERICAN BARBERS & COSMETOLOGISTS  
EDWARD JONES SHREVEPORT  
FREDERICK ANIMAL HOSPITAL  
FREDERICK RAYMOND N DVM  
JOHNNY'S PIZZA HOUSE  
JOHNNYS PIZZA HOUSE  
SPIRIT RENT A CRR

**YOUREE DR      1999      (Cont'd)**

8714	YOUNG KELLY CLU CH FC
8730	COLUMBIA ANCILLARY OUTREACH
8790	SOPHIA C STORE
8810	POST OFFICE EMPLOYEES CREDIT UNION YOUREE DRIVE BRANCH
8824	CARRIAGE HOUSE ETHAN ALLEN GALLERIES GRAND GALLERY
8848	FAMILY MEDICAL CENTER HENRY DAVID T MD SAVORY ROBERT L MD ABFP
8856	ALLSTATE INSURANCE COMPANIES SALES OFFICES FENTON MAUREEN SHERIDAN DDS KINSEY ELLEN SHERIDAN DR DNTST MOORE JAMES E SESSION HERMAN INS SHERIDAN FAMILY DENTISTRY WILSON VIRGINIA INS
8870	ASSOCIATED MEDICAL & OXYGEN SUPPLY INCORPORATED CANDLER CANDLER & COATES INSURANCE SERVICES GULF SOUTH COMPANY OP PLANS HUBER RICHARD D CPA LOUISIANA COMPANY OP PLANS INCORPORATED SOUTHLAND HOME HEALTH OF SHREVEPORT
8895	HOLY TRINITY LUTHERAN CHURCH ELCA
8904	DESHAWNA CARTER
8911	ADRIENNE REBELS ANTHONY EARLY ARTHUR GLYENN ARVIN WADDLES BARRY COLEMAN BERNIE KALINSKY BETTY MOODY BONNIE BOUNDS BRANDON THOMAS BRIAN HEADRICK BRIAN SHAVER BUTCH MANGHAM BYUNGCHUL AHN CANTERBURY PLACE APARTMENTS CAROL HARRIS CATRICE HARP CHRIS MORTON CHRISTIN KNIGHTON CHRISTINA KEMPANER CHRISTOP MIZELL DANA CAWTHORN DANITA BRANNON DANITA TURNER DEAUBREY PRATT DEBRA WILLIAMS

**YOUREE DR 1999 (Cont'd)**

8911 DEMETRA MCDONALD  
DETRIC BAILEY  
DOMESHIA BLOW  
DON TURNER  
EDDIE WEATHERSBY  
EDITH RUSH  
ELISE RIDLEY  
ELIZABETH STEWART  
ELMORE MORRIS  
ERICA MAESHACK  
ERIN CARTER  
FELICIA SCROGGINS  
FRANKIE GAY  
GLENN CUMMER  
GLORIA PEOPLES  
GULPANI NAWABI  
HENRY TAYLOR  
JAMES HEFLIN  
JAMES PHILLIPS  
JAMES SMALL  
JASON BLUFORD  
JEFFREY OLIVER  
JENNIFER LEWIS  
JEROME JOHNSON  
JIMMIE NORRIS  
JOSEPH WENK  
JOYCE BOYETT  
JUSTIN MCKNIGHT  
KARIE JOHNSON  
KATI JETER  
KEITH BATES  
KENNETH MCCLAIN  
KIM ENCKHAUSEN  
KIMBERLY HAWKINS  
KIMBERLY JAMES  
KIMBERLY PERO  
KINSHASA BRADFORD  
KISMA TRAN  
KRISTEN LANGE  
KWINICA DIXON  
LASHAUNDA MORRISON  
LASHONDR CLARK  
LATONYA MARSHALL  
LOIS LATSON  
LOLA BOONE  
LORETTA SPEED  
LUCY PRATT  
MANCHU YANG  
MANDRELL DOUGLAS  
MARJORIE STAMM

**YOUREE DR      1999      (Cont'd)**

8911	MARTHA LANDRETH MARVIN HILL MEGAN ANDREWS MICHAEL GAMMONS MICHEAL LOTT MOHAMMED DEHMANE NICHOLAS BRODY NICOLE WARE-RAMIREZ OMOSALEWA OGUNSANWO PAMELA STEGALL PATRICIA WHITAKER PATRICK MITCHELL PAUL BEDGOOD PAULA WILLIAMS PAULETTE ROCHA QUOVADIS WILLIAMS RAYMOND ZIMMERMAN ROBBY WHITE RONALD BREAUX SAMUEL MCCAMERON SAVOEUN THET SCOTT HARRIS SEBASTIAN REJON SERELL ANDERS SERINA JACKSON SHANE THOMPSON SHELLEY HAYES SHELLEY SPARKS-WETHIN SHERI MILLER SONITA POOL STEPHANIE AINSWORTH SUI HUANG TARA PALLISER TERESA FROELICH TERRENCE CONNER TERRI CRAIG TISHA TAYLOR TOMEKA BOWMAN TRAM BUI VIOLET HOBSON XIANG LIN XUONG KIM
8925	BROADMOOR ASSEMBLY OF GOD
9009	CIRCLE K
9020	LOCKE PROPERTIES INCORPORATED LOCKE PROPERTIES SALES RESIDENTIAL MANAGEMENT CORPORATION
9050	AARON CORNELIUS ALEX BAZILE ALONZO STILLS

## YOUREE DR 1999 (Cont'd)

9050 AMANDA HOUGHTON  
ANN YONKERS  
AUDRA SUMMERVILLE  
AVIVA GAFFORD  
BARBARA JACKSON  
BARBARA WILSON  
BONNIE HAVIS  
BREIONE ENCALADE  
CARSON SWINDLE  
CASSY CAIN  
CHARLES HORTON  
CHRISTIANE JANI  
CRYSTAL FIFER  
D FARLEY  
DANNY ROBINSON  
DARLENE BARONETTE  
DARLENE COX  
DAVID JACKSON  
DEANDRA ALLUMS  
DEMITRICE PHELPS  
DERICA TASBY  
DOROTHY CLARK  
EDWARD JOHNSON  
ERICA THOMPSON  
FELECIA CUTLIFF  
FELICIA RICHARDSON  
G UNDERWOOD  
GARY TILLEY  
GERALDINE JACKSON  
GREENWAY SQUARE APARTMENTS  
GWEN TAYLOR  
IMELDA MCDONALD  
ISAAC FOSTER  
J SPIVEY  
JACKSON CAPLIS  
JASON SHOAP  
JERI STEWART  
JETTIE FULLER  
JOHN HARLESS  
JOHN SHELTON  
JOSHUA HAYDEN  
JUDE COLLINS  
JULIA FOLEY  
JULIAN BALVIN  
KATHY BERNSTINE  
KELLIE WHITEHORN  
KENDRA RATCLIFF  
KENNETH CARTER  
KEVIN SHEPHERD  
KIMBERLY SIMS



**YOUREE DR 1999 (Cont'd)**

9050 KRISTIE WASHINGTON  
LANA EVANS  
LAQUISHA PERRY  
LASHAUN EADES  
LATONYA POWELL  
LATONYA SANDERS  
LAUREN BROOKS  
LAUREN NUGENT  
LESLIE YOUNG  
M JACKSON  
MADISON BOLLINGER  
MARGARET JOHNSON  
MAXIE FOSTER  
MICHELLE HUGHES  
MIKE LURASCHI  
MORGAN HILL  
NEAL SMOTHERS  
NELDA PERSLEY  
NESHA HUDDLESTON  
OLIVIA MUSGROVE  
PATRICIA DEWEY  
PATSY HOLDEN  
PHYLICIA RUSHING  
QUENTINE THOMPSON  
RARES JICA  
REKITA JENSON  
RICHARD BABB  
RICHARD CHELLETTE  
ROGER TATE  
RONALD SHAFFER  
RSON JAMES  
SANDRA BRISCO  
SHANE LEWIS  
SUSAN MAY  
TAMIKA BANKS  
TAMIKI VELAVQUEZ  
TAMIKI VELAZQUEZ  
TANGELA RISER  
TARAE HARDMAN  
TASMINE PLATER  
TAWANNA SUMBLER  
TERRENCE PRICE  
TIFFANY STEWART  
TORIAN BROWN  
TREMIKA TAYLOR  
TREVIN GRIMM  
TRINIDY FISHER  
VERONICA SCHRIER  
W GAINES  
W LOVE

**YOUREE DR 1999 (Cont'd)**

- 9050 WANDA AVERY
- WILLIAM HOUSTON
- WILLIAM MATHIS
- XUEFENT LI
- ZACHARY ROBERTS
- 9051 CHURCH OF THE ATONEMENT REFORMED
- CRANMER THEOLOGICAL HOUSE
- 9054 PHIL VICKERS
- 9205 AMERICAN BANK PRODUCTS
- BANK N BUSINESS SYSTEMS
- 9211 STOWAWAY PERSONAL STORAGE
- 9212 FURNITURE CARE & REPAIR
- SOUTHERN AUTOMATION INCORPORATED
- 9215 BON APPETITE SOFTWARE INCORPORATED
- 9261 LOYD E K DR DVM
- SOUTHSIDE ANIMAL HOSPITAL

**HIGHWAY 1 1995**

8051	LUTTRELL, ALBERT B SOUTHERN DIRECTIONAL SVC
8075	CARR, BRANDON COUNTRY KENNELS
8310	HISLOPE CONSTRUCTION INC HISLOPE, JERRY
10397	CHEAP SEAT TREE STAND HANG ON LITE TREE STAND LOGGY BAYOU INDUSTRIES
10889	RED RIVER FEED INC REYNCOR INDUSTRIAL ALCOHOL
11015	ROWELL, ROBERT
11210	LEWIS, JENNIE V
13291	WALLACE, EDNA
13385	HARRIS, J T
13449	ALLEN, DEMPSEY JR

**LEONARD RD 1995**

1224 SCHMIDT, JOHN A  
1240 MCLAURIN, ANN M  
1250 MILLS, STUART E  
1266 MAXEY LABORATORY INC  
MAXEY, SAMUEL A  
1311 MYATT, LOU D  
1372 WEBB, C  
1550 WATKINS, DAVE S  
1580 LEGENDRE, GUY B  
1590 OCCUPANT UNKNOWNN  
1780 GILL, HENRY F  
1890 IRVIN, JACK  
1910 HATFIELD, HEATH  
1912 OCCUPANT UNKNOWNN

## YOUREE DR 1995

7805	JENNIFER GUSTABASON
7807	PACKAGES PLUS
7813	COMBINATIONS AT HUDSON HOUSE WILLIAMS MUSIC CO
7815	ELECTRIC BEACH
7819	BRYANT BROTHERS HAIR STYLING
7823	AVENS TUXEDOS HOOK, AVEN W
7827	CHQ
7837	SPORTSPECTRUM
7843	FITNESS EXPO
7845	PAPER SHACK & CONTAINER STORE
7851	FLOWERS FOR YOU
7853	LITTLE CAESARS PIZZA
7925	BROOKSHIRE FOOD STORE DAVID BURCH WESTERN UNION
7929	FOR PETE SAKE
7935	NUTRI SYSTEM WEIGHT LOSS CTR
7941	CELLULAR ONE
7949	JACK IN THE BOX
7950	CHEVRON
8000	UNIVERSITY EXXON
8445	CHAFFEE, ANANDA EDWARDS, THOMAS ELLIOTT, COREY FONTENOT, SCOTT FRANKS, ALICIA GODDMAN, DANIEL JIMMERSON, ROBERT JOHNSON, NATALIE KAYLOR, S KENDRICK, DAVID LANGEN, REBECCA LIU, XIN MARTELLO, ALICIA MCCLENDON, JOHN MITCHELL, EMILY MOORE, LAVONDA NETWORK COMMUNICATION INC PIPKIN, DERRICK RHYMES, DONNA SKELTON, JEFF STALLARD, DAVID TOOKE, MIRIAM UNIVERSITY COURT APARTMENTS WALKER, WENDY WICKLIFFE, HEATHER
8515	BROWN BUILDERS NOEL LIBRARY
8590	CIRCLE K FOOD STORE



**YOUREE DR      1995      (Cont'd)**

8686	THRIFTY DISCOUNT LIQUOR & WINE
8701	BAPTIST STUDENT CTR LSUS
8714	AVERYS CUTTING EDGE ELECTROLUX JOHNNYS PIZZA HOUSE MONTGOMERY INTERIORS MONTGOMERY, JAMES D ONE HOUR MARTINIZING
8730	WOMENS RESOURCE CTR
8790	SOPHIA C STORE
8810	HIBERNIA NATIONAL BANK
8824	GRAND GALLERY
8848	FAMILY MEDICAL CTR OCCUPANT UNKNOWNN ROBERT L SAVORY MD
8856	ALLSTATE INSURANCE DORGAN ENGINEERING & DESIGN ELLEN SHERIDAN KINSE DDS HERMAN SESSION MOBILE X RAY SVC OF SHREVEPORT MOORE, JAMES E SESSIONS, HERMAN SHERIDAN & SHERIDAN FAMILY THERAPY CARE INC WILSON, V
8870	HUBER, RICHARD D RICHARD D HUBER CPA SOUTHLAND HOME HEALTH
8895	HOLY TRINITY LUTHERAN CHURCH
8900	CAJUN DAIQUIRIS
8911	ALLEN, J B ANDERSON, JEFFERY D ANDREW, S ANTHONY, MICHAEL ARENDELL, PATRICK BAGWELL, TERI BAIR, LONITA BASSETT, ROGER J BATES, T BEASLEY, RONDLE BEGBIE, JAMES E BENSON, R E BOETTCHER, JON BOONE, L BOYD, SOPORIA BRIONES, ISAAC BRYAN, CURTIS BURKS, WILLIE S BUSBY, NICOLE CALHOUN, DEKISHA

**YOUREE DR      1995      (Cont'd)**

8911    CANTERBURY PLACE APARTMENTS  
 CARSWELL, LARRY  
 CLARK, DEBORAH  
 COLE, WALTER  
 CROCKER, LONITA  
 CUMMER, GLENN W  
 DEAN, CHERYL  
 DERAMUS, DAVID  
 DIXON, JEFF  
 DOTSON, RICKEY  
 DOUGHERTY, SHAWN  
 DYKES, MARIA L  
 ERIKSON, S M  
 ETTREDGE, BOBBY  
 EVERTON, BOBBY  
 FANT, M E  
 FARMER, EMMA  
 FAUST, SHERRIE L  
 FIELDS, JAMES  
 FOXWORTH, J  
 FRAZIER, ALICIA  
 GARRETT, L A  
 GARY, GLENN  
 GILLELAND, S M  
 GINGLES, LORI  
 GLADNEY, SHERRY  
 GREEN, S  
 GREENE, ALBERT L SR  
 GRISSOM, HARRY L JR  
 HAGEDORN, RONDA H  
 HAIRSTON, BRIAN  
 HARRISON, J  
 HEAD, MICHAEL  
 HEBERT, SUKEY  
 HENK, KEVIN  
 HERRMANN, CHARLES S  
 HILL, BROCK  
 HOLLIDAY, LAMAR JR  
 HOLT, JOHN S SR  
 HOMAN, STEVEN P  
 HOOPER, M N  
 HOSMER, PETER  
 HUCKABAY, BARRY  
 JACKSON, RAYMOND  
 JEFFERSON, BERDIE M  
 JENKINS, J  
 JIMES, J A  
 JOHNSON, SHUMPER T  
 JONES, CHARLES  
 JORDAN, ANGELA

## YOUREE DR 1995 (Cont'd)

8911 KORNRUMPH, V  
LANDRY, MELISSA  
LAWRENCE, P S  
LAWRENCE, RONALD R  
LDS MISSIONARIES  
LEA, L  
LECKIE, MARY  
LEONARD IV, W P  
LEWIS, DAVID A  
LUMPKIN, S  
MADDEN, NANCY  
MANISCALCO, SHANDA D  
MARTINEZ, LISA M  
MCKINNEY, P  
MCKNIGHT, TIM  
MEYERS, SCOTT  
MILLER, JACK  
MITCHELL, S  
MONTGOMERY, MARK  
MORRIS, DAVID  
MURRAY, MARLA  
MYERS, ADAM  
NGO, SUK J  
OLIVER, LISA  
OTTS, KELLY  
PAYTON, TERENCE  
PEARSON, M M  
PEDEAUX, WILLIAM  
PILINSKI, WENDY  
PLATER, MARY A  
PRESTON, L A  
REYNOLDS, MURIEL  
ROBERTS, K  
RODGERS, J V  
ROLLER, ELTON JR  
ROQUE, ANGELA  
ROTH, TERESA  
SANCHEZ, LUTHER  
SCALLAN, CLAUDE J  
SCARPINATTO, JOEY  
SCHUSTER, TRACY  
SCOTT, W  
SEPULVADO, LANETTE  
SHEFFIELD, JULIE  
SHIPLET, DEE  
SIBLEY, DALE L  
SINGLETON, CECELIA  
SMITH, B  
SMITH, WANDA  
SPEED, LORETTA Z

**YOUREE DR      1995      (Cont'd)**

8911	STEGALL, SHANE STEPHENS, YASHICA SUDDUTH, DIANE SUFFICOOL, WES TAYLOR, KEVIN TERRY, SCOTT TIMM, JOSEPH D TISDALE, CANDACE WALLAR, RICK WHITE, WILLIAM K WILSON, KAREN WRIGHT, JEFFREY B YAGER, CAROL YORK, DAVID ZEIDAN, NAJAH
8925	BROADMOOR ASSEMBLY OF GOD
9009	CIRCLE K FOOD STORE
9020	RESIDENTIAL MANAGEMENT CORP
9050	ADAMS, ARTHUR ATKINS, BRIAN AUSTIN, BRANDON BANKS, BETTY BENJAMIN, CHRIS BLACKSHIRE, FELICIA BLINKS, JARVIS BOOKER, BOBBIE BOOKER, G BOYD, MELODY BRANTLEY, L S BRIGHTOP, LOIS BROWN, WILLIE BURNS, L CANADA, SEBRENA CARTHERN, PHILLIP CARTWRIGHT, EARL CHAMBERS, BRENDA CLARK, DOROTHY CROCKER, L M CUNNINGHAM, GLORIA DOREN, CHERYL A DZVONICK, GREG EDWARDS, TIMOTHY ENGLE, P FISHER, VANESSA FRAME, JETTA FRAZIER, ERNEST GOODNIGHT, Y GREENING, JANE GREENWAY SQUARE APTS GRESHAM, THOMAS O

## YOUREE DR 1995 (Cont'd)

9050 GRIFFITH, JOHN  
GUICE, J  
HALL, JIMMY  
HAMILTON, C W  
HAMILTON, DION  
HAMILTON, TINA  
HAQQ, LATIFAH  
HARRIS, RUSSELL  
HILL, KAREN  
HUNTER, SALLY  
JACKSON, BETTY  
JACKSON, S J  
JACOBS, LEON  
JENKINS, DAISY T  
JOHNSON, C  
JOHNSON, DAN  
JOHNSON, PAMELA  
JONES, WILSON JR  
KEPPARD, T  
KRIPPENDORF, JAYNE  
LATTIER, ABRON  
LATTIER, P D  
LEE, A M  
LOVE, W B  
MCCALL, TANGELA  
MCCLURE, CHARLES W II  
MILES, KENNETH  
MINGO, TINA  
MITCHELL, DEVINNE  
MITCHELL, JAMES  
MOORE, SANDY  
MORRIS, CARLOS  
MOSLEY, P A  
MOSS, MONICA  
NELSON, MARTHA D  
NICHOLS, DAVID  
OLIVER, A J  
OTLOWSKI, J  
OUZTS, JERI  
OWERS, H M  
PERSLEY, CONNIE  
PIERCE, WALTER  
PINKNEY, K J  
PINKNEY, RUSSELL SR  
RANKIN, JOHNNIE  
RASBERRY, PENNY  
RASH, GILBERT  
REED, T  
REYNOLDS, RUBY  
RICHAUD, REY SR



**YOUREE DR 1995 (Cont'd)**

9050 ROBERSON, K  
 ROBERTS, ANN  
 ROBINSON, CARRIE  
 RODRIGUEZ, M R  
 ROSTER, MAXIE E  
 RUFFINS, MICHELL  
 RYE, GARLUND  
 SANCHEZ, LOIS  
 SANDERS, LORI  
 SAVELL, A  
 SHIH, NENGWEL  
 SIGURE, VELMA  
 SMALLWOOD, AMY L  
 SMITH, BOBETTA  
 STEWART, LARRY JR  
 TAYLOR, BRIDGET  
 TERRY, SHELIA  
 THOMAS, BARBARA  
 THOMPSON, VELMA J  
 WALKER, CARY  
 WARE, DANNY  
 WASHINGTON, CEDRIC  
 WASHINGTON, REKENDA  
 WHIDDON, JIM  
 WILLIAMS, JOAN  
 WILLIAMS, JULIA  
 9060 TYSON, SWAY M  
 9205 BANK N BUSINESS SYSTEMS INC  
 OCCUPANT UNKNOWNN  
 PRINTING PLACE  
 9211 OCCUPANT UNKNOWNN  
 STOWAWAY PERSONAL STORAGE  
 9212 JOHN N JOHN TRUCK LINES  
 9215 BON APPETITE SOFTWARE INC  
 9261 C A SLAY DVM  
 LOYD, EDWARD K  
 SOUTHSIDE ANIMAL HOSPITAL  
 SOUTHSIDE PET HOTEL  
 9291 DUNCAN, E B

**HIGHWAY 1 1992**

7940	RIGGS, RONALD M
7997	ELLIOTT, JAMES J JR
8038	BRITTAIN, WILLIAM M
8050	TURRENTINE, JOE S JR
8051	SEWARD, HERMAN L
8075	CARR, BRANDON
8089	LAIRD, KENNETH D
8230	SPEARMAN, JAMES C
8234	BALLARD, E E
10296	ROWELL, JAMES A JR
10340	LACAZE, D N
10397	LOGGY BAYOU INDSTR
10889	OLIN CORP CHEMICAL SHREVE ENERGY MGT
15605	KELLY, FRANK A JR

**LEONARD RD 1992**

1224 SCHMIDT, JOHN A  
1240 MCLAURIN, ANN M  
1250 MILLS, STUART E  
1266 MAXEY LAB INC  
1311 MYATT, LOU D  
1372 WEBB, C  
1580 LEGENDRE, GUY B  
1750 RHINEHART, EARL J  
1780 GILL, HENRY F  
1910 MELTON, L  
PERRET, JERRIE

## YOUREE DR 1992

7803	ARBYS
7813	WILLIAMS MUSIC CO
7815	PACKAGES
7819	AMY PARNELL
	BAKER, E J
	BROCATO, JACKIE
	LESH, KAREN
	MERRILL, PIPER
	MITCHELL, SUZANNE
	MOSELEY, KATHY
	PARNELL, AMY
	VULLO, TRISH
7821	THE VERANDA
7833	YOGURT PLUS
7837	SPORT SPECTRUM
7843	LOCKHART MANUFACTI
	VIDEO ONE
7845	THE PAPER SHACK
7851	FLOWERS FOR YOU
7853	COMPUTER SOLUTIONS
7925	BROOKSHIRE FOOD
7929	CLUBHOUSE GOLF
7949	JACK IN THE BX RST
7950	CHEVRON STATIONS
8000	UNIVERSITY EXXON
8590	CIRCLE K
8701	BAPT STUDNT APT
	BAPTIST STUDNT CTR
8714	1 HOUR MARTINIZING
	AVERYS CUTTING EDG
	ELECTROLUX
	JOHNNYS PIZZA
8730	BREITHAAPT, ROBIN G
	DR M O FLEMING
8790	C SOPHIA STORE
8806	THRFTY DSCT LQR&WN
8810	HIBERNIA NATL BANK
8824	CARRIAGE HOUSE
8848	DR DAVID T HENRY
8856	ALLSTATE INS CO
	DR E S KINSEY
8870	GULF S CO-OP PLANS
	HUBER, RICHARD D
	JIM C WILLEY CPA
	RICHARD B HUBER
8895	HOLY TRINITY LUTH
8900	CAJUN DAIQUIRIS
	D M BARRON CONTRCT
8911	ALLEN, ROBERT M
	BAKER, CARROLL

**YOUREE DR      1992      (Cont'd)**

8911	BOWEN, M J BURNER, KAREN CANTERBURY PLC APT CARROLL, G C CRAIG, K DANIELS, SCOTT DAVIS, M S DYAR, THEDA FERTITTA, LARRY HECK, SHERRI HICKS, MARY JACKSON, LISA JACKSON, PRESTON C JR JOBE, BRIAN KRAUSE, ALBERT KRAUSE, KATHY KRUCK, KIM MCKENZIE, DANIEL OCONNELL, TERRY PERRY, BIRDIE ROBINSON, CHARLIE J JR RODGERS, J V ROSS, CRAIG ROSS, ROBERT SAVANT, D SOLICE, TERRY SWAIN, E B TAYLOR, ERIKA TAYLOR, VINCENT TOMB, JOHN ULMER, DODIE URSERY, D B VAUGHN, NOELLE VEZINA, DAN F WALB, KEVIN WEATHERS, ROSALYN WEAVER, MARIE
8925	BROADMOOR ASSEMBLY BROADMR ASSEM GOD
9009	CIRCLE K
9020	LOCKE BEAL&ASSOC RESIDENTIAL MNGMNT
9050	BELL, DENNIS R BOLDEN, JANIE BRADFORD, RON BRESHERS, WILLIAM BRISBON, JOHN BRUECKNER, WILLIAM JR CARTHERN, LIZZIE COX, TONY D JR



**YOUREE DR      1992      (Cont'd)**

9050	CULOTTA, K DODSON, DANNY ENGLE, P GAY, LATONYA GREENWAY SQ APTS GURLEY, R L HAMILTON, C W HAMILTON, TINA HARRIS, DOROTHY JAMES, TROY I JR JEFFERSON, ANGELA JOHNSON, C JOHNSON, P JOHNSON, W M JONES, C JOSEY, B D LEE, A M LEWIS, C MACK, HARDY MERIWETHER, BILL MORRISON, D NASH, DENISE PENNYWELL, TWANDA E PERKINS, YOLANDA PHILLIPS, S REED, BEVERLY REED, NATALIE ROBINSON, ARRY ROBINSON, CARRIE ROBINSON, PENNY RODGERS, TODD ROSTER, MAXIE E STEWART, EARNEST TAYLOR, B THOMAS, ALTON THOMPSON, GINGER VERCHER, RODNEY D WALLS, RICHARD WASHINGTON, CHARLES WASHINGTON, RODNEY WASHINGTON, V WIGGINS, FRED WILLIAMS, JULIA WOLFE, DEBORAH
9205	BANK N BUSINESS SY THE PRINTING PLACE
9211	STOWAWAY STORAGE
9212	THERMO KING
9215	BON APPETITE SFTWR PRINT LASER

Target Street

Cross Street

Source

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Cole Information Services

**YOUREE DR 1992 (Cont'd)**

9261 DR E K LOYD  
LOYD, EDWARD K  
SOUTHSD PET HOTEL  
9291 DUNCAN, E B

**LEONARD RD 1987**

**28**

**LEONARD ST -FROM ZEKE DR SW TO  
BEAUMONT 1 SE OF E COLUMBIA**

ZIP CODE 71104

BEAUMONT INTERSECTS

# YOUREE DR 1987

2600b★Shelton Randy  
 2600c Ginn Gary C 798-1584  
 2600d★Wiles Nina  
 2600e Daffin M Achim 798-3614  
 2600f Timmerman Noel 797-3401  
 2600g★Kitterlin Gayle 797-3521  
 2600h★Scott Chas 798-5708  
 2700a★Martin Billie 798-0071  
 2700b★Kinney Venetta 798-0272  
 2700c★Jacobs Laura 797-3411  
 2700d★Ivory John  
 2700f★Warner Wm L 797-0227  
 2700g★Diggs Larry 798-3017  
 2700h★Evans Bryan  
 2800a Bagby Jessica 798-2753  
 2800b Vacant  
 2800c Price Keith 797-5707  
 2800d★Devora Jill 798-2747  
 2800e No Return  
 2800f★Flowers Judy 797-1410  
 2800g Vacant  
 2800h★Tjaden L D 797-7197  
 2900a★Cathey Carl 798-3389  
 2900b★Shelton Larry  
 2900c★Newman Gail  
 2900d Edmonds L Nell 797-8818  
 2900e Vacant  
 2900f★Phillips Eddie L  
 2900g★Huaby Timothy 798-1689  
 2900h★Ahmed Syed Rashid  
 2900i★Grande Anthony 798-3622  
 2900j Burleigh Sharon M 798-2098  
 2900k★Ellingwood Darvin  
 2900l★Britten Jacqueline  
 2900m Roberts Fred E 797-0677  
 2900n★Morris Thaddeus 797-4230  
 2900o★Tyler Jas 798-0939  
 2900p★Shaeffer Jos 798-0733  
 3000 Towne Oaks South Apts leasing ofc  
 797-1675  
 Lindow Edw 791-1793  
 BURT KOUNS INDUSTRIAL LOOP  
 INTERSECTS  
 7803 Arby's Roast Beef 797-1293  
 7805 Mister Gatti's No 11 fast food restr  
 459-2222  
 7807 Racing Research bicycle shop 798-6830  
 7813 Williams Music Company retail outlet for  
 musical inst 797-8108  
 7815 P K G's Packaging & Sending Pros  
 shipping 798-2694  
 7819 Bryant Brothers Hair Styling beauty  
 salon 798-0680  
 7821 Veranda The restr 797-3600  
 7823 Vacant  
 7825 Catherine's Bridal Center 798-6724  
 7827 Craft Nook The retail outlet craft sups  
 798-3323  
 7829 Vacant  
 7831 Vacant  
 7833 'syogurt 798-2331  
 7837 Vacant  
 7839 Vacant  
 7843 Video One sls & rntls 798-3782  
 7845 Paper Shack & Container Store Inc The  
 paper prods 798-3373  
 7851 Flowers For You ret florist 797-7000  
 7853 Sport Spectrum athletic clo 798-1241  
 9205 Bank N' Business Systems business forms  
 797-2361  
 9300 Vacant  
 9310 Grand Gallery furn 797-3187  
 B Vacant  
 9330 Vacant  
 9334 Building  
 Suites  
 108 Davis Bill Ins 798-1214  
 9334 Bray-Terrell Associates financial coun  
 797-8661  
 109 Louisiana Co-Op Plans Inc ins  
 798-9100  
 110 Holy Trinity Lutheran Church  
 797-9402  
 9511 Canterbury Place Apartments 797-4900  
 101 Vacant  
 102 Vacant  
 103★Butler Michl W 798-7308  
 104★Chrietzberg Frank L 798-3036  
 105★Breland Paul C 797-6101  
 106 Vacant  
 107★Hood Philip C 798-2992  
 201★Spaan C Denise Mrs 798-6801  
 206 Vacant  
 207★Erikson S M Mrs 798-0190  
 208 Vacant  
 301★San Juan 798-2259  
 303★Trevino Kim M Mrs 798-0313  
 304 Vacant  
 305 Zabetakis  
 308 Vacant  
 401★Dye Margt J 798-2175  
 402 Vacant  
 403 Vacant  
 404 Vacant  
 405★Hickman Robt L  
 406 Vacant  
 407★Young Sheryl M Mrs 798-8354  
 403 Vacant  
 502 Vacant  
 505★Barney Lee W Mrs 798-2856  
 506★Cicero Sam F Jr 798-1330  
 507 No Return  
 508 Vacant  
 509★Duvall Michl J 797-3419  
 510 Vacant  
 515★Messer Robt E 798-1419  
 516★Smith Cynthia Mrs 798-3121  
 602 Vacant  
 609★Gibbs Steve 797-1004  
 610 Vacant  
 613 Vacant  
 614★Clayton Christopher 798-3759  
 701★Shuler Steve G 798-5006  
 702★Jones Don R  
 703 Vacant  
 708★Mc Kee Tim 798-1551  
 709★Frase Robt M 797-7315  
 710★Wright Robt H 797-1218  
 713★Farmer Gary 798-9229  
 714 No Return  
 715 Vacant  
 716 Vacant  
 801★Ingle Edgar O  
 802 Vacant  
 803 Vacant  
 804★Floyd Cristina  
 815 Vacant  
 307★Lane Douglas R  
 808 No Return  
 811★Blackmon Elijah 797-2981  
 813★Scott Debra 797-5592  
 814 Vacant  
 815★Jacobs Jim R 798-1962  
 902 Vacant  
 903★Traas Barbara 798-1784  
 904 Vacant  
 909★Tompkins Philip W 797-0220  
 1003 Vacant  
 1005★Flynt Pamela L 797-7842  
 1007★Brauer Raymond W 798-0597  
 1009 Vacant (Apts 1009-1013)  
 1015★Phelette Johnny F 798-0342  
 1016 Vacant  
 1101★Bruner Karen A Mrs  
 1102★O'Neil P Kevin 797-4309  
 1103 Vacant  
 1105★Wood Glen S 798-2739  
 1106 Vacant  
 1205★Heins Donna G Mrs 798-2194  
 1208 Vacant  
 1215★Speed Loretta Z  
 1216 Vacant  
 1301★Martz H Nelson 797-3051  
 1304 Vacant  
 1305★Fitch Dan 798-2265  
 1307★Little Robt E 797-7751  
 1308★Daumeister Ken R  
 1310★Farmer Emma M Mrs 797-4293  
 1311 Vacant  
 1315★Morgan Charley 797-3114  
 1316★Hines Peter 798-3364  
 1402 Vacant  
 1403★Anett John D 798-1339  
 1404 Vacant  
 ★Arron E L 797-8135  
 ★Adams Johnny 798-0597  
 ★Bellew Chris 798-6630  
 ★Bohnet Loren 797-8135  
 ★Bolding Betty L 797-3541  
 ★Boyd Steven 798-3513  
 ★Carter Anita 798-7438  
 ★Chaney Bill 798-0310  
 ★Collette Jodi 797-2404  
 ★Crowley Cynthia 798-0085  
 ★Faulk James V 797-2532  
 ★Felton Juanita  
 ★Fertitta Sammy 798-2835  
 ★Fetzer John H J 798-5806  
 ★Flatt Larry W 798-0893  
 ★Gilleland S M 797-3816  
 ★Gregory Wanda 797-7228  
 ★Gulliorry Christine 797-8135  
 ★Harmon Patricia 797-1950  
 ★Johnson Preston 798-3281  
 ★Kennedy S L 798-0478  
 ★Keys Gensis 798-2693  
 ★Koutroulis C L 797-0210  
 ★Lewin Gayle A 798-0546  
 ★Lowery James W Jr 798-5827  
 ★Matthews John 798-0576  
 ★Morales Manuel L 797-1616  
 ★Sego Jerry 798-5701  
 ★Smith Cynthia 798-3121  
 ★Stephens Rodney B 798-3551  
 ★Taffi Ronald 798-5919  
 ★Terry Victor L 798-3447  
 ★Vickery V H 798-0747  
 ★Young S 798-0364  
 9515 Broadmoor Assembly Of God Church  
 797-6337  
 9600 Seven Eleven Food Stores No 27540  
 797-7759  
 10100 Vacant

# YOUREE DR 1987

**YOUREE DR-Contd**

10200 Greenway Square Apartment Complex  
797-6643  
101★O'Connell Roland  
102 Phelps Ben R 797-3350  
103★Lowe Mich C 798-2435  
105★Johnson Ruth Mrs 797-3122  
107 Vacant  
108★Gibson Marvin 797-6218  
110★Self Chas 798-0670  
201 Vacant  
202 Vacant  
203★Rye Marsha  
204 Vacant  
205★Highfield Karen M 797-7968  
208 Vacant  
212★Schill Don  
301★Grumble Ricky A 798-7437  
306★Wright Bobby L 798-0539  
307★Sullivan Roger  
403★Dickson J 798-0411  
402 Vacant  
405★Foster Maxine E 797-7294  
406★Hester Barbara  
408★Gardner Debra E Mrs 797-4826  
501★Masto Mike  
503★Perkins Donald 798-3356  
505★Jellum Pam H 798-0088  
506★Davis Carlett R  
509★Hickman Jimmy A 798-6926  
510★Lonas Robt L  
601★Nelson Wm J  
602★Richardson Windy H 797-1485  
605★Laser Wm  
606 Vacant  
607★Woodle S D Mrs  
701★Sandidge Billie J  
704 Vacant  
710 Vacant  
711★Jenkins Danny  
801 Castaneda  
802★Terry Victor L  
802★Townley Kim P Mrs  
803 Vacant  
901★Allen Rebecca D 798-0911  
902 Vacant  
903★Scheid Andre 798-2781  
904 Vacant  
905★Walker Ron S 798-5630  
906 Vacant  
907★Holloway Kenneth E 798-6347  
908★Taylor Carrie M Mrs 797-9497  
1001★Paddy John D  
1003★Hemperley Roy G 797-4784  
1005★Dixon Patricia G  
1006 Vacant  
1101★Lattier Henry 797-0332  
1102 Vacant  
1107★Marsh Melina Mrs  
1108 Vacant  
1202★Hilliard Fisher 797-2339  
1203★Halbur Frank T 798-3561  
1025★Pak Artie J  
1207 Vacant  
1208★Lewis Chas B  
1301★Gray Luemily 797-7965  
1302 Vacant  
1303★Mc Dowell Bonnie D  
1305★Luzzo Mick J 798-7869  
1306 Vacant  
1308 Vacant  
1401★Blackwell Steve 798-2457  
1402★Green Judy 798-3214  
1403★Longoria Mary P Mrs  
1404★Johnson Barbara D Mrs  
1405★Green Tammi Mrs 797-0814  
1406 Vacant  
1407★Pierce Stephen L 798-0787  
1408★Nuehring Tina M Mrs 798-1851  
1502★Meriweather Bill E 798-6014  
1504 Vacant  
1505★Jenkinson Clay A 797-8450  
1506 Vacant  
1603★Schooley Sidney E  
1604 Vacant  
1605 Vacant

1606★Beers Charlene L Mrs  
1607★Strumski Norma J 797-6624  
1608★Sisson Arth H Jr  
1701★Summarah Sherry L 798-2646  
1703★Maury Belva L 797-7325  
1704★Hedges Jennifer  
1705★Lee A M 798-2155  
1707★Crocker L M 797-0735  
1708★Perez Robt  
1714 Vacant  
1715★Ferrell Donald L  
1801★Robbins Chas E  
1803★Hutchins Verlin D Mrs 797-2808  
1805★Jefferson W L  
1807 Vacant  
1901★Kha De 798-3837  
★Brown Lin 797-6832  
★Cunningham John 798-1232  
★Day Val 798-5732  
★Griswell Karen 798-1842  
★Knaub C 797-7536  
★Roberts Rosie R 797-0865  
★Tighe Robt L Jr 797-5768  
10700 King's Truck Body Works Inc 797-4472  
10707 Vacant  
7925 Brookshire Grocery Co No 27 798-3917  
7929 Cuban Liquor Store No 10 798-1111  
7935 Al's Formal Wear 798-2200  
7941 Revco Discount Drug Center 798-1771  
7950 Gulf Majik Mart serv sta 797-6855  
8000 University Exxon gas sta 797-7755  
8515 Louisiana State University In Shreveport  
797-6000  
8590 Seven-Eleven Food Stores No 23455  
797-7662  
MILLICENT WAY ENDS  
8701 L S U (Bapt Studt Cntr) eli noble dir  
797-1946  
8710 Pel-Station Oil Co Inc Sta 3 798-1761  
8790 Under Constn  
8806 Thrifty Discount Liquor & Wines No 10  
797-4212  
8848 Family Medical Center clinic 797-8130  
9330 Henry David T phys 797-8130  
8848 Savory Robt L phys 797-8130  
TURTLECREEK DR BEGINS  
8900 Office Building  
Suites  
A Family Federal Savings & Loan Assn  
798-1440  
B Family Mortgage Corp 798-2770  
C Tae Kwon Do 797-0220  
D Frosty Factory frozen liquor 798-3876  
E Video Today video movie rentals  
865-2079  
F Electrolux vacuum clnrs 797-3033  
G Turtle Creek Cleaners 798-6526  
9000 Highland Clinic The pediatrics 797-9920  
8730 No Return  
9000 Pistorios Bruce J phys 797-9920  
Vaughan Clifton M phys 797-9920  
Gregorio John B phys 797-9920  
Whited Steven C phys 797-9920  
Fleniken Roy M phys 797-9920  
Carrington Patrick R phys 797-9920  
SOPHIA LANE BEGINS  
10710 Printing Place The 797-9675  
10712 Print Laser Of Shreveport 797-2361  
10714 Bon Appetit software 797-2361  
10715 Tri-State Filing Systems 797-2361  
11001 Stowaway Mini Warehouses 797-0405  
★Meldrum John H Jr 797-0405  
11205 Southside Animal Hosp 797-7902  
11225 Duncan Edwin D @ 797-4870  
E KINGS HIGHWAY ENDS  
Lacaze Service Center auto repairs  
798-2344  
end City Sewage Dept (Lucas Waste Water  
Pumping Sta)

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**YOUREE ST (BOSSIER CITY)-FROM  
1900 SCOTT NORTH TO MCCALL**  
ZIP CODE 71111  
701 Williams Garage 742-9222  
720★Viers Mark 742-4593



## YOUREE DR 1982

## YOUREE DR—Contd

- 5815 Kon Tiki Restaurant & Lounge 869-2316  
5821 Tall & Stout Shop womens clo 868-1616  
5825 Raye's-don's Deb Shop womens clo  
869-3165  
5827 Farmers Seafood Mart 868-6643  
5909 Youree Drive Texaco Serv Sta 868-4373  
5910 Hill John W podiatrist 869-1621  
Ford Motor Credit Company Consumer  
Loans 868-6502  
State Farm Mutual Automobile Ins Co  
865-5694  
5914 Schlotzsky's Sandwich Shop restr  
861-7887  
6005 Broadmoor Christian Church 865-9431  
6008 Youree Junior High School 868-5324  
6101 United Mercantile Bank 865-1474  
6103 Town South Home Center paint ret  
865-0236  
6105 Audio Fidelity Inc sound sys 869-2075  
Queen Of Hearts Music recording serv  
861-0569  
Southern Star Recording recording serv  
861-0569  
B C S I 865-4003  
6205 Mc Donald's Hamburgers 797-8327  
6301 Vacant  
6359 Monterey House restr 797-1399  
6363 Home Federal Savings & Loan Assn Of  
S'Port 797-6323  
6555 First National Bank Of Shreveport The  
youree south br 226-2069  
6601 First Federal Savings & Loan Assn Of  
Shreveport 797-1555
- 431
- ZIP CODE 71105  
6625 Mobil Oil Corp 797-9296  
7600 Shreveport Refrigeration 797-2485  
UNIVERSITY DR INTERSECTS  
7798 Stark's Family Resturant 797-4209  
7800 Towne Oaks South Apartments 797-1675  
101 Tarver Frank H Mrs 797-6864  
102 Stinson J I  
103 Maynard Jeanne 797-8146  
104 Gallagher R  
105 Langford T B Mrs 797-9630  
106\* Taylor P  
107\* Stigbauer C  
108\* Ingram Katie G 797-3871  
109\* Johnson Wm R 797-8344  
110\* Ryan K  
111 Bridges S 797-8539  
112 Latimer H C 797-4727  
113\* Roddey N  
114 Coon W H  
115\* Lawman B  
116 No Return  
117\* Fridge Linda S Mrs 797-8469  
118\* Kuperman F  
119 Ramsey Zoe 797-4278  
120 Bracken B H 797-8362  
121\* Key K  
122 Vacant  
123 La Barbara B 797-6088  
124\* Alexander A  
125\* Burke P  
126 Davis Claude J 797-6211  
127\* Elliott J  
128\* Basco E  
129\* Santori L  
130\* Just E  
131 Johnson C L 797-0409  
132\* Ponder R A 797-3404  
133 Woods Geo E 797-1095  
134\* Duval M  
135 Jeter Leonard E 797-5761  
136 Wilson Richd M 797-4238  
137 Miskanis Wm Jr  
138 Thompson P  
139\* Tigert K  
140 Vickers Sarah Mrs 797-2173  
141\* Thornton Chas G 797-2829  
142 Mangham W  
143\* Colquitt J  
144 Hutchinson Era Mrs  
145\* King R  
146 Webb C E
- 147 Walker G  
148\* Cawthorne Merle  
149 Von Hoven Walter P 797-4316  
150\* Grattan R  
151 Black Byron D 797-1202  
152 Niblett Pat 797-2580  
153 Woodle Lynda 797-7552  
154\* Hashemiskiyad A  
201\* Block M  
202 Mazyck W B 797-2479  
203 Grenier Wm J  
204 Shuey Arth F 797-2806  
205\* Barrett A  
207\* Morris D  
208\* Graham C  
206\* Wall J  
209 Chandler J A  
210 Vacant  
211 Dumas Margy W 797-5838  
212\* Mahan R  
213 Harrison B  
214 Pendergraft Robt R 797-4281  
215\* Knipp J  
216\* Venis M J  
217\* Frantz B  
218\* Cox P V  
219 Geil John 797-3311  
220 Elder Harry S 797-1758  
221\* Smith N  
222 Oliphint V J 797-3843  
223 Vines D Jane 797-6438  
224\* Brown J  
225\* Simmons C  
226\* Little Virginia H Mrs  
227 Matson Joseph L 797-7189  
228 Bynum Richd M 797-3901  
229\* Braggs M  
230 Moore J T  
231\* Anderson E  
232\* Akin G  
233 Culp W J 797-2739  
234 No Return  
235 Franklin Claude C 797-1798  
236 Williams H J 797-1801  
237\* Loweless P  
238\* Glaze G  
239\* Stanecipher C R  
240\* Nathangel M  
241\* Breaux M  
242 Sanderlin Randy 797-9755  
243\* Byran K  
244\* Morreau E  
245\* Mc Koskle K  
246\* Waltan D  
247\* Bryant W  
248 Goldman Fannie F Mrs 797-7028  
249\* Palmer H D  
250\* Pierson W  
251\* Mathews N  
252\* Hamilton J  
253 Myers Martha A 797-8269  
254 Vacant  
255 Lott Reggis C 797-6879  
256\* Quatrone A  
257 De Roachemont E Mrs 797-6531  
258 Wilson J W Mrs 797-4872  
259 Gordon P  
260 Williams D  
261\* Dennehy R  
262 Hortman Loree Mrs 797-6868  
263 Bower Lee W 797-0994  
264 Chappellie Joseph  
265\* Watts C  
266 Dunbar H A  
267 Kelley B R 797-8233  
268\* Trunzlen M  
269 Ratekin Glenn E 797-0525  
270 Spence Joe 797-5862  
271 Fleischmann E K 797-8357  
272 Brenderl Michl D 797-4968  
273\* Woodall S  
274 Sloan Timothy 797-1359  
275 Bonded Warehouse (guest apt)  
276 Martin H 797-9670  
277 Bussey Lois Mrs 797-7113  
278\* Jackson G  
279 Boatright Loucile E  
280\* Williams S
- 301\* Reese R  
302 Vacant  
303\* Klorik J  
304 Thomas S K  
305\* Garcie M  
306 Price M 797-2277  
307\* Fertitta J  
308 Taylor R H  
309 Webb N 797-2775  
310 Smith L  
311\* Tulley M  
312 Vacca Peggy C 797-2214  
313\* Mathis Sandy  
314\* Guin L  
315\* Marabella Z  
316 Brackman Mildred Mrs 797-2424  
401 Smith J K 797-1612  
402 Smith S D 797-1494  
403\* Landry D T  
404\* Collins J  
405\* Fandel M  
406\* Petty S  
407\* Lamiette Gerard N 797-2661  
408\* Smith S J  
409\* Jones Rosemarie 797-9870  
410\* De Fatta Mark E  
411 Grant P  
412 Emerick Robt A 797-8948  
413 Spain H R 797-4309  
414\* Mc Connell S  
415\* Evistan J  
416 Giddens Wm E III 797-1058  
501\* Nunn K  
502 Miller Timothy S 799-9633  
503\* Murphey R  
504 International Paper Co (guest apt)  
505 Vacant  
506\* Lachenal D  
507\* Thomason Wm  
508\* Fowler D  
509 Rogers V  
510 Clark J M  
511 Vacant  
512\* Dean K  
513\* Scott F  
514 Burgess J  
515\* Mc Mahen James C 797-9822  
516\* Cheap M  
601\* Blake B  
602 Vacant  
603\* Johnson P H  
604\* Breawster R  
605 Vacant  
606 D'Antonio D  
607\* Weesner C J  
608\* Moss R  
609\* Skinner R  
610\* Brown M  
611\* Fisher M  
612\* Thornton M  
613\* Chism S  
614 Gauthier D  
615 Harmon Patricia A 797-1950  
616\* Airts D  
701 Jackson  
702 Weigel John C 797-7328  
703 Dean J A  
704\* Stamatis Ken A  
705\* Irby R  
706 International Paper Co (guest apt)  
707\* Pollan F  
708\* Baugh Warren S  
709\* Loftin V  
710\* Bundrick D  
711\* Rudy L  
712\* Klatz L  
713\* Johnson W  
714\* Chesser G  
715\* Brown S  
716 Scogin John E 797-1970  
801 Ware G Hal 797-3118  
802 Vacant  
803\* Soes H N  
804\* Tiner W  
805\* Little R  
806\* Nicholas Randee  
807 Wyatt A C  
808\* Gatlin D E 797-6481



## YOUREE DR 1982

## YOUREE DR—Contd

809\*Hendrix B C  
 810\*Marian P L  
 811 Aycock Chris 797-8229  
 812\*Salewski T  
 813 Howard Ray 861-2123  
 814\*Earthman W  
 815\*Burkhead R  
 816 Cooper Jim T 797-4729  
 901 Taylor R A 797-2141  
 902\*Connelly R  
 903\*Montelpre C  
 904\*Ferguson C  
 905 Brewer B J 797-6049  
 906\*Ward M  
 907\*Sneed M H  
 908\*Day J  
 1001\*Montgomery H  
 1002\*Hines H  
 1003 Ward Sherry 797-7391  
 1004 Vacant  
 1005\*Wyatt C  
 1006\*Byane S  
 1007 Zeuch James D 797-1807  
 1008 Johnson L D  
 1009\*Oliver C E  
 1010 No Return  
 1011\*Edmonson M  
 1012\*Henchliffe W  
 1013\*Masen R  
 1014\*Correand E  
 1015\*Shelton D  
 1016\*Hudson W  
 1101\*Weinstein H  
 1102 Vacant  
 1103\*Carper Gale W  
 1104\*Carter K  
 1105\*Collins D  
 1106\*Lee J M  
 1107\*Maires M  
 1108\*Ross R O  
 1109\*Doyle J B  
 1110\*Chauffe T  
 1111\*Thomas P  
 1112\*Blackward M  
 1113\*Thibodeaux M  
 1114 International Paper Co (guest apt)  
 1115\*Markes J J  
 1116 Miles  
 1201 Meriam D P  
 1202\*Walker Barbara  
 1203\*Reed S  
 1204\*Curry J E  
 1205 Williams Voncel L 797-6779  
 1206 Vacant  
 1207\*Vinson E  
 1208 Wammack A L  
 1209\*Foshee B  
 1210 International Paper Co (guest apt)  
 1211 Brock James W 797-5510  
 1212\*Hamilton H  
 1213\*Johnson S  
 1214 Quigley Bernard J 797-2443  
 1215 Jones R A  
 1216\*Lawton H  
 1301\*Haughton J  
 1302\*Lepch N  
 1303\*Gamble C  
 1304\*Smith D  
 1305 International Paper Co (guest apt)  
 1306 Pernici S J 797-8071  
 1307\*La Carer E  
 1308 Bowers G A  
 1309\*Cockerham G  
 1310 Lohnes P C 797-7100  
 1311\*Mc Graw M  
 1312 Giles  
 1313\*Rumbley A  
 1314 Stubblefield Robt 797-0470  
 1315\*Brasher V  
 1316\*Brumfield J  
 1401 De Ceasare C L 797-6013  
 1402\*Hall B 797-1439  
 1403\*Knoll K  
 1404 Evans John C 797-9472  
 1405\*Kelly S R 797-4529  
 1406 Ford  
 1407\*Simmons M  
 1408 Hughes Thos E 797-8653  
 1409 International Paper Co (guest apt)  
 1410 Blasius R  
 1411 Losey Wm R 797-1248  
 1412 Colbert Thos A 797-9772  
 1413 Marston E M 797-0981  
 1414 Mirvis Michl J 797-9655  
 1415\*Phillips M  
 1416\*Wilkerson C  
 1500a Reeves Robt R 797-3373  
 1500b Webre Rose 797-3960  
 1500c\*Freeman B R  
 1500d\*Coleman L  
 1500e Huddleston C L  
 1500f\*Cash Rocky T  
 1500g Le Bendig Alan P 797-0560  
 1500h\*Kent C J  
 1500i Dunston Fern A Mrs 797-9453  
 1500j Sprall J A  
 1500k\*Richard C  
 1500l\*Fife T E  
 1500m\*Johnson N  
 1500n\*Smith M  
 1500o Harris T R  
 1500p Kish John K 797-5444  
 1600a Montgomery Jerry K 797-1398  
 1600b Henry G  
 1600c Monzingo John D  
 1600d\*Albritton L  
 1600e\*Despot S B  
 1600f\*Kutach C E  
 1600g\*Paul F  
 1600h\*Seilze P W  
 1700a\*Reppel Shawn  
 1700b Howard Stephen R 797-8232  
 1700c Dixon Wesley S 797-6371  
 1700d\*Reid M L  
 1700e\*Thompson J  
 1700f\*Jennings H  
 1700g Vacant  
 1700h\*Hill N  
 1700i Spearman James C 797-4860  
 1700j Stevens K  
 1700k Duckett Larry W 797-9706  
 1700l\*Lernaux L  
 1700m\*Festervan J  
 1700n Vacant  
 1700o Bateman Ann 797-4179  
 1700p\*Bracey K  
 1800a Wooley Gary B 797-4533  
 1800b Schulze John E III 797-1299  
 1800c\*Ratcliff V  
 1800d Langley Greg 797-4306  
 1800e\*Newman John 797-1655  
 1800f\*Knobloch J  
 1800g Jackson J E  
 1800h Mullis Chas E  
 1900a Welley W B  
 1900b\*Nunn Kenneth D 797-5475  
 1900c\*Mitchell K  
 1900d\*Morgan John 797-6210  
 1900e\*Foster B  
 1900f\*Hill A E  
 1900g Kelley C H 797-1337  
 1900h\*Chriseol J  
 2000a\*Brown C E  
 2000b\*Sapp Thos M 797-6826  
 2000c Balthazar Alva J 797-1905  
 2000d\*Garner J  
 2000e\*Brown S  
 2000f Drucker Allen L 797-1995  
 2000g\*Seals D  
 2000h\*Pisteraus G  
 2100a Hardin James R 797-7591  
 2100b International Paper Co (guest apt)  
 2100c Williams Dalton W 797-4768  
 2100d Pruth R D  
 2100e Poindexter Gerald W 797-0541  
 2100f Barham T Eugene 797-3616  
 2100g Hulse Cindy C Mrs 797-8044  
 2100h\*Stinson M  
 2200a\*Stringer G  
 2200b\*Reid N J  
 2200c Adams S E 797-5581  
 2200d\*Clark A  
 2200e\*Bares W  
 2200g Vacant  
 2200h\*Rodgers J  
 2200i\*Hill J  
 2200j\*Jones B K  
 2200k\*Davlin F  
 2200l\*Glover R  
 2200m Vacant  
 2200n\*Jacob D B  
 2200o\*Ebey W  
 2200p Mitchell Juanita G 797-6250  
 2300a\*Fitzpatrick V K 797-8070  
 2300b\*Tate M J  
 2300c Hodges Ruth 797-1674  
 2300d Vacant  
 2300e Shaws  
 2300f Colvis M M 797-6201  
 2300g\*Le Lang P M  
 2300h Lee R M  
 2400a Hopkins J  
 2400b\*Hollier A  
 2400c Weaver Linda K Mrs 797-2827  
 2400d\*Pettway H  
 2400e\*Edison E  
 2400f\*Beach A  
 2400g\*Scott M  
 2400h\*Mirfrakhran M  
 2500a\*Chambers R N  
 2500b\*Crenshaw J  
 2500c\*Kysan G  
 2500d Knight Jo Ann  
 2500e\*Sehan M  
 2500f\*Clark E  
 2500g\*Sanders R C  
 2500h\*Hall G J  
 2600a Green M  
 2600b Rempel Robt H 797-1987  
 2600c International Paper Co (guest apt)  
 2600d International Paper Co (buest apt)  
 2600e Kirk Donald W 797-2440  
 2600f Ross Hamilton 797-0822  
 2600g\*Munson D H  
 2600h\*Gasset N F  
 2700a Law Richd S 797-2112  
 2700b Arceneaux Ronald E  
 2700c Spillers A A 797-1265  
 2700d Fort Arth T 797-0469  
 2700e\*Vickers S  
 2700f Thompson H  
 2700g\*Davidson G  
 2700h Strode L E  
 2800a Mitchell J  
 2800b\*Billings J  
 2800c\*Hause J R  
 2800d Stoddard Linda  
 2800e\*Thompson B  
 2800f\*Sanchez J  
 G\*Bullock James A 797-7822  
 2800h Tjaden Larry O  
 2900a Hunter Jeff 797-1426  
 2900b Crichton Scott J 797-0388  
 2900c\*Mc Divitt D C  
 2900d\*Lamb Wilson L  
 2900e Vacant  
 2900f\*Harrison O  
 2900g Carter Barry L 797-5978  
 2900h\*Leonard Keith B  
 2900i\*Greer D  
 2900j\*Henderson C  
 2900k\*Mc Kay M  
 2900l\*Weber E  
 2900m\*Brock K  
 2900n\*Morris T  
 2900o\*Granger R  
 2900p Avera J W 797-6923  
 3000 Towne Oaks South Apts (Leasing Ofc) 797-1675  
 BURT KOUNS INDUSTRIAL LOOP INTERSECTS  
 8515 Louisiana State University In Shreveport 797-2171  
 MILLICENT WAY ENDS  
 8701 Baptist Student Center 797-1946  
 8710 Crystal Oil Co No 63 gas sta 797-9244  
 8806 Thrifty Discount Liquor & Wines No 10 797-4212  
 TURTLECREEK DR INTERSECTS  
 SOPHIA LANE BEGINS



## YOUREE DR 1982

## YOUREE DR—Contd

9300 Shreveport Bank & Trust Co (Univ Br)  
797-7168  
9310 Ethan Allen Carriage House furn  
797-3187  
9330 Family Medical Center clinic 797-8130  
9400 Lucas Wastewater Pumping Station  
9509 Nativity Lutheran Church 797-9402  
9515 Broadmoor Assembly Of God Church  
797-6337  
10100 Locke Beal & Associates real est  
797-2405  
Locke Properties Inc 797-2405  
Residential Management Corp 797-4399  
10200 Greenway Square Apartment Complex  
797-6643  
101★Mechesney Candy  
102★Black Kathy  
103★Burton Larry  
104★Mc Bride Dan  
105★Johnson Ruth 797-3122  
106★Trevono Kim  
107★Gray Cecil 797-0949  
108★Weese Jerald 797-3488  
109 Cunningham Robt 797-9406  
110★Martin Ginger  
111★Farley Arthur 797-0811  
112 Sticklee Yvonne 797-1180  
201★Pollitz Don 797-1531  
202★Love Robt 797-6162  
203 Stroud Martha 797-8030  
204 Gahn Jean F Mrs 797-3288  
205★Mc Donald Janet 797-8721  
206★Nesbitt Lisha  
207 Byrd Cheryl  
208 Williford Beverly  
209★Edwards Barbara 797-9661  
210★Dark Mark L 797-7342  
211 No Return  
212★Yasko Stanley  
301★Mc Causlin T L  
302 Keith Eugene  
303 Dean Wiley 797-4805  
304 Allen Joe 797-0947  
305★Long Kenneth W 797-7688  
306★Walford Jennifer  
307★Logue Donald 797-0592  
308★Wilson John 797-2168  
401★Mitts Brenda 797-6267  
402★Madden Russ 797-5749  
403 Smith Bobby  
404★Bumpers Steve  
405★Hunter Bill  
406 Intl Paper (Guest Apt)  
407 Sartini Christine  
408★Jenkins Dennis R  
501★Bockstruek Shirley 797-9092  
502★Patton Tim  
503★Ricord Artie Mrs 797-8243  
504★Gardner Arvella  
505★Mc Coy Debbie  
506★Blue Joel  
507★Lawler Charles  
508★Seifert Randy  
509★Zey Jim  
510★Bynum Bill 797-2755  
511 Kimble Roger  
600 Vacant  
601 Armstrong Gayle L 797-0515  
602★Brantley Dale  
603 Caldwell James P 797-3899  
604★Lewis Louise 797-5504  
605★Bailliff Rick 797-3699  
606★Ferguson Jerry  
607★Grayson Linda 797-0040  
608★Leggett Kathy 797-7006  
701★Cook Mary C  
702 Marshall Robt 797-4990  
703★Jones Jeanette 797-0904  
704★Ozment Melissa  
705★Carson Cynthia 797-2965  
706★Akins Norman  
707★Taylor Karon  
708★Waites Sam  
709★Matthews Mark  
710★Duett Vicky 797-0413  
711★Bruce Barbara 797-0197  
712 Nastasi Joe Jr 797-5559

801 Martin Annie R S  
802★Cake Collen 797-3675  
803 Wheeler Raye 797-1569  
804 Patterson Mary A 797-2447  
805 Surber Robt 797-7130  
806★Main Frederic  
807★Chance Lou 797-4296  
808★Whiddon James M  
901 Grayson Ray E Jr 797-7340  
902★Furushima Ralph  
903★Robinson T J  
904★Strickland Marty 797-9624  
905★Coolter Steve  
906★Crow James  
907 Horne W D 797-8496  
908★Page Edw  
1001★Plaisance Ed  
1002★Zajd John 797-1770  
1003 Hemperley Roy G 797-4782  
1004★Harkness Robt J  
1005★Wallbaum Diann  
1006★Edris Leslie  
1007★Joiner David  
1008★Earthman W B 797-7960  
1101★Mac Dermott Lisa  
1102★Hicks Ronald  
1103 Hudson Joe F III 797-0744  
1104★Henderson Charles 797-9491  
1105★Tucker Peter  
1106 Long Richd 797-4500  
1107 Walton Judy Mrs 797-6756  
1108★Witt Bruce C  
1201 Fowler Clyde A 797-2952  
1202★Fowler Larry 797-6046  
1203 Noorman Eddie 797-8737  
1204★Mc Plain Melvin 797-4452  
1205★Thomas Barbara S 797-1772  
1206★Harrington Dwanna  
1207★Bandaries Wm 797-2586  
1208★Shoup Michl W 797-0110  
1301★Gray Lumely  
1302★Mc Bride Drexella  
1303★Rodriguez Netta L  
1304★Winderweedle Frank 797-9914  
1305★Perran Raymond  
1306 Murphy A E 797-9021  
1307 Watts Orion  
1308★Johnson Glen M  
1401 Rayburn Johnny 797-6645  
1402★Smith Johnny L  
1403 Watts Loretta 797-5436  
1404★Bendrick Muriel  
★Crank Jeanette  
1406★Johnson Tho  
1407★Voss Lawrence B Jr 797-0702  
1408 Michaels James 797-6342  
1501 Betts Inez I  
1502★Wilhelm Kathy  
1503★Thompson James  
1504★Foster Gloria  
1505 Biggs Charles 797-1908  
1506 Williams Dorothy  
1507★Waken Pat  
1508 Phelps Ben 797-3350  
1601★Mullinax Paul 797-4503  
1602 Anderson Myrna  
1603★Gaines La Wanna  
1604 Vacant  
1605★Lewter Dallas 797-5547  
1606 Beard Shirley 797-9400  
1607★Bryant Stan 797-7330  
1608★Sisson Arthur  
1701★Randol Steven 797-8191  
1702★Steadman James 797-1928  
1703★Harris Sandy 797-8124  
1704 Allen Julie 797-5480  
1705★Jinks Jerry 797-4868  
1706 Cooper Wm W  
1707★Leon Anita  
1708★Johnson Chas E  
1709 Mc Gaskey Robin A 797-3227  
1710 Hanson Wayne 797-2251  
1711★Jackson Alvan  
1712★Holmes Mignonne  
1713 Bonds Joe K Jr 797-7138  
1714 Lewis Richd 797-8919  
1715★Selby Gary 797-2554  
1716★Tomkins Janet

1801★Schuler Helen 797-0817  
1802★Kelly James 797-4938  
1803 Hutchins Verlin D Mrs 797-2808  
1804 Bates Janice F 797-0096  
1805★Reilly Barbara  
1806 No Return  
1807 Dufour Debbie 797-4900  
1808★Sutherland Gloria 797-7038  
1901★Prime Dorothy  
1902 Cole Carlton 797-3897  
1903★Robbins Helen  
1904★Knaub Carrie E 797-2510  
10690 Maddry's Bob City Truck & Auto Body  
Shop 797-1700  
10700 King's Truck Body Works Inc mfg  
repair shop 797-4472  
10707 Bank N' Business Systems business  
forms 797-2361  
11001 Stowaway Mini Warehouses 797-0405  
★Powell Joseph N  
11205 De Fatta Kennels 797-7583  
De Fatta Water Well 797-7583  
De Fatta Joe P 797-5783  
11225 Duncan E B @ 797-4870  
Wastewater Treatment Plant 797-0950  
11301 Pel State Oil Co 29 serv sta 797-2423  
★Russell Mary 797-0187  
Williams Welding & Blacksmith  
979-5710

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YOUREE DR EXTENSION —FROM 400 E  
STONER AV SOUTH TO E WICHITA ST

## ZIP CODE 71101

1301 Anti-Pest Co Inc control 221-6181  
1302 Martin Animal Hospital 222-9317  
1305 Vacant  
1309 Holland Jacqueline  
1309½ Mitchell Rosie  
1315 Holland Atlean Mrs 221-7405  
1319★Davis Sharon @  
1323 Sanders Armee G Mrs @ 425-8974  
1324 Biggs C F Company Inc copying mach  
425-5333  
1327 Vacant  
E EGAN ST INTERSECTS  
1335 Harris Robert @ 424-7526  
1411 Bryant Eunice  
1419 Calep Ora L @ 424-7213  
1420 Vacant  
1423 F & C Grocery & Market 424-9985  
E JORDAN ST INTERSECTS  
1505 N6 Return  
1509 Ferguson Henry L @  
1517 Bush's Grocery 222-1634  
1523 Gallon Clara G Mrs @ 425-2165  
1525 Pinkney Ruby J Mrs 227-2773  
1527 Mc Coy Ludie M 222-2665  
1529★Beales Calvin E  
1531 Wiley Ruby J Mrs 425-1453  
1537 Bush Hooks  
1555 Johnson Ashton @ 222-7909  
E HERNDON INTERSECTS  
1603 Jenkins Clifford  
1605 Sims Rhodessa @ 221-9964  
1611 Blake Dollie J Mrs @ 222-4191  
1641 Vacant  
1643 Woodson Emma  
1645★Nelson Ernest  
1653 No Return

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YOUREE ST (BOSSIER CITY)—FROM  
1900 SCOTT NORTH TO MCCALL

## ZIP CODE 71111

720★Cedars Geo A  
724 No Return  
NINA ST INTERSECTS  
802 Loraine Transfer & Storage Co (Whse)  
742-8200  
805★Sutton Joseph R @ 742-9854  
809 No Return  
E TEXAS ST INTERSECTS



## YOUREE DR 1977

522

## YOUREE DR—Contd

1700a Blackador Margt M 865-9089  
 1700c Hartje Andrew 861-2161  
 1700d No Return  
 1700e Rogers Robt L Jr 865-8637  
 1700f\*Peterson Ila M 865-1536  
 1700g\*Degges D 861-3338  
 1700h\*Lang Ray  
 1700i Houchin Ann E 869-1784  
 1700j\*Mc Reynolds Louis L  
 1700k King Kirk 861-2192  
 1700l Goodson John P 861-4266  
 1700m\*Iverson Keith W 868-3778  
 1700n\*Hodge Theodore  
 1700o Bateman Ann 868-4179  
 1700p\*James Marilyn V  
 1800a\*Peery K L  
 1800b\*Kincaid John M  
 1800c\*Deaton Patricia A  
 1800d\*Shaw Samuel  
 1800e Walker June W 865-1920  
 1800f Summers Arth B 868-4917  
 1800g\*Carriere A J  
 1800h Vacant  
 1900a\*Fuller Roy  
 1900b\*Butler Bradley 865-7574  
 1900c\*Freeman Kent D  
 1900d Spain W Glenn 865-5298  
 1900f\*Hostetler Linda  
 1900g No Return  
 2000a\*Haas H Chris  
 2000b\*Scogins John E  
 2000c\*Ferguson Earl H  
 2000d\*Lyles Loyd J  
 2000e\*Cupples Susan  
 2000f\*Roush William H  
 2000g\*Shackley Katherine C  
 2000h\*Brantley Karen R  
 2100a\*Dunbar Patay  
 2100b Burnett Eliz Mrs 869-2877  
 2100c\*Peatross William C  
 2100d\*Skaggs J M  
 2100e Preurtt Robt 868-6410  
 2100f Keith Dennis 868-8106  
 2100g\*Blake Gloria 865-1267  
 2100h Mc Keller P Jr  
 2200a\*Balthazar Alva J  
 2200b\*Hunt Phillip S 861-3821  
 2200c\*Le Sage Sherry A  
 2200d\*Hardee J D  
 2200e\*Williams Eugene M  
 2200g\*Hernandez M A  
 2200h\*Albritton Richard  
 2200i\*Gibbs Cynthia J  
 2200j\*Hyde Leotis Jr  
 2200k\*Taylor Robert  
 2200l\*Whittington Carol  
 2200m\*Hudnall Carolyn L  
 2200n Barnwell James H  
 2200o\*Griffith Polly M  
 2200p\*Mason Randal J 865-3027  
 2300a\*Pierce Edwin M  
 2300b Hill Wm H Jr 865-6770  
 2300c\*Walker Mickey  
 2300d Provizer Norman 869-2459  
 2300e\*Kornrumph M K  
 2300f\*Napier Jo V 861-2146  
 2300g\*Herring James A  
 2300h\*Kirk Les  
 2400a\*Hoyler Velma F Mrs  
 2400b\*Ray Otis 865-1179  
 2400c Curtis Charles  
 2400d\*Hunter Jeff  
 2400e\*Searcy Stephen 865-6809  
 2400f\*Daniels David  
 2400g Methvin Sharon  
 2400h\*Brook Wynell E 869-2411

2500a\*Mc Cray Kathleen 865-3807  
 2500b\*Pruden Eliz  
 2500c\*Houston E L  
 2500d\*Knight Jo A  
 2500e\*Borders Thomas W  
 2500f Hood James 868-7679  
 2500g\*Day Charles D 869-2112  
 2500h Hack Mary 868-6742  
 2600a Summersell James 868-4285  
 2600b\*Nance Robert H  
 2600c\*Parrish Bruce E  
 2600d Minter Bonnie 868-3212  
 2600e\*Miller Kennan 865-7424  
 2600f\*Magee J E  
 2600g\*Atkinson Bruce  
 2600h\*Atchley Anita  
 2700a\*Lae Donald  
 2700b Vacant  
 2700c Baxter Gerald 865-8546  
 2700d\*Coleman Charles  
 2700e\*Hendershot Frances  
 2700f Vacant  
 2700g\*Mattingly S F  
 2700h\*Parkerson Karol Mrs  
 2800a\*Casteel Mary L  
 2800b\*Marion Carolyn J 861-2718  
 2800c Monastess Norman A 865-1167  
 2800d\*Zimmerman Mary R  
 2800e\*Mc Donald Leo  
 2800f Vacant  
 2800g Midkiff Patsy 868-1813  
 2800h Vacant  
 2900a\*Schlam Mark  
 2900b Lewis Leonard 868-3583  
 2900c\*Scarborough Cecil  
 2900d\*Chiles Cliff  
 2900e\*Campbell Max F  
 2900f\*Cobb Atheene  
 2900g\*Hartzfield Mike J  
 2900h\*Beckerdite Steve  
 2900i\*Hageman Bill  
 2900j\*Mc Gimsey Robert  
 2900k\*Kampe J  
 2900l Bolanger Donald N 865-7348  
 2900m\*Beck James H  
 2900n\*Allen Lynne L 865-1654  
 2900o\*Walker Randell  
 2900p\*Kimbell Wm H Jr  
 3000 Towne Oaks South Apts (Leasing Ofc)  
 8515 Louisiana State University In Shreveport 865-7121  
 8701 Broadmoor Assembly Of God Church 861-4893  
 8710 Crystal Oil Co No 22 gas sta 861-4492  
 8806 Thrifty Discount Liquor & Wines No 10 865-4212  
 9300 Shreveport Bank & Trust Co (Univ Br) 865-7168  
 9310 Ethan Allen Carriage House furn 869-3187  
 9509 Nativity Lutheran Church 868-3426  
 10100 Locke Beal & Associates Inc realtor 861-2437  
 Louisiana Joint Venture  
 Town South Joint Venture  
 10200 Greenway Square Apartment Complex apts 865-6643  
 101\*Nicholson Susan  
 102\*Gates Dan  
 103 Vacant  
 104 Cathey Thos 861-4728  
 105\*Johnson Randy  
 106 Vacant  
 107 Vacant  
 108\*Wood Steve  
 109\*Robertson Claudia

110 Vacant  
 111\*Christian Betty  
 112\*Fowler Reba  
 201 Vacant  
 202\*Reece Gary  
 203\*Wyman Florence Mrs  
 204\*Snyder Nell M Mrs  
 205 Vacant  
 206\*Little John  
 207\*Kirby Patsy  
 208\*Cohlmia Rose  
 209\*Rudy Denny  
 210\*Holland Candy  
 211\*Mc Cowen Margt Mrs  
 212\*Goss Travis  
 301 Vacant  
 302 Vacant  
 303 Towery Linda  
 304\*White Virginia  
 305\*Ockerman Dee  
 306\*Novinson Pete  
 307\*Massie Dale H  
 308\*Kirkland James  
 401 Hairston David G  
 402\*Jolly Marie F  
 403\*Strozier James  
 404\*Perry Parish  
 405\*Davis Mary  
 406\*Hodnett Dennis  
 407\*Nightengale John  
 408 Wright Herchial B 865-7331  
 501\*Futch Patsy  
 502 Vacant  
 503\*Reavis Denise Mrs  
 504\*Key Carol Mrs  
 505\*Baytes Yvone  
 506\*Hogan Bill  
 507\*Collinsworth Loretta  
 508\*Collins Raymond  
 509\*Gordan Pat  
 510\*Johnson Richard  
 511\*Lavadie Steve  
 512\*Allen Kathleen Mrs  
 601 Edmiston J B 865-8257  
 602\*Garrett Patsy  
 604\*Haggard Carol  
 605\*Antici Ed  
 606\*Kiper Ron  
 607\*Niles Pat Mrs  
 608 Bailiff Tommy C  
 701\*Hollingsworth Janice  
 702\*Naran Phillip  
 703 Kale Robt W  
 704\*Hamack Ronald  
 705\*Jones Johnny  
 706\*Wiston Bill  
 707 Hayes Geo K  
 708\*Smith Lory  
 709\*Hood V K  
 710 Bronson Dana  
 711\*Jackson Connie  
 712\*Hamantree Steve  
 801\*Kinkead Eileen Mrs  
 802\*Milligan Jim  
 803\*Eastman Lee  
 804\*Patterson Mary  
 805\*Snyder Katherine Mrs  
 806\*Roebottom Harold  
 807\*Jamieson Charles  
 808\*Cush Joe  
 901\*Thompson Charles  
 902\*Beivley Pat Mrs  
 903\*Clanton Duane  
 904\*Cook Robert  
 905 Vacant  
 906 Keith Eug  
 907\*Benzinger Harold



## YOUREE DR 1977

523

## YOUREE DR—Contd

908 Vacant  
 1001★Thomas David  
 1002★Kirkpatrick Linda P Mrs  
 1003 Hemperley Roy G 865-5395  
 1004★Ellis Marshall  
 1005 Vacant  
 1006★Gilmer Jeriel Mrs  
 1007★Langoria Manuel  
 1008★Dyar Tom  
 1101★Benoit Al  
 1102★Hataway Debbie  
 1103 Smith Sandra  
 1104★Jones Ted  
 1105★Atkins David  
 1106 Vacant  
 1107★Walton Judy Mrs  
 1108★Bogt Will  
 1201★Fowler C A  
 1202★Stovall Randy  
 1203★Mc Intosh Herbert  
 1204★Bunch Dennis W  
 1205 Garden Donald 865-3726  
 1206★Mitchell Glin  
 1207 Wallis Robt  
 1208 Ghalson John T  
 1301★Garrison Gale  
 1302 Goldsby Henry III 868-0498  
 1303★Ledy H D  
 1304 Pertus Dorothy Mrs 865-1355  
 1305 Taylor Ann  
 1306★Diser Mary J  
 1307★Lombardino Linda  
 1308 Anderson Scott 865-0480  
 1401★Rogers Rebecca  
 1402 Cooper John W 861-6621  
 1403★Stafford Jori Mrs  
 1404★King Herbert  
 1405 Dorman Guy M Mrs  
 1406★Reese James E  
 1407★Tims Tony  
 1408★Harrington Patricia Mrs  
 1501★Martin Kathy  
 1502★Neal Marsha M  
 1503★Hetheswick J K  
 1504★Beck Ricky  
 1505★Mc Kinnley Susan  
 1506 Vacant  
 1507★Gater Marcia  
 1508★Hale Bruce  
 1601★Irvin Jim  
 1602 Vacant  
 1603 Ryland D H  
 1604 Vacant  
 1605★Bridwell Ron P  
 1606★Sawyer Robert  
 1607★Ferguson Jerry Mrs  
 1608 Berryhill Joe F 865-0464  
 1701★Michell Douglas  
 1702★Rachal Helen  
 1703★Floyd Jerry  
 1704 Allen Julie 865-5227  
 1705★Wilson Jim  
 1706★Daugharty Mike  
 1707★Webb Linda  
 1708★Quinby Joe  
 1709 Vacant  
 1710 Wright Donald R  
 1711★Strickland Cecil  
 1712★Carraway Danl  
 1713★Hutts Larry  
 1714★Harlan Mike  
 1715 Rehman Orif

1716★Morris Stephen  
 1801★Saunders Pauline Mrs  
 1802★Sears Michael  
 1803★Shaw William  
 1804★Rok Ron  
 1805★Zimmerman Beverley Mrs  
 1806★Cawood Marvin  
 1807★Evans Ty  
 1808 Southern Gloria 20  
 1901 Johnson John 20  
 1902 Vacant 20  
 1903★Allen Mike 20  
 1904★Fuqua Sue Mrs 20  
 10707 Bank I' Business Systems Inc data 2  
 processing sup 865-2361 2

YOUREE DR EXTENSION —FROM 400  
 E STONER AV SOUTH TO E  
 WICHITA ST

## ZIP CODE 71101

1301 Anti-Pest Co Inc control 221-6181  
 1302 Martin Animal Hospital 222-9317  
 1305★Loud Jareline Mrs 222-6159  
 1309 Dixon Mack  
 1309½ Mitchell Rosie 221-9632  
 1315 Holland Atlean Mrs 221-7405  
 1319 Alexander Nathl H ©  
 1323 Sanders Arnee G Mrs © 425-8974  
 1324 Vacant  
 1327 Vacant  
 E EGAN ST INTERSECTS  
 1335 Harris Robert © 424-7526  
 1411 No Return  
 1419 Calep Ora L © 424-7213  
 1421 Martin Cleaners 221-7057  
 1423 F & C Grocery & Market 221-9307  
 E JORDAN ST INTERSECTS  
 1505 Vacant  
 1509 Ferguson Henry © 222-0429  
 1517 Bush's Grocery 222-1634  
 1523 Gallon Johnson © 425-2165  
 1525 No Return  
 1527★Mc Coy Ludie M 222-2665  
 1529 Stoner Hill Neighbor Community  
 Center 221-6571  
 1531 Wiley Ruby J Mrs 425-1453  
 1537 Bush Ebenezer B 425-8048  
 1555 Johnson Ashton © 222-7909  
 E HERNDON INTERSECTS  
 1601 Vacant  
 1603 Mc Clain Charlie 425-3384  
 1605 Sims Rhodessa S Mrs © 221-9964  
 1611 Blake Dollie J Mrs © 222-4191  
 1612 Antwine Willie E 425-8938  
 1641 Williams Margt  
 1643 Polun Amy Mrs  
 1645 No Return  
 1647★Taylor Deborah  
 1653 Taylor Jack © 425-5757

YOUREE ST (BOSSIER CITY)—FROM  
 1900 SCOTT NORTH TO MCCALL

## ZIP CODE 71010

720 Stewart Luther A © 742-0350  
 NINA ST INTERSECTS  
 724 Weems Edw C 746-7138  
 802 Bossier Public Scale 742-0351  
 805★Lanier Jim  
 809 Vacant

SHREVEPORT, LA END



# YOUREE DR 1972

5725 Southfield Shopping Center  
Lad'n Lassie Inc 861-7532  
5731 T G & Y Stores variety 868-3976  
5737 Casa Di Rex beauty salon 865-5632  
5739 Southmoor Drug Store 861-0508  
5741 Wolfe Shoe Store 868-0416  
5747 Interiors Inc 868-5331  
5750 Louisiana Bank & Trust Co  
(Southfield Br) 869-1250

**STREET CONTINUED**

5801 Bouquet Florist 869-1269  
5803 Southfield Plaza Medical Center  
A Cosse Spiro G dentist 869-1248  
B Mayers Phil D dentist 865-4031  
C Lang James R Jr dentist 865-2250  
E Hill John W podiatrist 869-1621  
G Lattier Joseph M Jr dentist  
861-1821  
H Worley Kaylan F dentist 868-0295

**STREET CONTINUED**

5805 John Hancock Mut Life Ins Co  
861-7666  
5807 Vacant  
5808 Separate Place women's clo 868-4540  
5809 Jance's Beauty Salon 868-4491  
5811 Vacant  
5812 U S Post Office (Southfield Station)  
868-5453  
5815 Kon Tiki Restaurant 869-2316  
5817 Stan's Record Shop 869-1291  
5819 Rosemarie Gifts 868-4247  
5821 Tall & Stout Shop womens clo  
868-1616  
5823 Don's Deb Shop women's clo 868-4318  
5825 Southfield Plaza Shopping Center  
Lorant's Sporting Goods Inc 868-4436  
5827 Farmers Seafood Mart 868-6643  
5909 Southfield Texaco Service Station  
868-0470  
5910 Ford Motor Credit Company 865-1486  
Ford Motor Credit Company  
Consumer Loans 868-6512  
State Farm Insurance 865-5694  
Hall Charles T & Sons realtor  
869-2512  
5912 Vacant  
**STREET CONTINUED**  
6005 Broadmoor Christian Church 865-9431  
6008 Youree Drive Junior High School  
868-5324

160

## ZIP CODE 71105

7800 Towne Oaks South Apartments  
869-1675  
101 Wallace Don A 869-2274  
102 Snelling Joseph C 865-8856  
103 Hanson Dan 869-1676  
105 Ranft Arth  
106 Lee Edmond A 865-1774  
107 White Steve  
108 Hornsby Carl 868-3315  
109 Vacant  
110 Vacant  
113 Pieper Ben W 861-6349  
115 Myers Rinda O Mrs  
116 Paquette Eug M 868-8248  
117 Elliott Robt L  
119 Ramsey Zoe  
121 Hawkins Dale A 865-2516  
122 Austin Nina W Mrs 861-0069  
123 Ralston Robt G 861-7244  
127 Vacant  
130 Scheel John R Jr 865-2244  
132 Baker Robt A 865-4095  
134 Vacant  
135 Harbour David

24

136 Wilson Richd M 861-4238  
140 Broadus Donald A 861-7938  
142 Anthony Reagan 869-2955  
143 No Return  
147 Wagstad Gerald E  
148 Heron Thos A Jr 865-7600  
149 Vacant  
150 Worley E Edw 869-2600  
151 Abramson Isaac  
152 Lipper Harold C 865-2274  
153 Frederiksen John G Jr 869-2734  
154 Lees Robt L 869-1505  
201 Barker Betty 869-1675  
202 Mazyer W B  
205 Vacant  
206 Maddox Henry W 865-7051  
209 Vacant  
215 Mayeaux James R  
219 Gibbon Earl C  
221 Teasley Harvey D 861-7219  
224 Wood Harry D  
227 Birdsong Roy N  
228 Stge Rm  
230 Caldwell Robt  
231 Gekakis Geo  
232 Edie John M 868-3720  
233 Eatman Robt E 865-9389  
234 Pender Eug 868-3709  
235 Arnold Robt  
236 Butts H H  
241 Vacant  
242 Graham Harry L 868-6936  
244 Vacant  
248 Kendrick Leroy W 869-2124  
249 Vacant  
251 Vacant  
252 No Return  
253 Cayard Allie 861-0904  
254 Williams Duane J 865-6862  
255 Rushing Gail  
256 Heard Carol D 865-0453  
258 Resnick Jack 865-3055  
259 Hunsicker David R 865-6292  
260 Blake Steph C 868-7729  
261 Davis Dan H  
262 Barineau John N 861-1658  
263 No Return  
264 Vacant  
265 Gay Jerry D 865-4993  
267 Vickers Marvin H 868-6486  
268 Vacant  
271 Tingle Charles G 861-6583  
272 Silva Ray  
273 Hearne Michelle 861-4853  
274 Cassaday Ron L Rev 865-2117  
277 Bussey Pat  
278 Emerson Sam M Jr  
279 Bartle Tom M 865-3036  
280 Vacant  
8515 Louisiana State University In  
Shreveport 865-7121  
8710 Crystal Oil Co No 22 gas sta 868-9114  
9509 Nativity Lutheran Church 868-3426

30

### YOUREE DR EXTENSION —FROM 400 E STONER AV SOUTH TO E WICHITA ST

## ZIP CODE 71101

1301 Anti-Pest Co Inc control 423-6181  
1305 Vacant  
1309 Vacant  
1309½ Vacant  
1315 Holland Atlean Mrs 423-7405  
1319 Alexander Nathl H © 423-2373  
1323 Sanders Arnee G Mrs © 425-8974

## YOUREE DR 1968

4523 PINCKLEY'S ESSO SERVICENTER  
GAS 865-1451

---PENNSYLVANIA AV

---INTERSECTS

4530 WILLOUGHBY GULF SERVICE  
STATION 865-3734

24

---ZIP CODE 71105

5725 SOUTHFIELD SHOPPING CENTER  
S & Q HARDWARE 861-0596

5727 LAD'N LASSIE INC 861-7532

5731 T G & Y STORES 868-3976

5735 TALL & STOUT SHOP CLO  
868-1616

5737 VACANT

5739 SOUTHMOOR DRUG STORE  
861-0508

5741 LEO'S SHOE STORE 868-0416

5747 INTERIORS INC 868-5331

STREET CONTINUED

6005 BROADMOOR CHRISTIAN CHURCH  
865-9431

6008 YOUREE DRIVE JR HIGH SCHOOL  
868-5324

160

---ZIP CODE 71105

8515 LOUISIANA STATE UNIVERSITY  
AT SHREVEPORT 865-7121

30

## YOUREE DR 1963

470

4523 PINCKLEY'S ESSO  
SERVICENTER GAS UN5-1451

PENNSYLVANIA AV  
INTERSECTS

4530 BRINT'S GULF SERVICE  
STATION UN5-3734

5725 SOUTHFIELD SHOPPING CENTER  
BUCKELEW HARDWARE CO NO 5  
UN1-0596

5727 LAD'N LASSIE INC UN1-7532

5731 MORGAN & LINDSEY INC  
VARIETY STORE UN5-8515

5735 PERRITT MYRTLE WOMEN CLO  
861-1550

5737 LEO'S SHOE STORE 868-0416

5739 SOUTHMOOR DRUG STORE  
861-0508

5747 INTERIORS INC 868-5331  
STREET-CONTINUED

6005 BROADMOOR CHRISTIAN CHURCH  
UN5-9431

6008 YOUREE DRIVE JR HIGH  
SCHOOL 868-5324

**APPENDIX E**

**SANBORN® MAPS**





**Leonard Road 417 Acre**

Leonard Road

Shreveport, LA 71115

Inquiry Number: 4451126.3

October 28, 2015

## Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor  
Shelton, Connecticut 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



# Certified Sanborn® Map Report

10/28/15

**Site Name:**

Leonard Road 417 Acre  
Leonard Road  
Shreveport, LA 71115

**Client Name:**

C-K Associates, Inc.  
2001 East 70th Street  
Shreveport, LA 71105



EDR Inquiry # 4451126.3

Contact: Andrew Hooker

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by C-K Associates, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Site Name:** Leonard Road 417 Acre  
**Address:** Leonard Road  
**City, State, Zip:** Shreveport, LA 71115  
**Cross Street:**  
**P.O. #** NA  
**Project:** Leonard Road Phase 1 ESA  
**Certification #** C963-44D8-939D



Sanborn® Library search results  
Certification # C963-44D8-939D

## UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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## **APPENDIX F**

### **HISTORICAL TOPOGRAPHIC MAPS**

Prepared for:

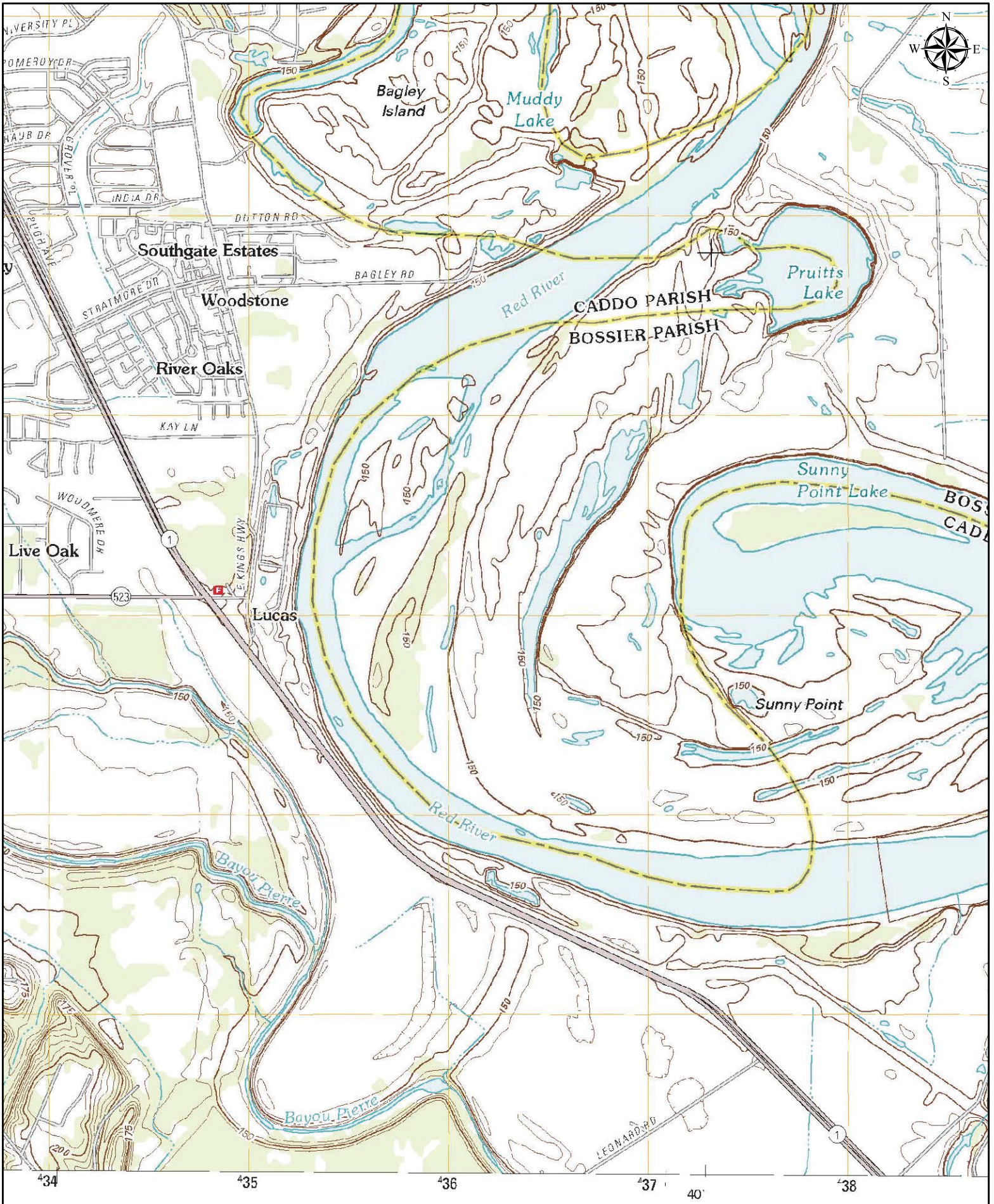
C-K ASSOCIATES, L.L.C.  
2001 East 70<sup>th</sup> Street, #503  
Shreveport, LA 71105



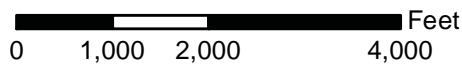
## HISTORICAL TOPOGRAPHIC MAPS

*Franks Lot 4  
Shreveport, LA  
Caddo Parish  
Banks ID: ES-103229  
December 3, 2012*

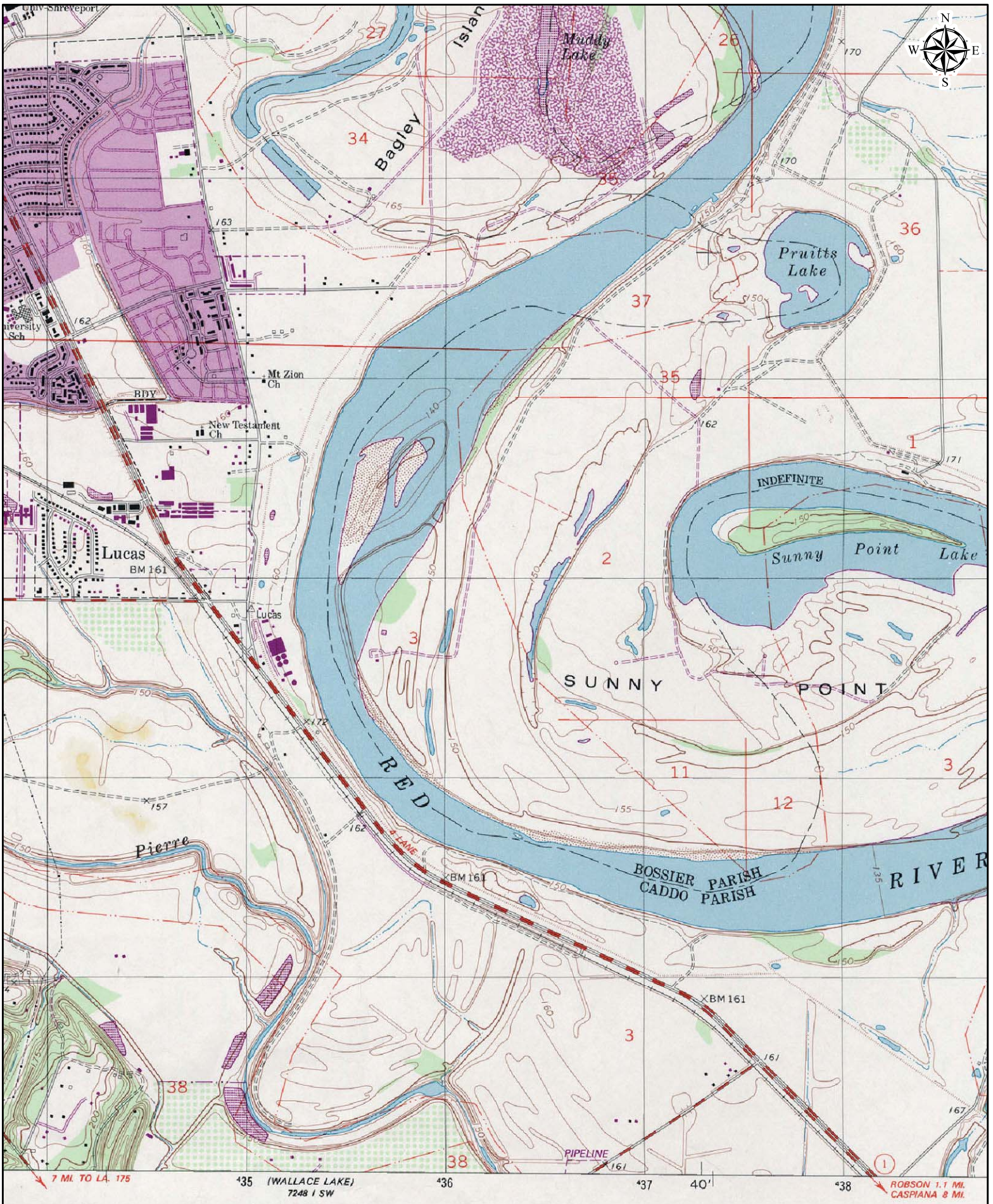




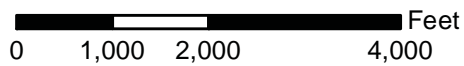
Date: 2012  
 Quad: Shreveport East, LA







Date: 1992  
 Quad: Shreveport East, LA



7 MI. TO LA. 175

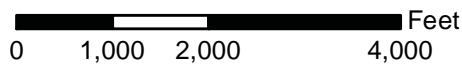
435 (WALLACE LAKE)  
 7248 1 SW

ROBSON 1.1 MI.  
 CASPIANA 8 MI.

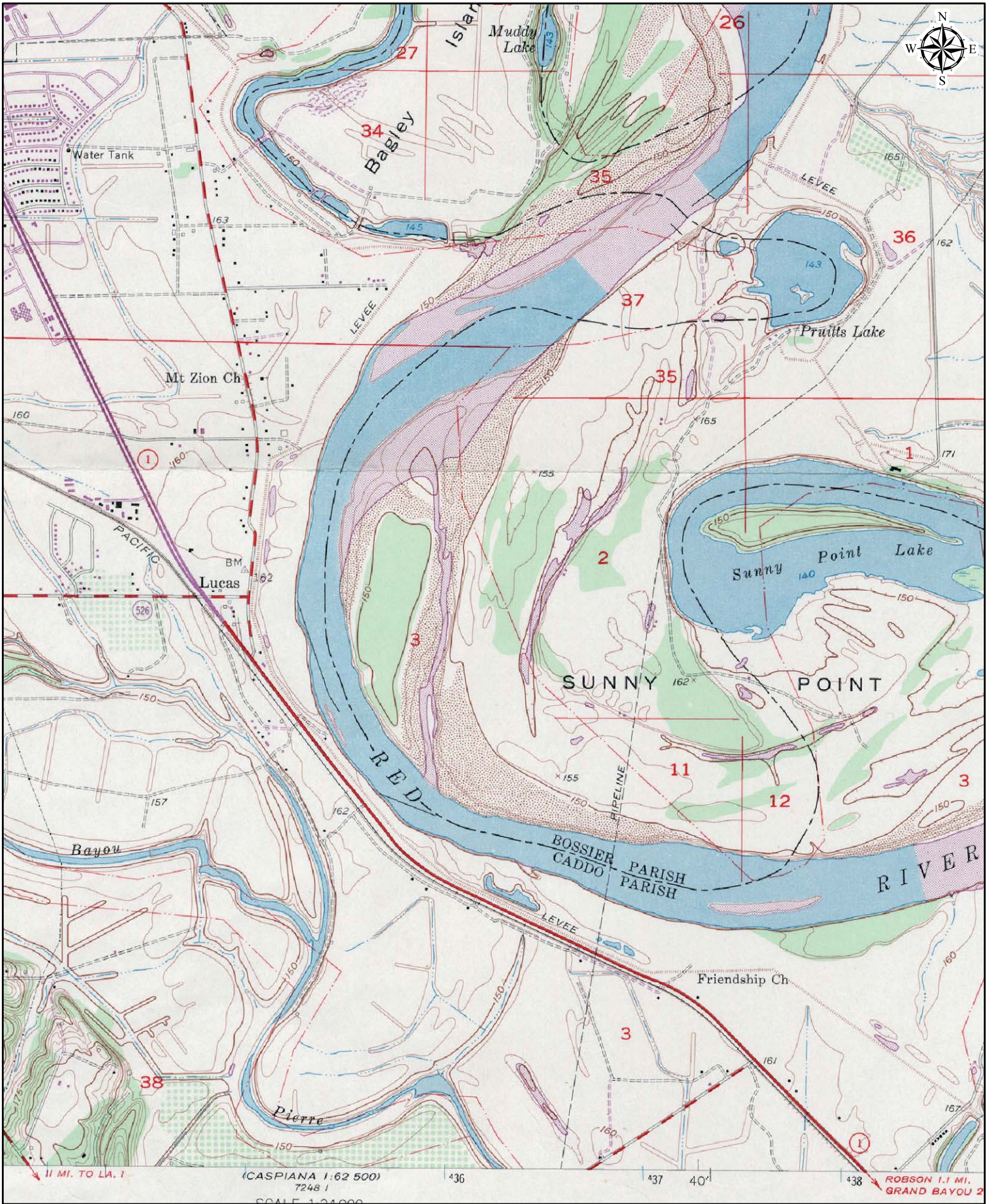




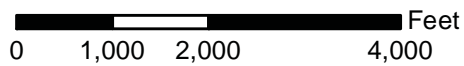
Date: 1980  
 Quad: Shreveport East, LA







Date: 1969  
 Quad: Shreveport East, LA



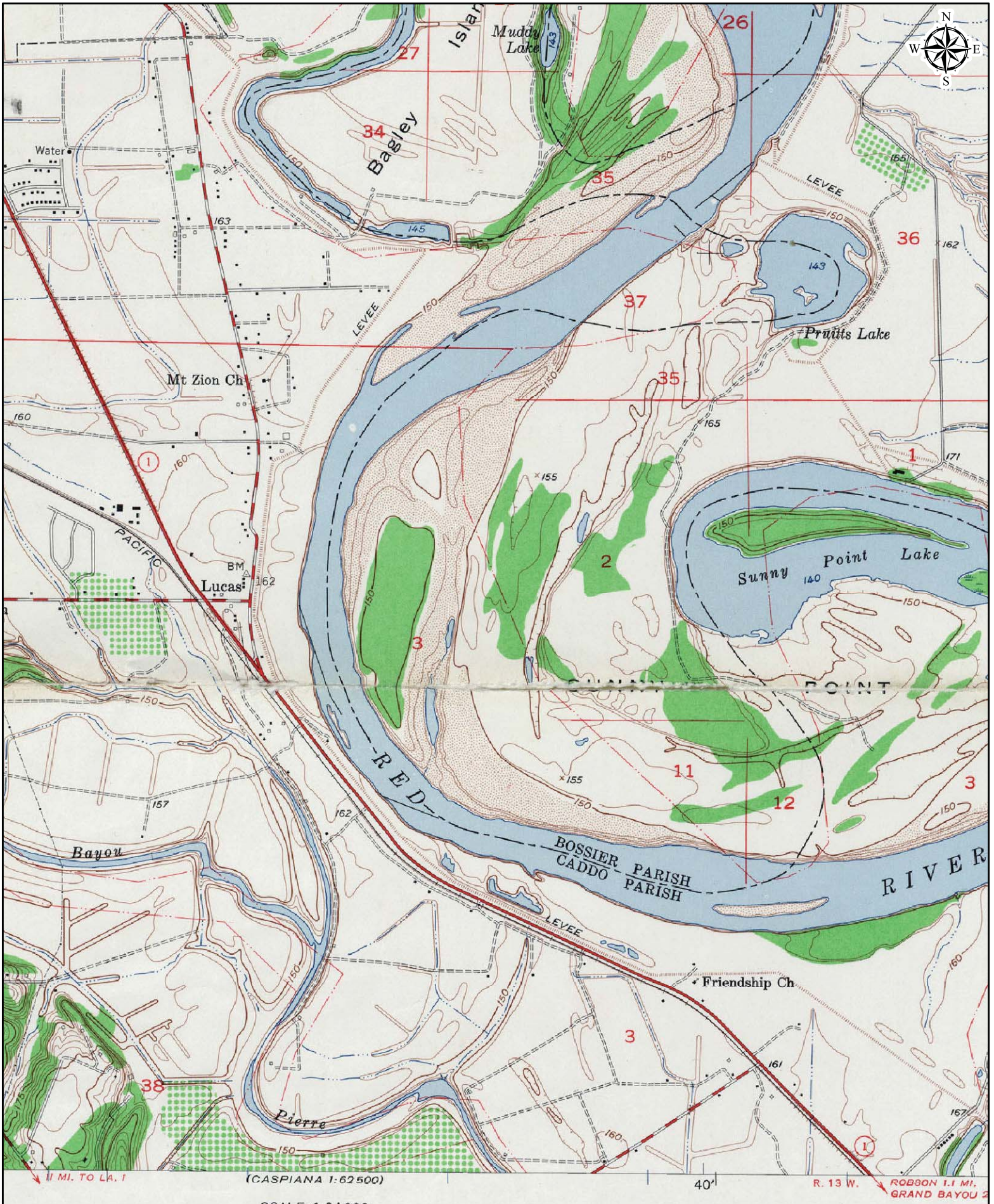
(CASPIANA 1:62 500)  
 7248 I

SCALE 1:24,000

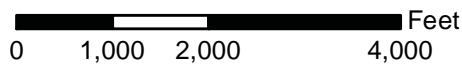
ROBSON 1.1 MI.  
 GRAND BAYOU 2

11 MI. TO LA. 1

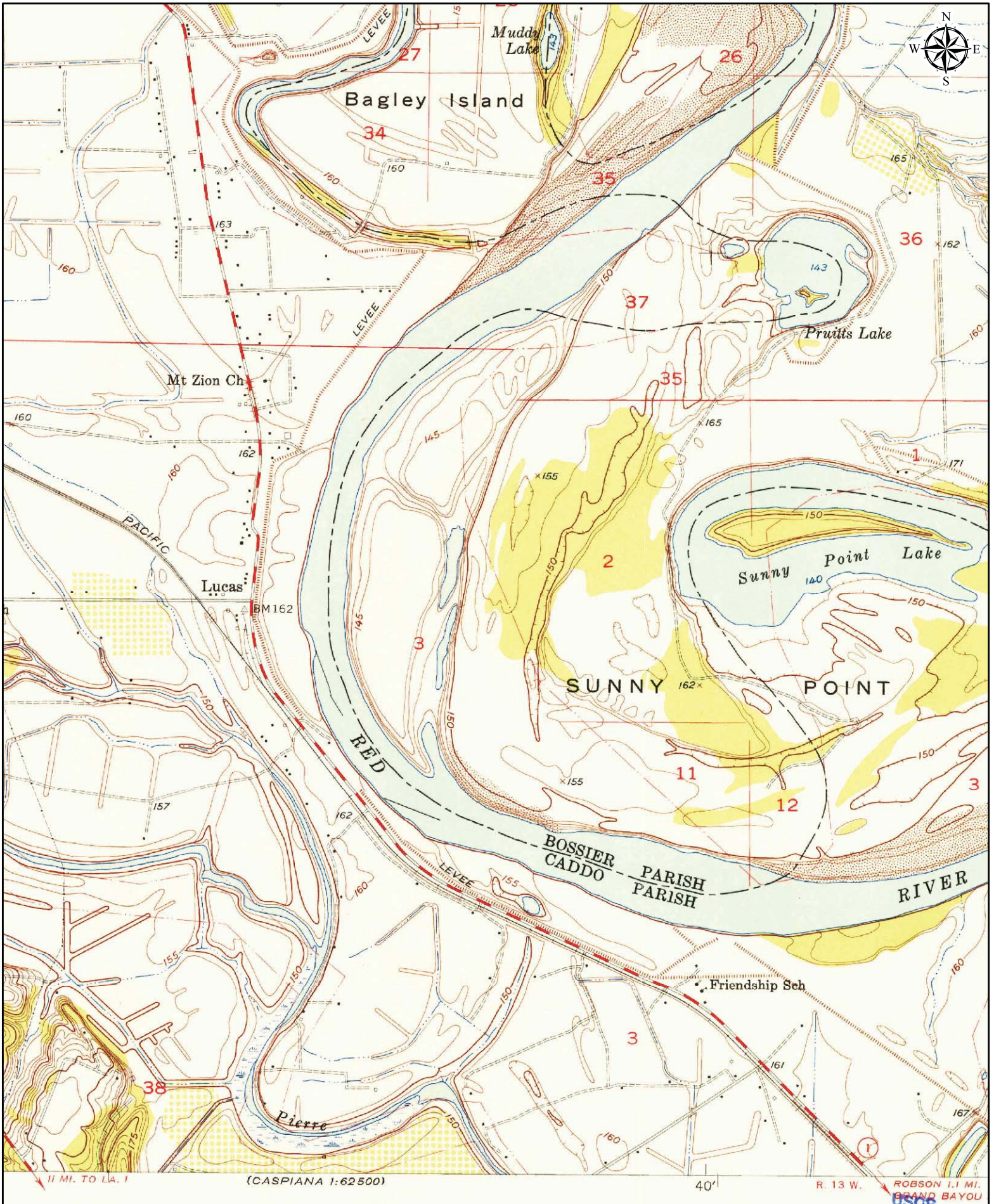




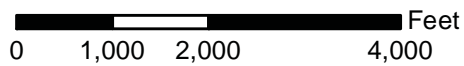
Date: 1959  
 Quad: Shreveport East, LA







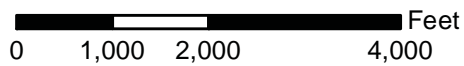
Date: 1955  
 Quad: Shreveport East, LA



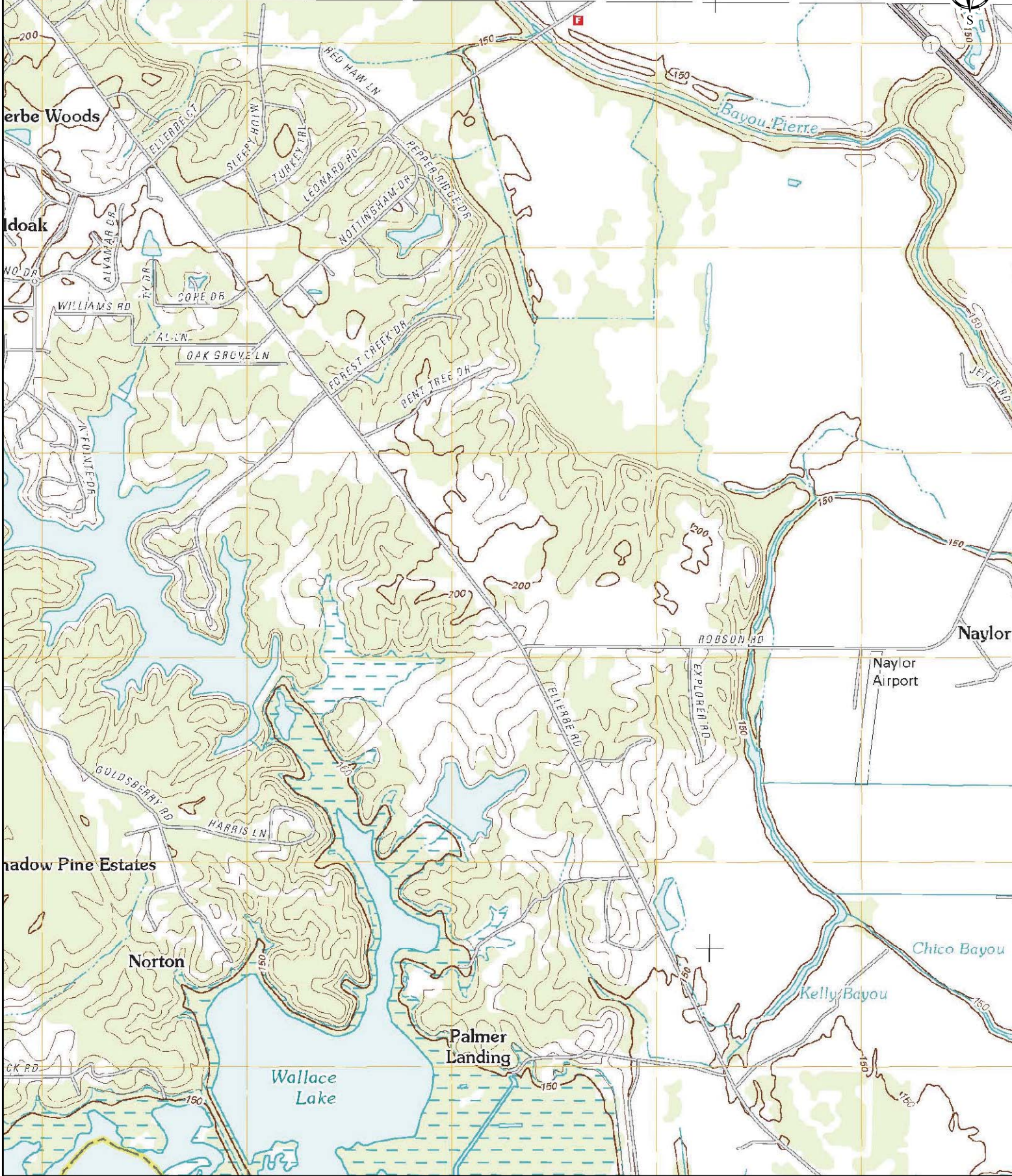




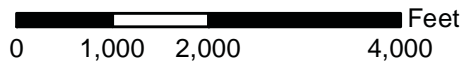
Date: 1941  
 Quad: Shreveport East, LA



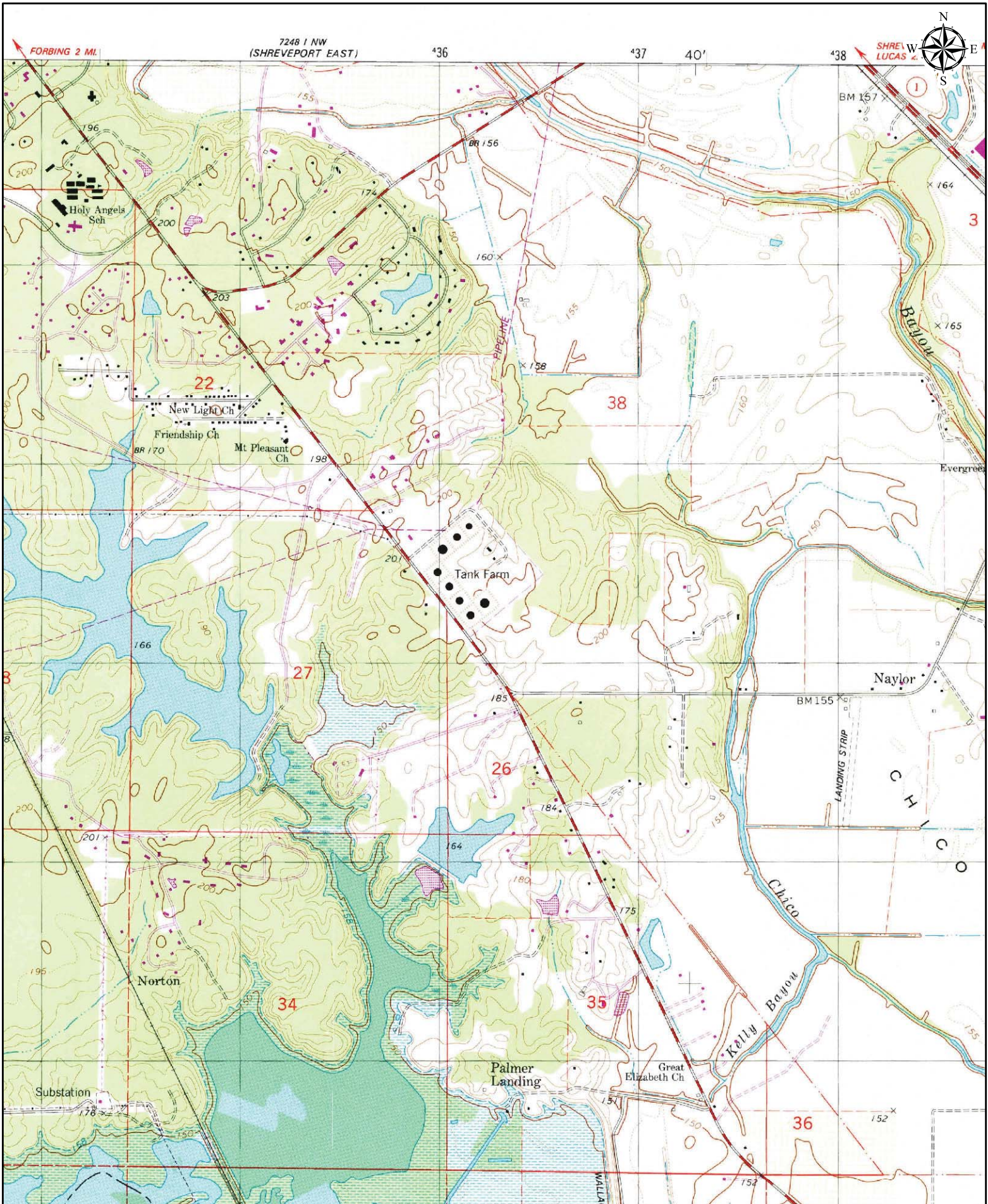




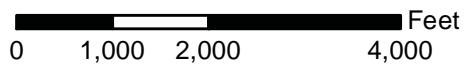
Date: 2012  
Quad: Wallace Lake, LA







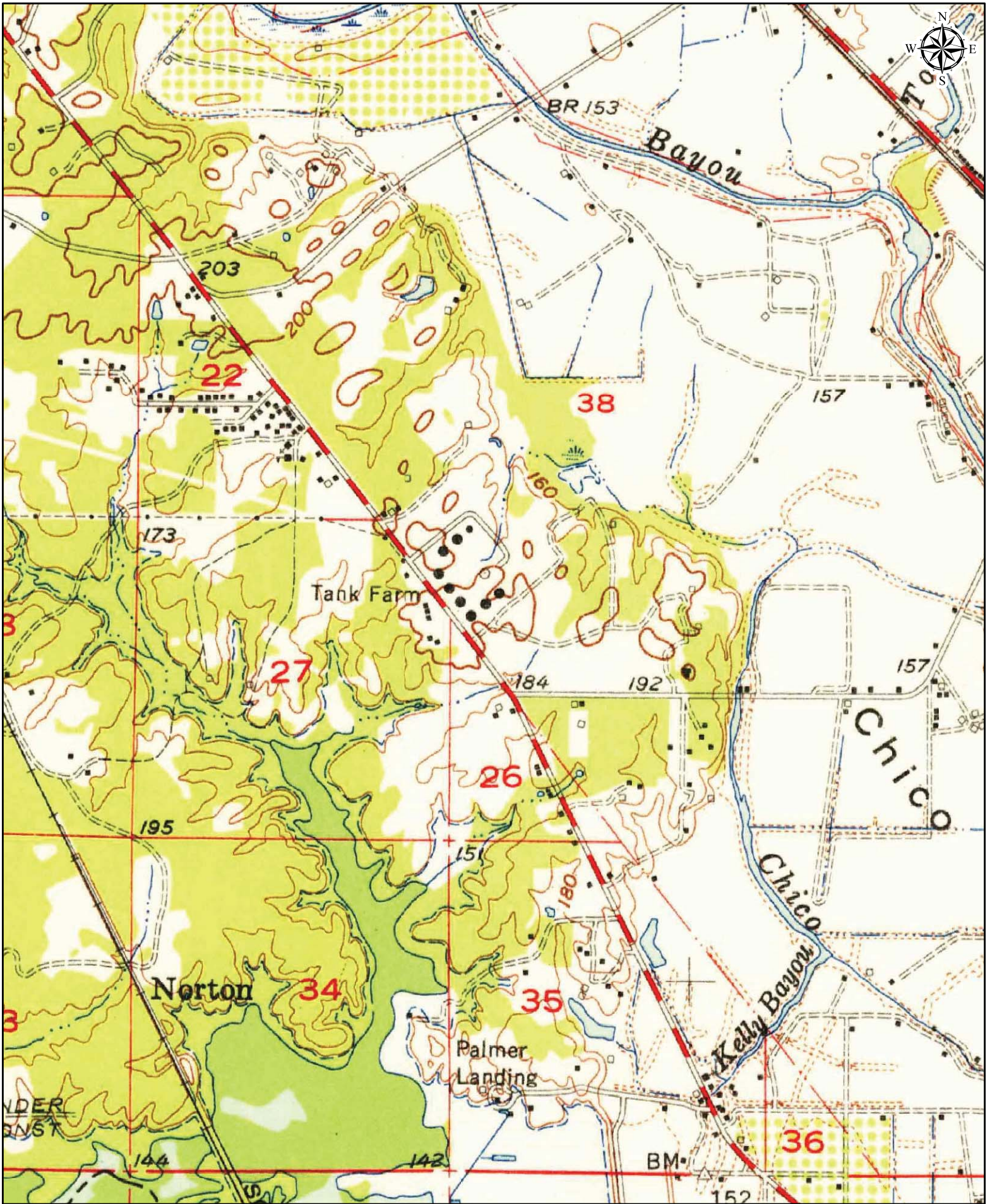
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 Quad: Wallace Lake, LA



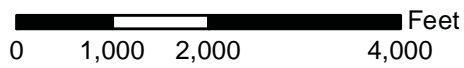




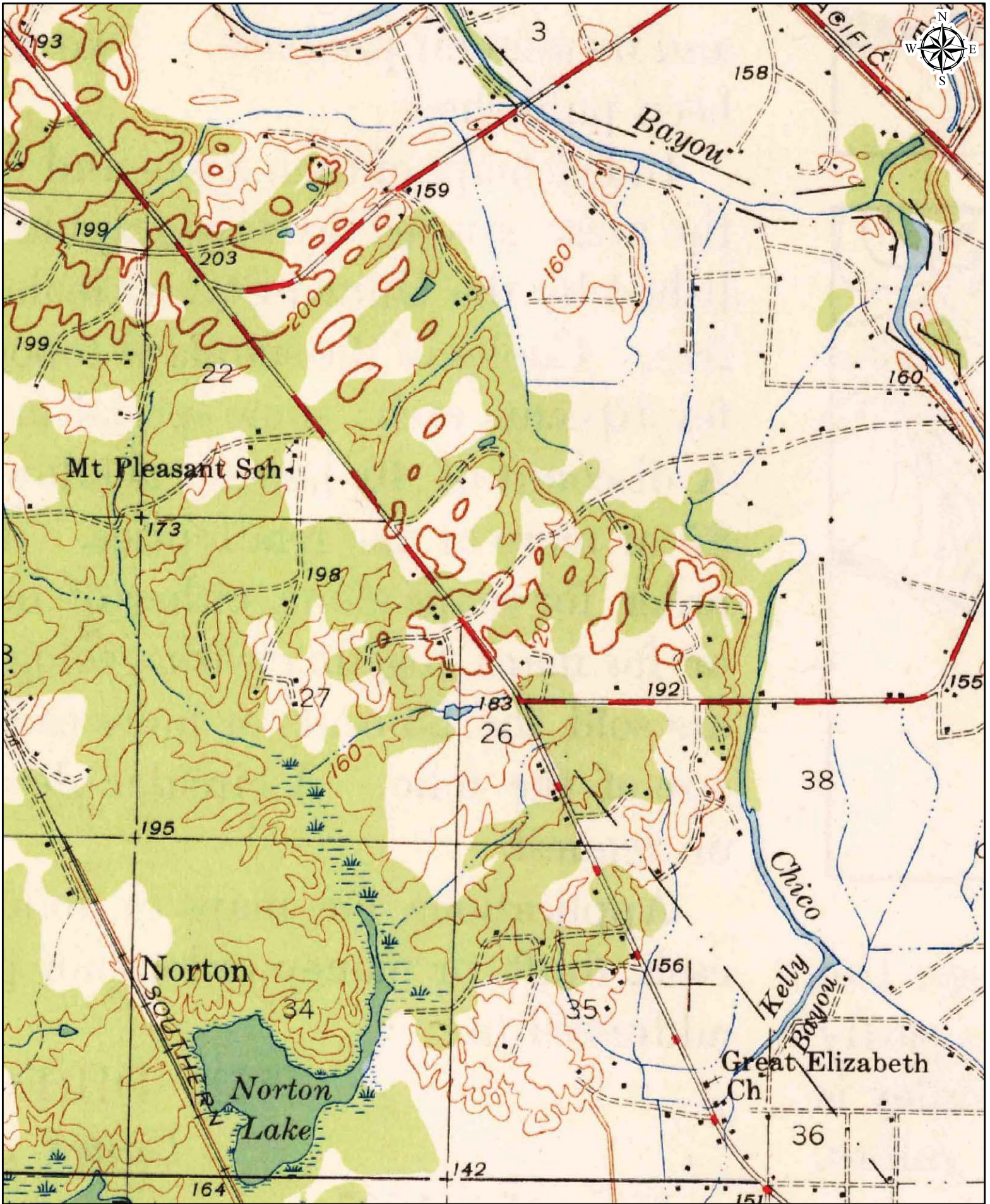




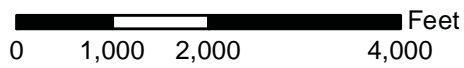
Date: 1955  
Quad: Caspiana, LA







Date: 1948  
 Quad: Caspiana, LA





HISTORICAL TOPOGRAPHIC MAPS	
ES-103229	December 3, 2012



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## **APPENDIX G**

### **HISTORICAL AERIAL PHOTOGRAPHS**

Prepared for:

C-K ASSOCIATES, L.L.C.  
2001 East 70<sup>th</sup> Street, #503  
Shreveport, LA 71105

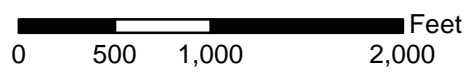


## HISTORICAL AERIAL PHOTOGRAPHS

*Franks Lot 4  
Shreveport, LA  
Caddo Parish  
Banks ID: ES-103229  
December 4, 2012*



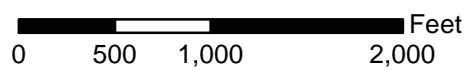
Date: 2010  
Source: USDA



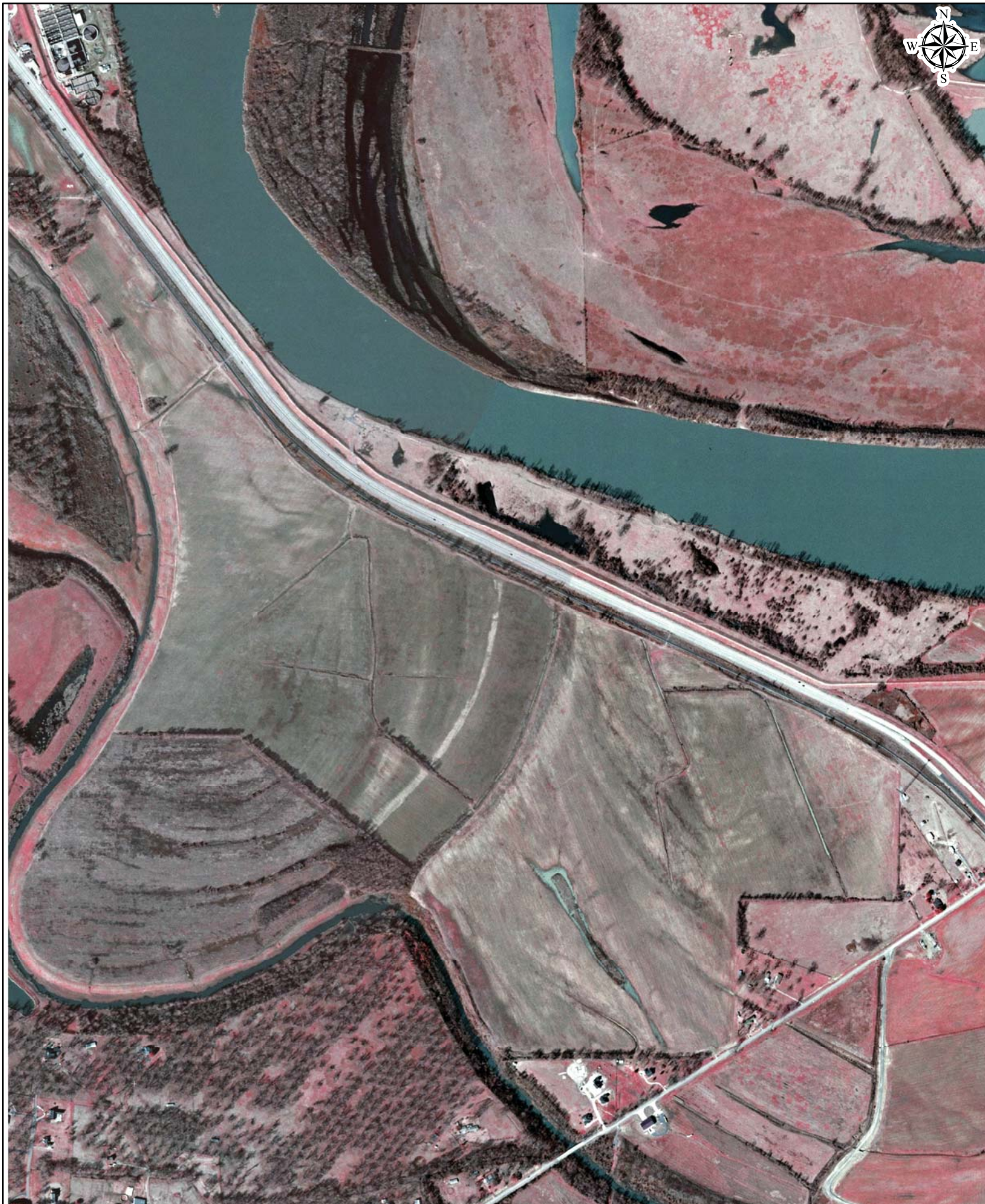




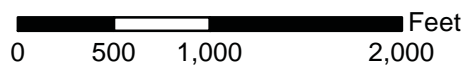
Date: 2002  
Source: USGS







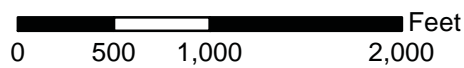
Date: 1998  
Source: USGS







Date: 1994  
Source: USGS







Date: 1989  
Source: USGS

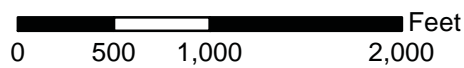
0 500 1,000 2,000 Feet

 **BANKS**  
ENVIRONMENTAL DATA  
A DIVISION OF THE BANKS GROUP





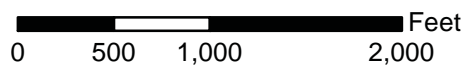
Date: 1974  
Source: USGS







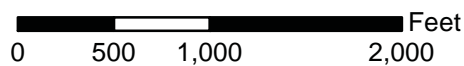
Date: 1969  
Source: USGS







Date: 1966  
Source: USDA

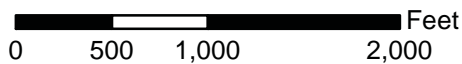




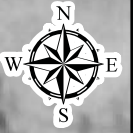
2-59



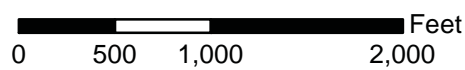
Date: 1959  
Source: USDA







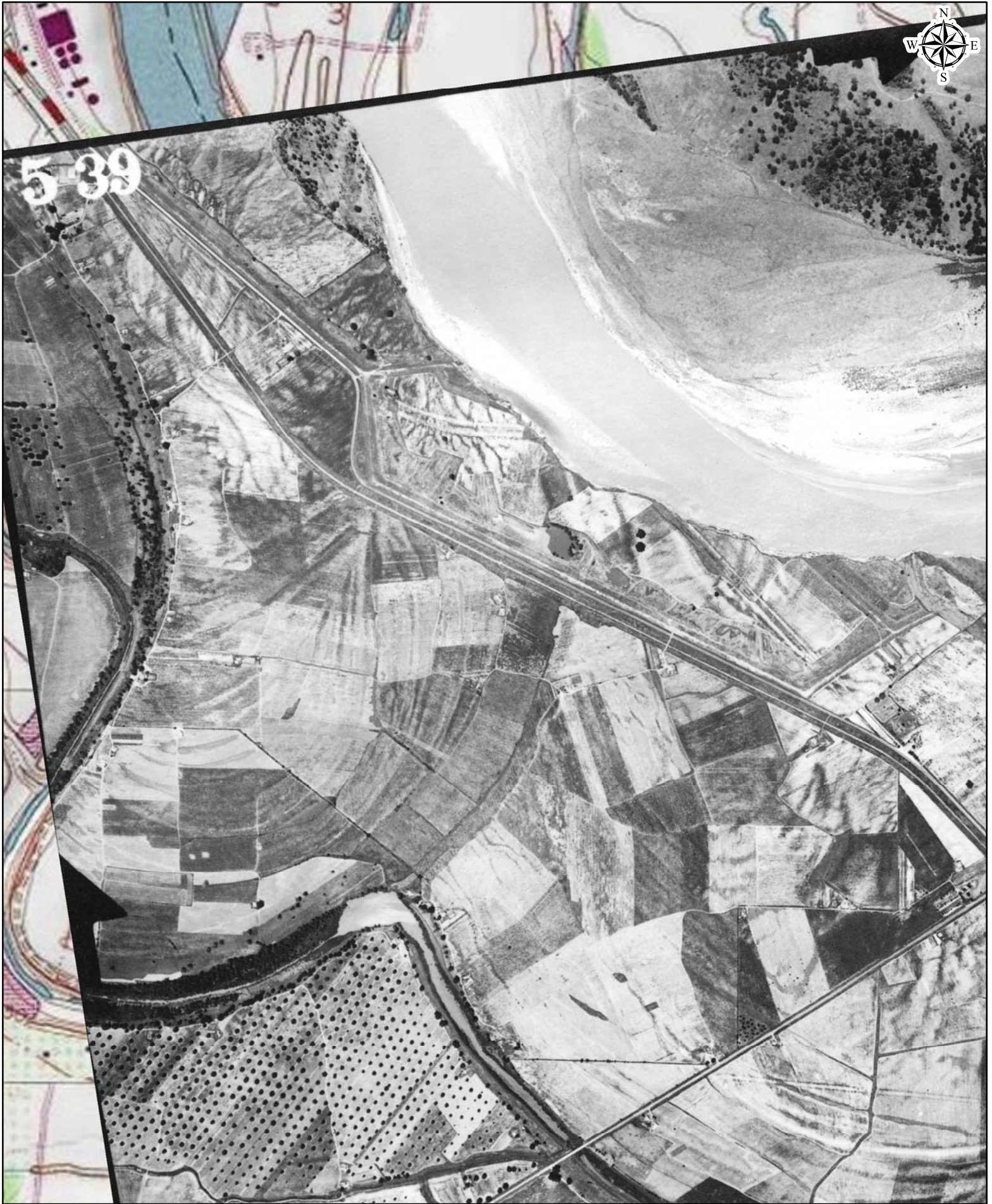
Date: 1949  
Source: AMS



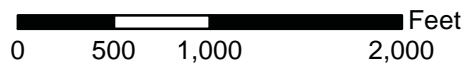




5-39



Date: 1939  
Source: USDA



HISTORICAL AERIAL PHOTOGRAPHS	
ES-103229	December 4, 2012



**AERIAL SOURCE DEFINITIONS**

<b>Acronym</b>	<b>Agency</b>
<b>AerialOK</b>	Aerial Oklahoma
<b>AEX</b>	Aerial Express
<b>AMI</b>	Aerial Map Industries
<b>AMS</b>	Army Mapping Service
<b>ASCS</b>	Agricultural Stabilization & Conservation Service
<b>EDAC</b>	Earth Data Analysis Center
<b>Fairchild</b>	Fairchild Aerial Surveys
<b>LDOT</b>	Louisiana Department of Transportation
<b>Teledyne</b>	Teledyne, Inc.
<b>TXDOT</b>	Texas Department of Transportation
<b>USNavy</b>	United States Navy
<b>USAF</b>	United States Air Force
<b>USCOE</b>	United States Corps of Engineers
<b>USDA</b>	United States Department of Agriculture
<b>USFS</b>	United States Forestry Service
<b>USGS</b>	United States Geological Survey
<b>WALLACE</b>	Wallace-Zingery Aerial Surveys
<b>WSDOT</b>	Washington State Department of Transportation

HISTORICAL AERIAL PHOTOGRAPHS	
ES-103229	December 4, 2012



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**APPENDIX H**

**PHOTOGRAPHS**



**Drainage swale located near the north central area of assessment property looking south.**



**Northern area of the assessment property looking south.**



**Pipeline marker near southeast corner of assessment property.**



**Chesapeake Operating, Inc. well site located near the north-central portion of the assessment property.**





**Drainage swale located in the central area of the assessment property looking south.**



**BHP Billiton Petroleum Company well site located near the northwest area of the assessment property.**





**Train tracks run along the northeast border of the assessment property.**



**Drainage swale and pipeline marker located in the southwestern area of the assessment property looking north.**



**BHP Billiton Petroleum Company well site located near the northwest area of the assessment property.**



**Southern area of the assessment property looking north.**





**Bayou Pierre located on the western border of the assessment property looking north.**



**Northern area of the assessment property looking south.**



**Sand Beach Bayou flowing into Bayou Pierre on the western border of the assessment property.**



**Northern area of the assessment property looking west.**





**Drainage swale located in the northern area of the assessment property looking east.**



**Trash, debris, and hold homestead located on the northern area of the assessment property.**



Western corner of assessment property looking southwest.

## **APPENDIX I**

### **OWNER QUESTIONNAIRE**



Site Name and Address: Franks Investment Company, L.L.C.  
Highway 1/Leonard Road Tract (417+/-acres)  
Caddo Parish, LA

**OWNER QUESTIONNAIRE**

Please indicate YES or NO for the following questions, using the back of this page for further explanation. Attach additional pages as necessary.

- |   |            |           |
|---|------------|-----------|
| 1. Are you aware of the current or past existence of any underground storage tanks or above ground storage tanks on the site?   | YES        | <u>NO</u> |
| 2. Do you know of any fill dirt that has been brought onto the property that originated from a contaminated site?   | YES        | NO        |
| 3. Are there, or have there been, any pits, ponds, or lagoons on the site in connection with waste treatment or waste disposal?   | YES        | NO        |
| 4. Is the property served by a private water well or a non-public water system?   | YES        | NO        |
| 5. Does the property discharge waste water, on or adjacent to the property, other than storm water, into a stormwater sewer system or into a sanitary sewer system?   | YES        | NO        |
| 6. Do you have any knowledge that any hazardous substances, petroleum products, unidentified waste materials, tires, or batteries have been dumped, buried, or burned on the property?                              | YES        | NO        |
| 7. Are you aware of the existence of any of the following documents? Are they available for review?   |            |           |
| a. ESA reports  | YES        | NO        |
| b. Environmental compliance audit reports   | YES        | NO        |
| c. Environmental permits  | YES        | NO        |
| d. Registrations for USTs or ASTs   | YES        | NO        |
| e. Registrations for underground injection systems  | YES        | NO        |
| f. Material safety data sheets  | YES        | NO        |
| g. Community right-to-know plan   | YES        | NO        |
| h. Safety plans, preparedness and prevention plans, SPCC plans  | YES        | NO        |
| i. Reports regarding hydrogeologic conditions on the property or surrounding area   | YES        | NO        |
| j. Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property | YES        | NO        |
| k. Hazardous waste generator notices or reports   | YES        | NO        |
| l. Geotechnical studies →   | <u>YES</u> | NO        |
| m. Risk assessments   | YES        | <u>NO</u> |
| n. Recorded AULs  | YES        | NO        |
| 8. Do you know of any pending, threatened or past litigation relevant to hazardous substances or petroleum products in, on or from the property?  | YES        | NO        |
| 9. Do you know of any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the property?  | YES        | NO        |
| 10. Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?                    | YES        | NO        |

Printed Name: Bobby E. Jelks, Manager, Franks Investment Company, L.L.C.

Relation to the Site: Owner

Signature: 

Date: 12-7-2015



**APPENDIX J**

**NO FURTHER INTEREST (NFI FOR 418 ACRE TRACT) LETTER  
MARCH 15, 2016**

**Office of Environmental Compliance  
Underground Storage Tank and Remediation Division  
NFA, COC, or NFI Letters ONLY**

(Use this form as an attachment to the OEC Route Slip for NFA, COC, or NFI Letters)

<b>Originator:</b> Paula Sen		<b>Check One or Both as Applicable:</b>		<input type="checkbox"/> NFA Letter	<input type="checkbox"/> COC Letter or
				<input checked="" type="checkbox"/> No Further Interest Letter	
Required Cost/Fee Info					
<b>Final Invoicing Verification Contact</b>			<b>Fee Payment Verification Contact</b>		
PRP – Bridget Jones			Solid Waste – Jennifer Bounds		
Environmental Conditions Review – Jennifer Bounds			Environmental Conditions Review – Jennifer Bounds		
VRP – Vicki Thibodeaux			GW Fee – Vicki Thibodeaux		
<b>Date Fee Paid:</b>		<b>Fee Type:</b>	<input type="checkbox"/> SW (\$1320)	<input type="checkbox"/> ECR (\$1500)	<input type="checkbox"/> GW (\$_____)
<b>Date Final Invoice Paid:</b>		<b>Invoice Type:</b>	<input type="checkbox"/> PRP	<input type="checkbox"/> VRP	<input type="checkbox"/> ECR (if costs incurred > \$1500 fee)
Technical Criteria Checklist for NFA/COC					
Document that vertical and lateral extent of impact has been defined to extent required. Check one:				<input type="checkbox"/> Industrial/Commercial	
				<input checked="" type="checkbox"/> Non-Industrial (residential)	
Available information documents constituent concentrations in all media are less than or equal to the limiting RS at this time; OR Exceedance is addressed under a VRP Partial Remedial Action by Use Restrictions. <u>Verified by Team Leader (TL)</u>					<u>PS</u> TL initials
Explain any unusual conditions or allowed exceedance.	Partial NFI for 218 acres of 233-acre site. In 2006+ chlorides in soil indicate the LRS for EC, SAR, ESP are met). Current groundwater sampling and analysis indicate chlorides are below the LRS set forth in the Cooperative Agreement (the chlorides plume has not migrated onto this property).				
Controls in Place					
Are either LaDEQ-approved Controls (Engineering or Institutional) or Use Restrictions (VRP) part of the remedy? If "YES", attach a Clerk of Court Certified Copy, and select which types of control:					<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>Engineering Controls</b>			<b>Institutional Controls</b>		
<input type="checkbox"/> Access Controls (Fences, etc.)	<input type="checkbox"/> Access Restrictions		<input type="checkbox"/> GW Use Restriction		
<input type="checkbox"/> Cap/Surface Soil Barrier Construction/Maintenance	<input type="checkbox"/> Building/Construction Restrictions		<input type="checkbox"/> Land Restriction		
<input type="checkbox"/> Impervious Cap	<input type="checkbox"/> City Ordinance		<input type="checkbox"/> Mortgage Notice (SW Industrial/Commercial)		
<input type="checkbox"/> Signage	<input type="checkbox"/> Conveyance Notice (all Industrial/Commercial)		<input type="checkbox"/> Non-Residential Use Restriction		
<input type="checkbox"/> Subsurface Containment	<input type="checkbox"/> Excavation Restriction		<input type="checkbox"/> Servitudes		
	<input type="checkbox"/> Partial Remediation Agreement		<input type="checkbox"/> Other		
Monitoring wells and/or borings were properly plugged and abandoned. <u>Verified by Team Leader (TL)</u>					<u>PS</u> TL initials
Waste from investigation and/or corrective actions were properly disposed of, and disposal manifests or other documentation has been provided to LDEQ. <u>Verified by Team Leader (TL)</u>					<u>PS</u> TL initials





**OFFICE OF ENVIRONMENTAL COMPLIANCE  
UNDERGROUND STORAGE TANK AND REMEDIATION DIVISION**  
Routing/Approval Slip



AI No.	142411	Facility:	Leonard Road	Date Routed:	3/1/16
Other ID No.		Location:			
Activity No.		Originator:	Paula Sen		
Section/Group:	GGI	Attachments:	NFI, BOD, RP 5339		
Description/Type of Document(s):	Part 21 Deletion NFI				

- Closure    
 Comfort Letter    
 Correspondence    
 Corrective Action    
 Conveyance Notice   
 NFA    
 NOD    
 Personnel    
 Other

Technical Review	Req'd.	Initials	Date	Return to Originator?	Comments
Environmental Scientist	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N	
Geology	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N	
Legal	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N	
Technical Advisor	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N	
Other ( _____ )	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N	

Additional Comments: *Please Rush*

Management Review	Req'd.	Initials	Date	Return to Originator?	Comments
Supervisor	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N	
Manager	<input checked="" type="checkbox"/>	<i>CS</i>	<i>3-8-16</i>	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
Administrator	<input checked="" type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N	
Assistant Secretary	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N	
Deputy Secretary	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N	
Secretary	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N	
Other ( _____ )	<input type="checkbox"/>			<input type="checkbox"/> Y <input type="checkbox"/> N	

Additional Comments:

TEMPO Data Entry Completed (Date Document Completed): \_\_\_\_\_



State of Louisiana  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF ENVIRONMENTAL COMPLIANCE

MAR 15 2016

---

Mr. William G. Davis  
McGlinchey Stafford PLLC  
One American Way, 14<sup>th</sup> Floor  
Baton Rouge, Louisiana 70825

RE: No Further Interest (NFI for 418 acre tract)  
Leonard Rd. Spill Site and Hwy 1/Leonard Rd. Tract, **AI No. 142411**  
NW Corner of Leonard Road and LA Hwy 1 S Intersection  
Shreveport, Louisiana (Caddo Parish)

Dear Mr. Davis:

The Louisiana Department of Environmental Quality, Office of Environmental Compliance has received your correspondence dated June 3, 2015 and December 1, 2015 concerning the above-referenced property and proposed tract for the uncontaminated portion of this property.

In your June 3, 2015 letter you requested the 433-acre property owned by Franks Realty, LLC, known as the Leonard Road Spill Site, be divided into two different areas (approximately 418 acres and 15 acres). The division could facilitate development/transfer of the larger area (418 acres). Your December 1, 2015 submittal included two survey plats and plugging and abandonment documentation for monitoring wells we had requested in our July 23, 2015 correspondence to you.

Based on the limited information submitted, the Department has no further interest in the 418 acre tract. Should you discover any discharges in future monitoring efforts, reporting must be in accordance with Department regulations. We will maintain copies of the survey plat maps in our files for future reference. We will continue oversight of the remediation activities at the other area, the 15 acre contaminated tract. Thank you for keeping us informed of your activities.



William Davis  
Page 2

This letter is not intended and should not be construed to be a concurrence that the information provided is adequate to ascertain the condition of the property in question.

If you have any questions concerning this matter, please contact Paula Sen in the Northwest Region Office in Shreveport at (318)676-7521.

---

Sincerely,



Gary A. Fulton, Jr., Administrator  
Underground Storage Tank and Remediation Division

GAF/ps

- c: Imaging Operations – Inactive and Abandoned Sites  
Terri Gibson  
Bobby E. Jelks, Franks Management Co.  
Eric England, Caddo–Bossier Parishes Port Commission  
David Upthegrove, Michael Pisani & Associates, via email  
Gordon Moore, CK Associates, via email  
Garry Chang, Tervita Corporation  
Melissa Cresson, Kean Miller  
Joyce Matthews, Roedel Parsons  
Drake Lee, Franks Management Co.

**APPENDIX K**

**RESUME**



## **Andrew C. Hooker**

Environmental Scientist II

## **RESUME'**

### **EDUATION**

B.S., Environmental Science, Louisiana Tech University, 2006

Minor, Geographical Information Sciences, Louisiana Tech University, 2006

### **EXPERIENCE**

**C-K Associates** – Environmental Scientist, 2013 – Present

**CRA** - Environmental Scientist, 2006 - 2013

### **AREAS OF EXPERTISE**

Risk Assessment

Air Permitting

Water Permitting

As an Environmental Scientist, Mr. Hooker is responsible for project coordination of air and water permitting and risk assessment projects. He has more than 8 years' experience including six (6) years as a Project Manager for UST facilities and wastewater monitoring projects. He has a significant multi-media regulatory background and is strong in negotiating with federal and state regulators pertaining to compliance issues and permitting flexibility. Mr. Hooker also served as an environmental equipment manager for five (5) years. These duties included maintaining and calibrated all environmental equipment.

Mr. Hooker's extensive risk assessment experience includes approximately 50 Phase II Investigations, emergency response oversight for multiple spills in the oil and gas industry and railroads, RECAP evaluations, development of sampling and analytical plans, NORM surveys, large scale excavation oversight, multi-media field sampling, and Phase I Site Assessments.

Mr. Hooker's water permitting experience includes multiple SWPPP and SPCC plans, saltwater disposal facility audits, and wastewater/stormwater permitting.

**PROJECT HIGHLIGHTS**

- **King Ranch Initial Site Assessment** – Lead geologist/scientist for the installation of approximately 180 monitor wells, oversight of all drilling activities and survey team.
- **Grand Bayou Derailment** – Emergency response lead for a train derailment and spill of 5,000 gal of diesel. Oversight of all initial clean-up activities. Oversight of subsequent excavation and confirmation sampling.
- **Big Hill Excavation** – Field supervisor for 9+ acre excavation of salt impacted soil.
- **SWEPCO SPCC** – Project coordinator for 50+ SPCC plans for SWEPCO in northwest Louisiana.
- **Otto's UST Facility** – Mr. Hooker wrote a Corrective Action Plan for chemical injection of ORC (Oxygen Release Compound) and EFR events for remediation of the site. The site was closed within the year.
- **Haynesville Shale** – Mr. Hooker managed and supervised multiple site investigations, excavations, sampling events, and surveys for multiple clients within the Haynesville Shale field.