

**LOUISIANA ABANDONED OIL FACILITY
SITE ASSESSMENT SUMMARY REPORT**

FOR

**Quality Petroleum, Inc.-Hoffman, et al.
Caddo Parish, Louisiana
FPN: E06614
EPA ID: 09-E-1181**

May 23, 2008

**Prepared for:
United States Army Corps of Engineers
Tulsa District**

**USACE Contract: W912BV-06-G-1001
USACE Task Order No.: 0007
E & E Project No.: 002338.TU07**

**Prepared by:
Ecology & Environment, Inc.
Baton Rouge, Louisiana**



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Louisiana Abandoned Oil Facility Site Assessment Summary Report

FACILITY SUMMARY

Facility Name: Quality Petroleum, Inc.-Hoffman, et al.

FPN: E06614

Parish: CADDO

Referral Date: 2/28/2006

Assessment Status: Abandoned

Date: 11/15/2006

Current Status: Abandoned

Date: 4/5/2008

Statement of Threat:

Drainage from Source 1 flows southeast down gradient (a 35-foot drop over 770 feet) to a National Hydrography Dataset (NHD) defined perennial tributary of Caddo Lake, which is hydrologically connected to and forms a significant surface water nexus with Caddo Lake. Caddo Lake is navigable “in fact” and subject to interstate commerce.

An actual and substantial threat of discharge was determined to exist by the Federal On-Scene Coordinator (FOSC) at Source 1. Containers AST1 and AST3 were actively discharging their oily contents through seeps from corroded and delaminated metal or peeling and degraded fiberglass at their bases. All containers at Source 1 have heavy corrosion at the lower tank sidewalls and on connecting flow lines. Due to their poor condition, catastrophic failure is imminent; meaning all tank contents will be released into secondary containment, where present. The berm of the secondary containment around the containers is breached, reducing its holding capacity. As a result, 74.5 barrels (bbl) of oil and oil emulsion and 68.4 bbl of oily produced water could drain from Source 1 and flow downgradient, ultimately impacting the Caddo Lake if action is not taken to mitigate this threat.

Facility Description:

The Quality Petroleum, Inc.-Hoffman, et al., abandoned oil production facility is located in Caddo Pine Island Oil and Gas Field (Field ID: 2152), approximately 2.8 miles southwest of Vivian, in Section 004, Township 21 North, Range 16 West (Sec. 004, T21N, R16W) of Caddo Parish, Louisiana. The facility is accessed from the northwest by an access road that is off of Monterey School Road.

The facility consists of three above ground storage tanks (AST), one separator (S), one secondary containment area (CONT), and one production well located at one potential spill source (Source 1).

The facility serviced one production well, identified as Hoffman, et al. Well No. 001 (SN 179621). Louisiana Department of Natural Resources (LDNR) records list this well as orphaned.

Source 1 consists of two welded-steel ASTs, identified as AST1 and AST2, a fiberglass AST, identified as AST3, and one welded-steel gun-barrel type separator, identified as S1, located in a rectangular 70-foot by 30-foot breached and eroded, earthen-bermed, secondary containment area identified as CONT1.

Based on gauging, thermal and acoustic differentials, and surface soil, core, and field observations, the following volumes of non-hazardous oilfield waste (NOW) were estimated to be present at Source 1 of the facility. AST1, AST2, and AST3 contain a total of 32.1 bbl of oil and oil emulsion and 68.4 bbl of oily produced water. S1 is estimated to contain an additional 42.4 bbl of oil emulsion based on thermal imaging and acoustic differentials. The contents of these containers were documented as NOW. In addition, CONT 1 has 26.4 cubic yards (yd3) of oil-saturated/heavily oil-stained soil.

Facility Components:

AST 1, AST 2, AST 3, CONT1, S 1

Number of Associated Wells: 1

Oil and Gas Field ID: 2152

Field Name: CADDO PINE ISLAND

Louisiana Abandoned Oil Facility Site Assessment Summary Report

FACILITY ACTIONS

EPA ID: 09-E-1181 **Event:** Site Reconnaissance

Date: 11/15/2006 **Time:**

Agency/Contractor:	Representative(s):
EPA	FOSC Wally Cooper
START-3	Dana Beck

Comments:

The facility was visited on November 15, 2006, and a site reconnaissance was conducted at that time. LDNR Conservation Enforcement Specialist (CES), Gerald Humphery, provided access to conduct on-site activities. During the reconnaissance, the general condition of the facility and containers was evaluated to determine the volume of oil and oil emulsion present, and a preliminary assessment of substantial threat to navigable waters of the United States was documented using revised U.S. Environmental Protection Agency (EPA) Region 6 protocols.

LDNR records indicate that the contents of the surface components consist of NOW in the form of oil, oil emulsion, and/or oily produced water. These fluids meet the definition of "oil" as defined by Section 1001(23) of the Oil Pollution Act, 33 United States Code (U.S.C.) § 2701(23). The surface components were not gauged during the reconnaissance, but their volumes were estimated by acoustic and thermal differential observations.

The condition of all the containers at Source 1 was deemed to be inadequate. Significant corrosion was present on the containers and connected flow lines. Oil and oil-saturated soil around the containers indicated prior discharges to the environment. The tanks were actively discharging their oily contents through seeps from delaminated metal or peeling and degraded fiberglass at their bases. The secondary containment did not appear to be adequate to prevent oil releases from draining to adjacent waterways. The available capacity will need to be determined.

The Federal On-Scene Coordinator (FOSC) has determined that a failure of the storage and process components through corrosion, vandalism, or force majeure has a high potential to release a harmful quantity of oil, within the meaning of Section 311 (b)(3) of U.S.C. § 1321(b)(3), and title 40 of Code of Federal Regulations (CFR) § 110.3(b), into the site drainage and, ultimately, into the Caddo Lake.

The EPA Region 6 FOSC has determined from his reconnaissance that Source 1 of this facility meets the revised Region 6 substantial threat criteria.

Louisiana Abandoned Oil Facility Site Assessment Summary Report

EPA ID: 09-E-1181 **Event:** Site Assessment

Date: 4/5/2008 **Time:** 09:55

Agency/Contractor: **Representative(s):**
USACE Contractor Colin Johnson and Robert Sekerka

Comments:

On April 5, 2008, a Site Assessment (SA) was conducted by the United States Army Corps of Engineers (USACE) and their contractor, on behalf of the EPA, to document the condition of the abandoned facility. Access to conduct on-site activities was coordinated with LDNR CES, Don Owens.

AST1, AST2, and AST3 were gauged and their conditions were documented. Due to the lack of access ports, S1 could not be accessed for gauging, but the volume of its contents was determined by thermal imaging and acoustic differentials and its condition was documented. Container AST1 was actively discharging its oily contents through seeps from corroded and delaminated metal at its base. Container AST3 was also actively discharging its oily contents through seeps from peeling and degraded fiberglass at its base. All containers at Source 1 had heavy corrosion at the lower tank sidewalls and/or on connecting flow lines.

The surface condition of CONT1 was documented. The local elevations were surveyed to determine the capacity of each containment area and the slope to the nearest drainage. Observation soil cores were also used to determine the extent of the oil saturation of the soil below ground surface (BGS).

Oily liquid seeping through delaminated metal at the base of AST1 and AST3 created areas of oil-saturated soil in most of CONT1. Soil cores revealed that oil-saturated soil extended to a maximum depth of 1 foot BGS. A breach eroded in southern earthen berm of CONT1 significantly reduced the containment capacity and allowed it to drain oily water to adjacent waterways. Water with an oily sheen was pooled up to a depth of 0.5 foot in the southern portion of CONT1. Medium pines and vegetation were present in CONT1. Lack of maintenance was evident from the heavily overgrown condition, eroding berms, and the oil-saturated soil in CONT1.

The wellhead for SN 179621 was located at the coordinates reported by LDNR and its condition was documented. The wellhead and the connected flow lines were heavily corroded. An empty 55-gallon drum was located east of the wellhead.

All of the facility components were screened for naturally occurring radioactive material (NORM). AST3 had radiation emissions of 40 micro Roentgens per hour ($\mu\text{R/hr}$) at the base of the tank. No radiation readings significantly exceeded the background level of 5 $\mu\text{R/hr}$.

**Louisiana Abandoned Oil Facility
Summary of Facility Container Contents**

FPN: E06614

Container Name	Tank Size (bbl)	Oil (bbl)	Oil Emulsion (bbl)	Water (bbl)	Other Matrix (bbl)	Total Sum of Liquids (bbl)
AST 1	111.64	1.40	11.16	0.00	0.00	12.56
AST 2	111.64	0.00	11.16	0.00	0.00	11.16
AST 3	209.33	1.40	6.98	68.38	0.00	76.75
S 1	44.66	42.42	0.00	0.00	0.00	42.42
Total	477.27	45.21	29.31	68.38	0.00	142.90

Key: bbl = Barrels

Louisiana Abandoned Oil Facility

FPN: E06614

Summary of Facility Containment, Pit, and Oil Impacted Area Contents

Component Name	Required Capacity (bbl)	Available Capacity (bbl)	Wet Soil (yd3) ⁽⁴⁾		Soil (yd3)	Dry Soil (yd3) ⁽⁴⁾		Free Water (bbl)	Free Oil (bbl)	Total Soil (yd3)
			Light ⁽¹⁾	Medium ⁽²⁾		Heavy ⁽³⁾	Light ⁽¹⁾			
CONT1	483.20	44.02	0.00	0.00	26.44	0.00	0.00	33.58	0.00	26.44

Key: bbl = Barrels yd3 = Cubic yards NA = Not Applicable

Footnote: 1. Estimated Oil and grease (OG) concentrations ranging from 1 percent (%) to 3% by dry weight (dw).

 2. Estimated OG concentrations ranging from 3.1% to 20% dw.

 3. Estimated OG concentrations ranging greater than 20% dw.

 4. Estimated Wet soil has a moisture content greater then or equal to 40% and Dry soil has a moisture content less then 40%. Percent moisture does not factor into soils with an OG concentration greater then 20% dw.

Louisiana Abandoned Oil Facility Site Assessment Summary Report

CONTAINER DESCRIPTION

EPA ID: 09-E-1181

Container Name: AST 1

Assessment Date: 11/15/2006

Component Shape		
<input type="radio"/> Rectangular	<input checked="" type="radio"/> Cylindrical	<input type="radio"/> Horizontal Cylindrical

Current Volumes			
Tank Size:	111.64 bbl.	Oil:	1.40 bbl.
Available Capacity:	99.08 bbl.	Oil Emulsion:	11.16 bbl.
Water:	0.00 bbl.	Other Matrix:	0.00 bbl.
<input type="checkbox"/> Open or Removed Top <input type="checkbox"/> Man Way Opened <input type="checkbox"/> Open, Empty and Gas-Free <input checked="" type="checkbox"/> Significantly Rusted, Cracked or Corroded <input checked="" type="checkbox"/> Active Discharge to Environment <input type="checkbox"/> Evidence of Prior Seepage or Discharge	ContainerType: AST Cylindrical Construction: Single Wall Steel Construction Type: Welded	Were contents gauged? <input checked="" type="radio"/> Yes <input type="radio"/> No Method of estimation if not gauged Containment Location CONT1	
Container Details:		Container is: <input type="radio"/> Adequate <input checked="" type="radio"/> Inadequate	
AST1 had significant rust and corrosion, and had delaminated metal near its base and on connected flow lines. AST1 was actively discharging oily liquid to the environment via a seep through the delaminated metal at the base of the tank.			

Latitude (DMS) ° ' " **North,** **Longitude (DMS)** ° ' " **West**

Location Reference: AST1 is located in the south end of CONT1.

Additional comments:

Louisiana Abandoned Oil Facility Site Assessment Summary Report

CONTAINER DESCRIPTION

Air/NORM Monitoring: **EPA ID:** 09-E-1181 **Container Name:** AST 1

Was Air /NORM monitoring conducted? Yes No

Location: Inside Container Breathing Zone Outside Container

Multiple Gas Air Monitoring Equipment: MultiREA PID+4g

LEL: 0 % **H2S:** 0 PPM **CO:** 0 PPM **O2:** 20.9 %

Location: Inside Container Breathing Zone Outside Container

Equipment Name Ludlum 19R **SN:** 221521 **Parameter:** Radiation **Reading:** 5 uR/hr

Location: Inside Container Breathing Zone Outside Container

Equipment Name MultiREA PID+4g **SN:** R9951 **Parameter:** PID **Reading:** 0 PPM

Louisiana Abandoned Oil Facility Site Assessment Summary Report

CONTAINER DESCRIPTION

EPA ID: 09-E-1181

Container Name: AST 2

Assessment Date: 11/15/2006

Component Shape		
<input type="radio"/> Rectangular	<input checked="" type="radio"/> Cylindrical	<input type="radio"/> Horizontal Cylindrical

Current Volumes			
Tank Size:	111.64 bbl.	Oil:	0.00 bbl.
Available Capacity:	100.48 bbl.	Oil Emulsion:	11.16 bbl.
Water:	0.00 bbl.	Other Matrix:	0.00 bbl.
<input type="checkbox"/> Open or Removed Top <input type="checkbox"/> Man Way Opened <input type="checkbox"/> Open, Empty and Gas-Free <input checked="" type="checkbox"/> Significantly Rusted, Cracked or Corroded <input type="checkbox"/> Active Discharge to Environment <input checked="" type="checkbox"/> Evidence of Prior Seepage or Discharge	ContainerType: AST Cylindrical Construction: Single Wall Steel Construction Type: Welded	Were contents gauged? <input checked="" type="radio"/> Yes <input type="radio"/> No Method of estimation if not gauged Containment Location CONT1	
Container Details:		Container is: <input type="radio"/> Adequate <input checked="" type="radio"/> Inadequate	
AST2 had extensive rust, corrosion, and delaminated metal near its base and on connected flow lines. Oil staining around the tank indicated prior discharge to the environment.			

Latitude (DMS) ° ' " **North,** **Longitude (DMS)** ° ' " **West**

Location Reference: AST2 is located between AST1 and S1 in CONT1.
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Additional comments:

Louisiana Abandoned Oil Facility Site Assessment Summary Report

CONTAINER DESCRIPTION

Air/NORM Monitoring: **EPA ID:** 09-E-1181 **Container Name:** AST 2

Was Air /NORM monitoring conducted? Yes No

Location: Inside Container Breathing Zone Outside Container

Multiple Gas Air Monitoring Equipment: MultiREA PID+4g

LEL: 0 % **H2S:** 0 PPM **CO:** 0 PPM **O2:** 20.9 %

Location: Inside Container Breathing Zone Outside Container

Equipment Name Ludlum 19R **SN:** 221521 **Parameter:** Radiation **Reading:** 5 uR/hr

Location: Inside Container Breathing Zone Outside Container

Equipment Name MultiREA PID+4g **SN:** R9951 **Parameter:** PID **Reading:** 0 PPM

Louisiana Abandoned Oil Facility Site Assessment Summary Report

CONTAINER DESCRIPTION

EPA ID: 09-E-1181

Container Name: AST 3

Assessment Date: 11/15/2006

Component Shape		
<input type="radio"/> Rectangular	<input checked="" type="radio"/> Cylindrical	<input type="radio"/> Horizontal Cylindrical

Current Volumes			
Tank Size:	209.33 bbl.	Oil:	1.40 bbl.
Available Capacity:	132.57 bbl.	Oil Emulsion:	6.98 bbl.
Water:	68.38 bbl.	Other Matrix:	0.00 bbl.
<input type="checkbox"/> Open or Removed Top <input type="checkbox"/> Man Way Opened <input type="checkbox"/> Open, Empty and Gas-Free <input checked="" type="checkbox"/> Significantly Rusted, Cracked or Corroded <input checked="" type="checkbox"/> Active Discharge to Environment <input type="checkbox"/> Evidence of Prior Seepage or Discharge	ContainerType: AST Cylindrical Construction: Fiberglass Construction Type: Resin	Were contents gauged? <input checked="" type="radio"/> Yes <input type="radio"/> No Method of estimation if not gauged Containment Location CONT1	
Container Details:		Container is: <input type="radio"/> Adequate <input checked="" type="radio"/> Inadequate	
AST3 was degraded and peeling, and had delaminated metal on connected flow lines. AST3 was actively discharging oily liquid to the environment via a seep through the peeling fiberglass at the base of the tank.			

Latitude (DMS) ° ' " **North,** **Longitude (DMS)** ° ' " **West**

Location Reference: AST3 is located in the northern end of CONT1.
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Additional comments:

Elevated radiation readings were limited to the valve at the base of the tank and connected flowlines. No readings exceeded the NORM threshold of 50 uR/hr.

Louisiana Abandoned Oil Facility Site Assessment Summary Report

CONTAINER DESCRIPTION

Air/NORM Monitoring: **EPA ID:** 09-E-1181 **Container Name:** AST 3

Was Air /NORM monitoring conducted? Yes No

Location: Inside Container Breathing Zone Outside Container

Multiple Gas Air Monitoring Equipment: MultiREA PID+4g

LEL: 0 % **H2S:** 0 PPM **CO:** 0 PPM **O2:** 20.9 %

Location: Inside Container Breathing Zone Outside Container

Equipment Name Ludlum 19R **SN:** 221521 **Parameter:** Radiation **Reading:** 40 uR/hr

Location: Inside Container Breathing Zone Outside Container

Equipment Name MultiREA PID+4g **SN:** R9951 **Parameter:** PID **Reading:** 0 PPM

Louisiana Abandoned Oil Facility Site Assessment Summary Report

CONTAINER DESCRIPTION

EPA ID: 09-E-1181

Container Name: S 1

Assessment Date: 11/15/2006

Component Shape		
<input type="radio"/> Rectangular	<input checked="" type="radio"/> Cylindrical	<input type="radio"/> Horizontal Cylindrical

Current Volumes			
Tank Size:	44.66 bbl.	Oil:	42.42 bbl.
Available Capacity:	2.23 bbl.	Oil Emulsion:	0.00 bbl.
Water:	0.00 bbl.	Other Matrix:	0.00 bbl.
<input type="checkbox"/> Open or Removed Top <input type="checkbox"/> Man Way Opened <input type="checkbox"/> Open, Empty and Gas-Free <input checked="" type="checkbox"/> Significantly Rusted, Cracked or Corroded <input type="checkbox"/> Active Discharge to Environment <input checked="" type="checkbox"/> Evidence of Prior Seepage or Discharge	ContainerType: Separator Construction: Single Wall Steel Construction Type: Welded	Were contents gauged? <input type="radio"/> Yes <input checked="" type="radio"/> No Method of estimation if not gauged Acoustic and thermal differentials.	
		Containment Location CONT1	
Container Details:		Container is: <input type="radio"/> Adequate <input checked="" type="radio"/> Inadequate	
S1 had extensive rust, corrosion, and delaminated metal near its base and on connected flow lines. Oil staining around the tank indicated prior discharge to the environment.			

Latitude (DMS) ° ' " **North,** **Longitude (DMS)** ° ' " **West**

Location Reference: S1 is located between AST2 and AST3 in CONT1.
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Additional comments:

Louisiana Abandoned Oil Facility Site Assessment Summary Report

CONTAINER DESCRIPTION

Air/NORM Monitoring: **EPA ID:** 09-E-1181 **Container Name:** S 1

Was Air /NORM monitoring conducted? Yes No

Location: Inside Container Breathing Zone Outside Container

Multiple Gas Air Monitoring Equipment: MultiREA PID+4g

LEL: 0 % **H2S:** 0 PPM **CO:** 0 PPM **O2:** 20.9 %

Location: Inside Container Breathing Zone Outside Container

Equipment Name Ludlum 19R **SN:** 221521 **Parameter:** Radiation **Reading:** 5 uR/hr

Location: Inside Container Breathing Zone Outside Container

Equipment Name MultiREA PID+4g **SN:** R9951 **Parameter:** PID **Reading:** 0 PPM

Louisiana Abandoned Oil Facility Site Assessment Summary Report

CONTAINMENT DESCRIPTION

EPA ID: 09-E-1181

Assessment Date: 11/15/2006

Containment Name: CONT1

Containment Orientation: Rectangular

Length:	70 ft.	Width:	30 ft.	Oil	0 ft.	Estimated Category Heavy (> 20% OG)
or Diameter:	0 ft.			Water	0.09 ft.	
				Layer A	0.34 ft.	
Depth to mean surface: ⁽¹⁾	0.208 ft.			Layer B	0 ft.	
				Layer C	0 ft.	

Current Volume Totals:	Wet Soil Totals (yd3):	Dry Soil Totals (yd3):
Free Water: 33.58 bbl	1%-3% OG (Light): 0.00	1%-3% OG (Light): 0.00
Free Oil: 0.00 bbl	3.1%-20% OG (Medium): 0.00	3.1%-20% OG (Medium): 0.00
Precipitation event: ⁽²⁾ 340.30 bbl	Soil > 20% OG (Heavy): 26.44	
Container contents: + 142.90 bbl	Total soil exceeding 1.0% OG: 26.44	
Required capacity: ⁽³⁾ = 483.20 bbl		

Available capacity: 44.02 bbl **Total capacity:** 77.61 bbl **Available capacity is:** sufficient not sufficient

Containers encompassed by secondary AST 1 AST 2 AST 3 S 1	Containment Type: Berm Construction Material: Earthen Construction Type: Excavation	Is containment accessible for gauging? <input checked="" type="radio"/> Yes <input type="radio"/> No If not, detail estimate: Description: Is residual oil present ? <input checked="" type="radio"/> Yes <input type="radio"/> No Oily liquid seeping through delaminated metal at the base of AST1 and AST3 created areas of oil-saturated soil in most of CONT1. Soil cores revealed that oil-saturated soil extended to a maximum depth of 1 foot BGS.
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Are breaches present? Yes No

Details: A breach eroded in southern earthen berm of CONT1 significantly reduced the containment capacity and allowed it to drain oily water to adjacent waterways.

Secondary containment condition is: Adequate Inadequate

Details: The breach in CONT1 significantly reduced containment capacity and allowed drainage to the environment. Lack of maintenance was evident from the heavily overgrown condition, eroding berms, and the oil-saturated soil in CONT1.

Latitude (DMS) 32 ° 50 ' 32.2 " **North,** **Longitude (DMS)** 94 ° 1 ' 45.7 " **West**

Location Reference:

Footnote: 1. The depth from the lowest discharge point of the containment to a mean basin surface that represents the total liquid capacity of the containment.
 2. The precipitation event is a 24-hour/25-year rainfall event, based on NOAA National Climatic Data Center records for North and South Louisiana regions from 1981 to 2006. This is consistent with the sufficient freeboard guidance provided in the preamble language of the 40 CFR Part 112 SPCC Final Rule, as published in the Federal Register Vol. 67, No. 137 July 17, 2002. Further, this standard is consistent with NPFC policy as we understand it.
 3. Per 40 CFR 112, appropriate containment must be capable of containing oil so that any discharge from a primary containment system, such as a tank, will not escape the containment system before cleanup occurs. The Required Capacity is equal to the liquid volume held by the primary containers and sufficient freeboard to contain precipitation.

Louisiana Abandoned Oil Facility Site Assessment Summary Report

CONTAINMENT DESCRIPTION

Container Name: CONT1

EPA ID: 09-E-1181

Additional comments:

Medium-sized pines and vegetation were present in CONT1. Water with an oily sheen was pooled up to a depth of 0.5 foot in the southern portion of CONT1. Salinity tests of the water in CONT1 indicated it was from precipitation. Oily liquid seeping through delaminated metal at the base of AST1 and AST3 created areas of oil-saturated soil in most of CONT1. Soil cores revealed that oil-saturated soil extended to a maximum depth of 1 foot below AST3 and to 0.1 to 0.2 foot in the remainder of CONT1. Depths and dimensions were averaged for volume calculations.

Has sampling been conducted Yes No Refer to Summary of Analytical Results Table(s).

Air/NORM Monitoring

Was Air/NORM monitoring conducted Yes No

Location: Inside Container Breathing Zone Outside Container

Multiple Gas Air Monitoring Equipment: MultiREA PID+4g

LEL: 0 % **H2S:** 0 PPM **CO:** 0 PPM **O2:** 20.9 %

Location: Inside Container Breathing Zone Outside Container

Equipment Name Ludlum 19R **SN:** 221521 **Parameter:** Radiation **Reading:** 5 uR/hr

Location: Inside Container Breathing Zone Outside Container

Equipment Name MultiREA PID+4g **SN:** R9951 **Parameter:** PID **Reading:** 0 PPM

Louisiana Abandoned Oil Facility Site Assessment Summary Report

WELL DESCRIPTION

Well Name: Hoffman, et al. **Well No.:** 001 **EPA ID:** 09-E-1181

Association: Position

Direction: **Proximity (feet):** Not Entered

LDNR Serial No.: 179621 **LDNR Serial Source:** LDNR records

LDNR Well Status: 23 ACT 404 ORPHAN WELL-ENG **LDNR Well Priority:** 4 Low

Projection Name: **Lambert X:** **Lambert Y:**
Latitude: 32 ° 50 ' 32.4 " **North** **Longitude:** 94 ° 1 ' 44.3 " **West**

Inspection Date: 4/5/2008 **Inspection Time:** **Condition:** corroded

Parish: Not Entered

Section: 004 **Township:** 21 N **Range:** 16 W

Terrain: upland **Elevation:** 10 inches above **grade**

Status: not flowing - connected

Is well currently leaking oil? Yes No

Leaking oil comments:

Additional well comments:

A sucker rod is located in the well head and a pumk jack stand is located next to the well. The pump jack is not present.

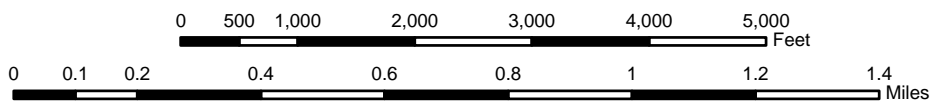
Operator History:

Operator	Operator Code	Acquisition Date	Transfer Date
Quality Petroleum, Inc.	Q008	11/1/1996	
Allen Brothers	0104	6/1/1992	11/1/1996
HUTSON OIL CO.	2928	2/1/1990	6/1/1992
JAMES L BARBER	0392	10/1/1983	2/1/1990
CARUTHERS PRODUCING CO., INC.	1133	11/1/1982	10/1/1983
JOHN D. CARUTHERS, JR.	1146	1/1/1982	11/1/1982

APPENDICIES:

1. Site Location Maps
2. Site Sketch
3. Photographic Documentation
4. Site Assessment Field Data Sheets
5. Logbook Documentation
6. LDNR Information
7. LOSCO Information
8. Records of Communication
9. Interim Deliverables
10. Quality Control Acknowledgement

APPENDIX 1
SITE LOCATION MAPS



SOURCE: U.S.G.S. 7.5 MINUTE QUADRANGLE - TREES, LOUISIANA



SITE LOCATION MAP
 FPN: E06614, EPA ID: 09-E-1181
 QUALITY PETROLEUM, INC. - HOFFMAN, ET AL.
 CADDO PARISH, LOUISIANA

File Name: E06614_sl.mxd

Date: 5/8/2008



E06614 SOURCE 1



0 100 200 400 600 800 1,000 1,200 Feet



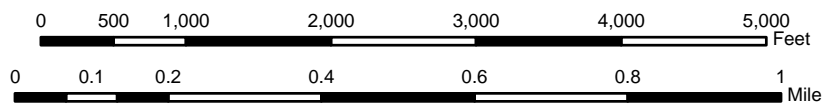
SOURCE: 2004 DOQQ - TREES NE, LOUISIANA



SITE AERIAL
FPN: E06614, EPA ID: 09-E-1181
QUALITY PETROLEUM, INC. - HOFFMAN, ET AL.
CADDO PARISH, LOUISIANA

File Name: E06614_A.mxd

Date: 4/23/2008



SOURCE: U.S.G.S. 7.5 MINUTE QUADRANGLE - LATEX, LOUISIANA



SITE DRAINAGE MAP
 FPN: E06614, EPA ID: 09-E-1181
 QUALITY PETROLEUM, INC. - HOFFMAN, ET AL.
 CADDO PARISH, LOUISIANA

File Name: E06614_d.mxd

Date: 4/23/2008

APPENDIX 2
SITE SKETCH



WOODS

MONTEREY SCHOOL ROAD

GATE

WOODS

SKETCH 2 FOR DETAILS

SN 179621

WETLAND





WETLAND

NHD TRIBUTARY OF CROSS LAKE

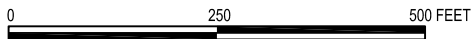
WETLAND EXTENT

WETLAND

LEGEND

-  ROAD
-  TREE LINE
-  WELL
-  DRAINAGE FLOW DIRECTION

SCALE



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Baton Rouge, LA

SITE SKETCH 1 OF 2
QUALITY PETROLEUM, INC. - HOFFMAN, ET AL.
FPN: E06614 - EPA ID: 09-E-1181
CADDO PARISH, LOUISIANA

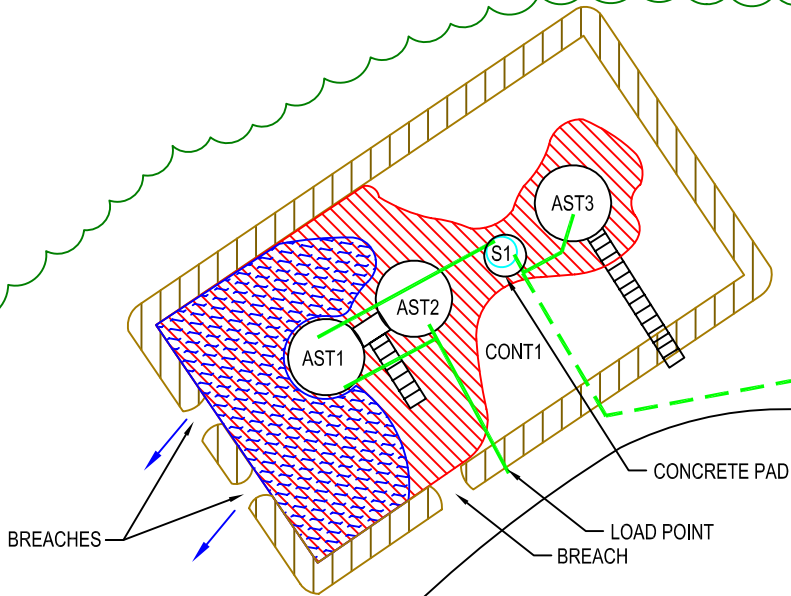
FILE: E06614.dwg

DATE: 05/15/08

PROJECT No.: 002388.TU07.01



WOODS













SN 179621



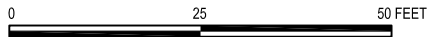
EMPTY DRUM



LEGEND

-  ABOVEGROUND STORAGE TANK
-  PRODUCTION VESSEL
-  WELL
-  TREE LINE
-  DRAINAGE FLOW DIRECTION
-  FLOW LINE
-  BERM
-  STAIRS
-  OIL SATURATED SOIL
-  WATER

SCALE



ecology and environment, inc.

International Specialists in the Environment

Baton Rouge, LA

SITE SKETCH 2 OF 2
QUALITY PETROLEUM, INC. - HOFFMAN, ET AL.

FPN: E06614 - EPA ID: 09-E-1181

CADDO PARISH, LOUISIANA

FILE: E06614.dwg

DATE: 05/15/08

PROJECT No.: 002388.TU07.01

APPENDIX 3

PHOTOGRAPHIC DOCUMENTATION

Louisiana Abandoned Oil Facility Database
Facility Photograph List

EPA ID: 09-E-1181

DATE	TIME	PHOTO #	DIRECTION	COMMENTS	PHOTOGRAPHER/WITNESS
4/1/2008	13:20	0101	NW	E06614: AST1 through AST3 and S1 in CONT1.	Farrar, Will / N/A
4/1/2008	13:21	0102	NW	E06614: Operator sign in front of CONT1.	Farrar, Will / N/A
4/1/2008	13:21	0103	SSE	E06614: Unlocked gate across access road to facility.	Farrar, Will / N/A
4/1/2008	13:34	0104	SW	E06614: Unnamed NHD tributary of Caddo Lake just upstream of facility drainage outfall.	Farrar, Will / N/A
4/5/2008	9:28	0201	NW	E06614: AST1, AST2, AST3, and S1 in CONT1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:33	0202	NW	E06614: Operator Sign in Front of CONT1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:33	0203	W	E06614: Label on AST1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:34	0204	SW	E06614: Oily sheen on pooled water southwest of AST1 in CONT1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:35	0205	SW	E06614: Rust, corrososion and signs of prior oily seepage on AST1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:36	0206	SW	E06614: Pooled water around AST1 Inside CONT1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:37	0207	NW	E06614: Rust, corrosion and oily liquid seeping through the delaminated metal on the man way at the base AST1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:38	0208	W	E06614: Label on AST2.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:38	0209	Down	E06614: Oil saturated soil surrounding valve on AST2.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:39	0210	E	E06614: Rust, corrosion and delaminated metal on AST2.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:40	0211	W	E06614: Rust, corrosion and delaminated metal on S1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:41	0212	W	E06614: Rust, corrosion and delaminated metal at base of S1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:41	0213	E	E06614: Rust, corrosion and delaminated metal at base of S1 and evidence of prior oil release.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:42	0214	Down	E06614: Rust, corrosion and delaminated metal on S1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:43	0215	W	E06614: Label on AST3.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:44	0216	Down	E06614: Oily liquid seeping through the chipped and peeling fiberglass ath the base of AST3.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:48	0217	E	E06614: Pump jack stand for Hoffman, et al. Well No. 001 (SN 179621).	Sekerka, Robert / Johnson, Colin

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EPA ID: 09-E-1181

DATE	TIME	PHOTO #	DIRECTION	COMMENTS	PHOTOGRAPHER/WITNESS
4/5/2008	9:48	0218	NE	E06614: Wellhead for SN 179621.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:49	0219	Down	E06614: Oil saturated soil around wellhead for SN 179621.	Sekerka, Robert / Johnson, Colin
4/5/2008	10:12	0220	Down	E06614: Pooled water around base of AST1.	Sekerka, Robert / Johnson, Colin
4/5/2008	10:13	0221	SW	E06614: Pooled water accumulated in CONT1.	Sekerka, Robert / Johnson, Colin
4/5/2008	10:13	0222	SW	E06614: Oily sheen on water pooled in southwest end of CONT1 (Note breach through CONT1 in background).	Sekerka, Robert / Johnson, Colin
4/5/2008	10:15	0223	W	E06614: Shallow breach on southeast berm of CONT1.	Sekerka, Robert / Johnson, Colin
4/5/2008	10:15	0224	W	E06614: Drainage ditch on north side of facility access road.	Sekerka, Robert / Johnson, Colin
4/5/2008	10:15	0225	SW	E06614: Drainage ditch on north side of facility access road.	Sekerka, Robert / Johnson, Colin
4/5/2008	10:16	0226	S	E06614: Drainage pathway to NHD tributary to Caddo Lake south of access road.	Sekerka, Robert / Johnson, Colin
4/5/2008	10:31	0227	W	E06614: Former equipment location on east side of AST3.	Sekerka, Robert / Johnson, Colin



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0101 **Direction:** NW **Contract No.**
Date: 04/01/2008 **Time:** 1:20:00 PM **Photographer/Witness:** Farrar, Will/N/A
Description: E06614: AST1 through AST3 and S1 in CONT1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0102 **Direction:** NW **Contract No.**
Date: 04/01/2008 **Time:** 1:21:00 PM **Photographer/Witness:** Farrar, Will/N/A
Description: E06614: Operator sign in front of CONT1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0103 **Direction:** SSE **Contract No.**
Date: 04/01/2008 **Time:** 1:21:00 PM **Photographer/Witness:** Farrar, Will/N/A
Description: E06614: Unlocked gate across access road to facility.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0104 **Direction:** SW **Contract No.**
Date: 04/01/2008 **Time:** 1:34:00 PM **Photographer/Witness:** Farrar, Will/N/A
Description: E06614: Unnamed NHD tributary of Caddo Lake just upstream of facility drainage outfall.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0201 **Direction:** NW **Contract No.:**
Date: 04/05/2008 **Time:** 9:28:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: AST1, AST2, AST3, and S1 in CONT1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0203 **Direction:** W **Contract No.:**
Date: 04/05/2008 **Time:** 9:33:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Label on AST1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0202 **Direction:** NW **Contract No.:**
Date: 04/05/2008 **Time:** 9:33:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Operator Sign in Front of CONT1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0204 **Direction:** SW **Contract No.:**
Date: 04/05/2008 **Time:** 9:34:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Oily sheen on pooled water southwest of AST1 in CONT1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0205 **Direction:** SW **Contract No.**
Date: 04/05/2008 **Time:** 9:35:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Rust, corrosion and signs of prior oily seepage on AST1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0206 **Direction:** SW **Contract No.**
Date: 04/05/2008 **Time:** 9:36:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Pooled water around AST1 Inside CONT1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0207 **Direction:** NW **Contract No.**
Date: 04/05/2008 **Time:** 9:37:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Rust, corrosion and oily liquid seeping through the delaminated metal on the man way at the base AST1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0208 **Direction:** W **Contract No.**
Date: 04/05/2008 **Time:** 9:38:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Label on AST2.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0209 **Direction:** Down **Contract No.:**
Date: 04/05/2008 **Time:** 9:38:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Oil saturated soil surrounding valve on AST2.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0210 **Direction:** E **Contract No.:**
Date: 04/05/2008 **Time:** 9:39:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Rust, corrosion and delaminated metal on AST2.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0211 **Direction:** W **Contract No.:**
Date: 04/05/2008 **Time:** 9:40:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Rust, corrosion and delaminated metal on S1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0212 **Direction:** W **Contract No.:**
Date: 04/05/2008 **Time:** 9:41:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Rust, corrosion and delaminated metal at base of S1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0213 **Direction:** E **Contract No.:**
Date: 04/05/2008 **Time:** 9:41:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Rust, corrosion and delaminated metal at base of S1 and evidence of prior oil release.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0214 **Direction:** Down **Contract No.:**
Date: 04/05/2008 **Time:** 9:42:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Rust, corrosion and delaminated metal on S1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0215 **Direction:** W **Contract No.:**
Date: 04/05/2008 **Time:** 9:43:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Label on AST3.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0216 **Direction:** Down **Contract No.:**
Date: 04/05/2008 **Time:** 9:44:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Oily liquid seeping through the chipped and peeling fiberglass at the base of AST3.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0217 **Direction:** E **Contract No.**
Date: 04/05/2008 **Time:** 9:48:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Pump jack stand for Hoffman, et al. Well No. 001 (SN 179621).



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0218 **Direction:** NE **Contract No.**
Date: 04/05/2008 **Time:** 9:48:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Wellhead for SN 179621.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0219 **Direction:** Down **Contract No.**
Date: 04/05/2008 **Time:** 9:49:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Oil saturated soil around wellhead for SN 179621.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0220 **Direction:** Down **Contract No.**
Date: 04/05/2008 **Time:** 10:12:00 A **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Pooled water around base of AST1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0221 **Direction:** SW **Contract No.**
Date: 04/05/2008 **Time:** 10:13:00 A **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Pooled water accumulated in CONT1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0222 **Direction:** SW **Contract No.**
Date: 04/05/2008 **Time:** 10:13:00 A **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Oily sheen on water pooled in southwest end of CONT1 (Note breach through CONT1 in background).



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0223 **Direction:** W **Contract No.**
Date: 04/05/2008 **Time:** 10:15:00 A **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Shallow breach on southeast berm of CONT1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0224 **Direction:** W **Contract No.**
Date: 04/05/2008 **Time:** 10:15:00 A **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Drainage ditch on north side of facility access road.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0225 **Direction:** SW **Contract No.**
Date: 04/05/2008 **Time:** 10:15:00 A **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Drainage ditch on north side of facility access road.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0226 **Direction:** S **Contract No.**
Date: 04/05/2008 **Time:** 10:16:00 A **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Drainage pathway to NHD tributary to Caddo Lake south of access road.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0227 **Direction:** W **Contract No.**
Date: 04/05/2008 **Time:** 10:31:00 A **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Former equipment location on east side of AST3.

APPENDIX 4

SITE ASSESSMENT FIELD DATA SHEETS

**Louisiana Abandoned Oil Facility Assessment
Site Assessment Field Data Sheet**

Survey Date:		Action (Phase I or II)		Members:		TL Reviewed	
11/15/2006		Recon		FOSE WALLY COOPER & STAFFS DANA BECK		[Signature]	
4/5/08		SA		ROBERT SEKERKA & COLIN JOHNSON		[Signature]	
LOSCO ID(s):				Additional Agency ID(s):			
Latitude (DMS)		Longitude (DMS)		GPS		Sec/TR:	
32 ° 50 ' 32.2 "		94 ° 1 ' 45.7 "		<input checked="" type="radio"/> <input type="checkbox"/> <input type="checkbox"/>		4, 21 N, 16 W	
				Diff			
				DOP		1.6	
Facility Name: Quality Petroleum, Inc.-Hoffman, et al.						Jurisdictional Zone: EPA	
Field Name: CADDO PINE ISLAND				Oil and Gas Field ID: 2152			
7.5 Minute Quadrangle: TREES TEX.			LADOTD No.: 026D			USGS No.: 32094G1	
Operator (name, telephone number, and address):			Landowner (name, telephone number, and address):			Mineral Rights Holder (name, telephone number, and address):	
Quality Petroleum, Inc. George Harrison 14902 Preston Rd., Ste. 404-536 Dallas TX 7524 (214) 692-0522							
Access coordination:							
CES GERALD HUMPHRIES / DON OWENS							
Number of anticipated components (Note any not located):							
Containers: 4			Wells: 1				
Containments: 1			Pits: 0				
Other:							

Nearest City (name, direction and distance):

Vivian , 2.8 mi. NE

Directions to Site (by land or water from nearest main road and/or waterway):

From the intersection of Louisiana Highway (LA Hwy) 1 and LA Hwy 2, south of Vivian, in Caddo Parish, Louisiana, travel west on LA Hwy 2 for approximately 2.1 miles to Boyter Lane. Turn right and travel north on Boyter Lane for 2.9 miles to Monterey School Road. Turn left and travel west and southwest for 1.4 miles to the facility access road. Turn left and travel south southeast and east for 0.15 mile to Source 1 of the facility.

Is facility over water?

Yes No

Is water impacted?

Yes No

Distance from facility to known surface water or drainage

770 feet.

0.15 miles

Drainage route to/ from the facility to the Nearest Navigable Waterway:

Drainage from Source 1 flows southeast down gradient (a 35-foot drop over 770 feet) to a National Hydrography Dataset (NHD) defined perennial tributary of Caddo Lake, which is hydrologically connected to and forms a significant surface water nexus with Caddo Lake. Caddo Lake is navigable "in fact" and subject to interstate commerce.

Nearest downstream waterway (Name, direction, and distance):

Caddo Lake , 0.9 mi. S

Nearest Drinking Water Source or Inlet. (name, direction and distance from facility).

Is impacted? Yes No

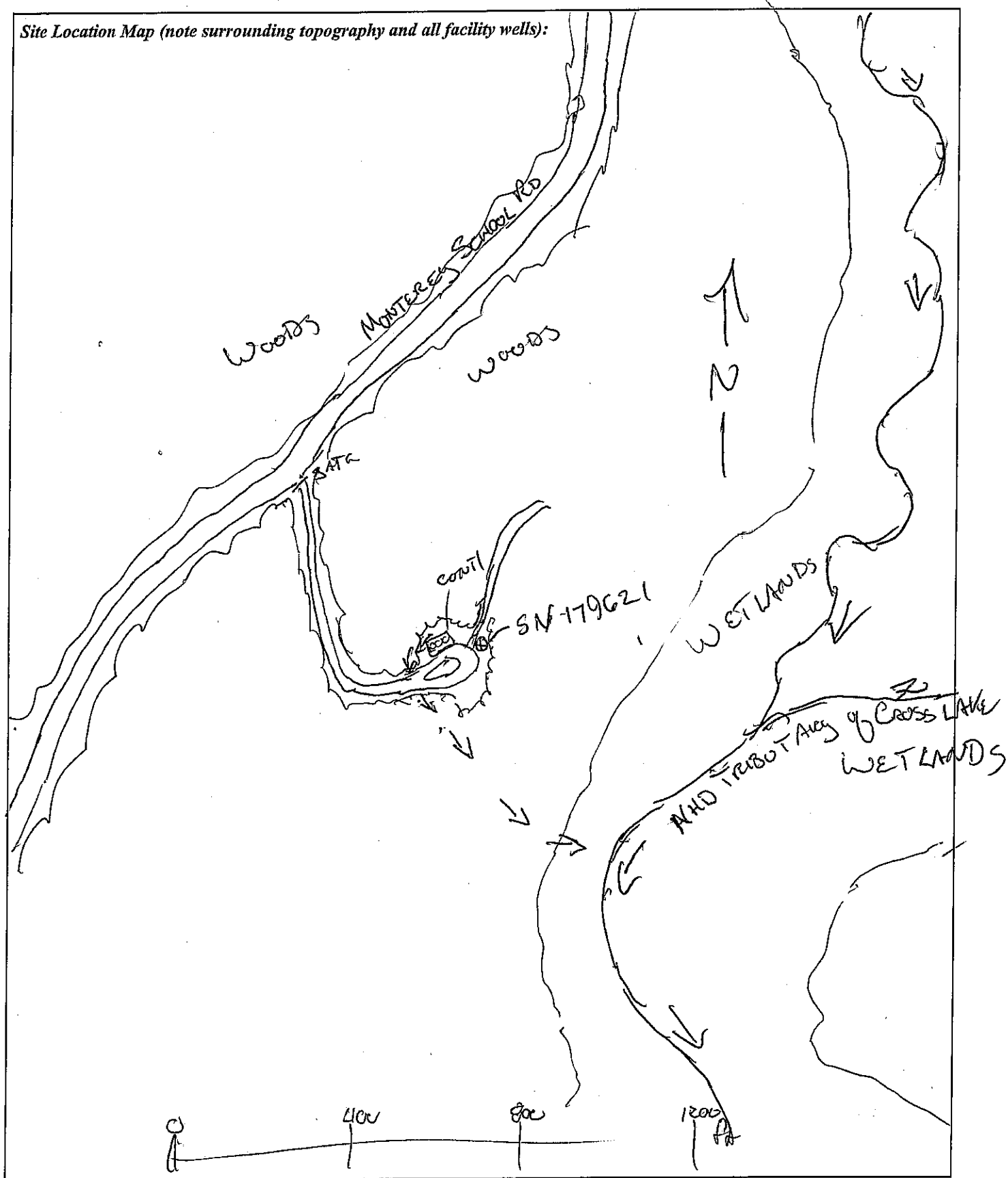
RAW WATER INTAKE , 5.6 mi. S

How many residents located within a 1-mile radius of the site: 2

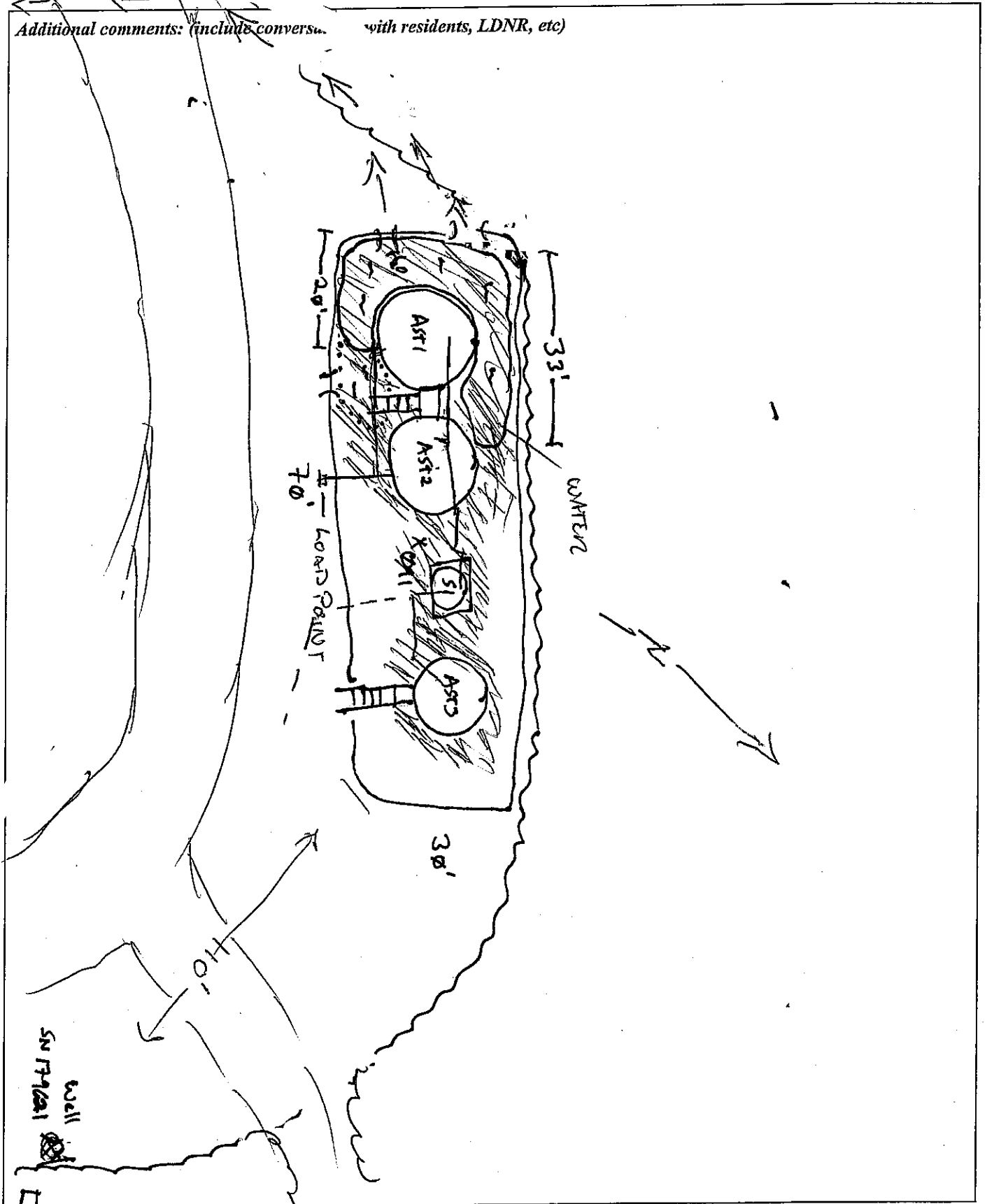
GIS Reviewer(s) (Initial reviewed components) WJ

LOSCO information reviewed: Yes No

Site Location Map (note surrounding topography and all facility wells):



Additional comments: (includes convers... with residents, LDNR, etc)



<i>Photograph log</i>						
<i>Camera/Lens (Serial No., model):</i>						
<i>Date</i>	<i>Time</i>	<i>Roll/ Frame</i>	<i>Dir.</i>	<i>Description</i>	<i>P/W</i>	
4/1/2008	13:20	0101	NW	E06614: AST1 through AST3 and S1 in CONT1.	Farrar, Will N/A	
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4/5/2008	9:38	0208	W	E06614: Label on AST2.	Sekerka, Robert Johnson, Colin	
4/5/2008	9:38	0209	Down	E06614: Oil saturated soil surrounding valve on AST2.	Sekerka, Robert Johnson, Colin	
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<i>Camera/Lens (Serial No., model):</i>					
<i>Date</i>	<i>Time</i>	<i>Roll/ Frame</i>	<i>Dir.</i>	<i>Description</i>	<i>P/W</i>
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4/5/2008	9:44	0216	Down	E06614: Oily liquid seeping through the chipped and peeling fiberglass at the base of AST3.	Sekerka, Robert Johnson, Colin
4/5/2008	9:48	0217	E	E06614: Pump jack stand for Hoffman, et al. Well No. 001 (SN 179621).	Sekerka, Robert Johnson, Colin
4/5/2008	9:48	0218	NE	E06614: Wellhead for SN 179621.	Sekerka, Robert Johnson, Colin
4/5/2008	9:49	0219	Down	E06614: Oil saturated soil around wellhead for SN 179621.	Sekerka, Robert Johnson, Colin
4/5/2008	10:12	0220	Down	E06614: Pooled water around base of AST1.	Sekerka, Robert Johnson, Colin
4/5/2008	10:13	0221	SW	E06614: Pooled water accumulated in CONT1.	Sekerka, Robert Johnson, Colin
4/5/2008	10:13	0222	SW	E06614: Oily sheen on water pooled in southwest end of CONT1 (Note breach through CONT1 in background).	Sekerka, Robert Johnson, Colin
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4/5/2008	10:15	0224	W	E06614: Drainage ditch on north side of facility access road.	Sekerka, Robert Johnson, Colin
4/5/2008	10:15	0225	SW	E06614: Drainage ditch on north side of facility access road.	Sekerka, Robert Johnson, Colin
4/5/2008	10:16	0226	S	E06614: Drainage pathway to NHD tributary to Caddo Lake south of access road.	Sekerka, Robert Johnson, Colin
4/5/2008	10:31	0227	W	E06614: Former equipment location on east side of AST3.	Sekerka, Robert Johnson, Colin

Container Sheet		Container Name AST 1		Containment (if present) CONT1		Check one: <input checked="" type="checkbox"/> Gauged <input type="checkbox"/> Estimated	
						Est. method:	
Latitude: ° ' "		DOP:	Shape*: Cylindrical	Oil (ft): 0.1		Oily Emulsion (ft.): 0.8	
Longitude: ° ' "			Height (ft): 8	Water (ft.): 0		Other Matrix (ft.): 0	
Location reference: AST1 is located in the south end of CONT1.			Diameter or (l x w) (ft): 10	Construction: Single Wall Steel (single wall steel, poly etc.)		Construction Type: Welded (bolted, welded, etc.)	
Condition (check all that apply):				Air Monitoring			
<input type="checkbox"/> Top removed or open		<input checked="" type="checkbox"/> Active discharge to env.		Location: <input type="checkbox"/> Inside Cont. <input checked="" type="checkbox"/> Breathing Zone <input type="checkbox"/> Outside Cont.			
<input type="checkbox"/> Manway open		<input type="checkbox"/> Evidence of prior seepage or staining		Equipment: MultiREA PID+4gas			
				LEL: 0 % H2S: 0 PPM CO 0 PPM O2: 20 % <input type="checkbox"/> Background			
<input type="checkbox"/> Open, empty gas free		<input checked="" type="checkbox"/> Significantly rusted, cracked or corroded		Location: <input type="checkbox"/> Inside Cont. <input type="checkbox"/> Breathing Zone <input checked="" type="checkbox"/> Outside Cont.			
				Equipment: Ludlum 19R Parameter: Radiation			
Container is: <input type="radio"/> Adequate <input checked="" type="radio"/> Inadequate				Readings: 5 uR/hr <input type="checkbox"/> Background			
Condition details: AST1 had significant rust and corrosion, and had delaminated metal near its base and on connected flow lines. AST1 was actively discharging oily liquid to the environment via a seep through the delaminated metal at the base of the tank.				Location: <input type="checkbox"/> Inside Cont. <input checked="" type="checkbox"/> Breathing Zone <input type="checkbox"/> Outside Cont.			
				Equipment: MultiREA PID+4gas Parameter: PID			
				Readings: 0 PPM <input type="checkbox"/> Background			
				Additional comments:			

Container Sheet		Container Name AST 2		Containment (if present) CONT1		Check one: <input checked="" type="checkbox"/> Gauged <input type="checkbox"/> Estimated	
						Est. method:	
Latitude: ° ' "		DOP:	Shape*: Cylindrical	Oil (ft): 0		Oily Emulsion (ft.): 0.8	
Longitude: ° ' "			Height (ft): 8	Water (ft.): 0		Other Matrix (ft.): 0	
Location reference: AST2 is located between AST1 and S1 in CONT1.			Diameter or (l x w) (ft): 10	Construction: Single Wall Steel (single wall steel, poly etc.)		Construction Type: Welded (bolted, welded, etc.)	
Condition (check all that apply):				Air Monitoring			
<input type="checkbox"/> Top removed or open		<input type="checkbox"/> Active discharge to env.		Location: <input type="checkbox"/> Inside Cont. <input checked="" type="checkbox"/> Breathing Zone <input type="checkbox"/> Outside Cont.			
<input type="checkbox"/> Manway open		<input checked="" type="checkbox"/> Evidence of prior seepage or staining		Equipment: MultiREA PID+4gas			
				LEL: 0 % H2S: 0 PPM CO 0 PPM O2: 20 % <input type="checkbox"/> Background			
<input type="checkbox"/> Open, empty gas free		<input checked="" type="checkbox"/> Significantly rusted, cracked or corroded		Location: <input type="checkbox"/> Inside Cont. <input type="checkbox"/> Breathing Zone <input checked="" type="checkbox"/> Outside Cont.			
				Equipment: Ludlum 19R Parameter: Radiation			
Container is: <input type="radio"/> Adequate <input checked="" type="radio"/> Inadequate				Readings: 5 uR/hr <input type="checkbox"/> Background			
Condition details: AST2 had extensive rust, corrosion, and delaminated metal near its base and on connected flow lines. Oil staining around the tank indicated prior discharge to the environment.				Location: <input type="checkbox"/> Inside Cont. <input checked="" type="checkbox"/> Breathing Zone <input type="checkbox"/> Outside Cont.			
				Equipment: MultiREA PID+4gas Parameter: PID			
				Readings: 0 PPM <input type="checkbox"/> Background			
				Additional comments:			

* - Rec -Rectangular, Vert. Cyl. -Vertical Cylinder Hor. Cyl. -Horizontal Cylinder, Sphere, etc

Container Sheet		Container Name AST 3		Containment (if present) CONT1		Check one: <input checked="" type="checkbox"/> Gauged <input type="checkbox"/> Estimated	
						Est. method:	
Latitude: ° ' "		DOP:	Shape*: Cylindrical		Oil (ft): 0.1		Oily Emulsion (ft.): 0.5
Longitude: ° ' "			Height (ft): 15		Water (ft.): 4.9		Other Matrix (ft.): 0
Location reference: AST3 is located in the northern end of CONT1.			Diameter or (l x w) (ft): 10		Construction: Fiberglass (single wall steel, poly etc.)		Construction Type: Resin (bolted, welded, etc.)
Condition (check all that apply):				Air Monitoring			
<input type="checkbox"/> Top removed or open		<input checked="" type="checkbox"/> Active discharge to env.		Location: <input type="checkbox"/> Inside Cont. <input checked="" type="checkbox"/> Breathing Zone <input type="checkbox"/> Outside Cont.			
<input type="checkbox"/> Manway open		<input type="checkbox"/> Evidence of prior seepage or staining		Equipment: MultiREA PID+4gas			
				LEL: 0 % H2S: 0 PPM CO 0 PPM O2: 20 % <input type="checkbox"/> Background			
<input type="checkbox"/> Open, empty gas free		<input checked="" type="checkbox"/> Significantly rusted, cracked or corroded		Location: <input type="checkbox"/> Inside Cont. <input type="checkbox"/> Breathing Zone <input checked="" type="checkbox"/> Outside Cont.			
				Equipment: Ludlum 19R Parameter: Radiation			
Container is: <input type="radio"/> Adequate <input checked="" type="radio"/> Inadequate				Readings: 40 uR/hr <input type="checkbox"/> Background			
Condition details: AST3 was degraded and peeling, and had delaminated metal on connected flow lines. AST3 was actively discharging oily liquid to the environment via a seep through the peeling fiberglass at the base of the tank.				Location: <input type="checkbox"/> Inside Cont. <input checked="" type="checkbox"/> Breathing Zone <input type="checkbox"/> Outside Cont.			
				Equipment: MultiREA PID+4gas Parameter: PID			
				Readings: 0 PPM <input type="checkbox"/> Background			
				Additional comments: Elevated radiation readings were limited to the valve at the base of the tank and connected flowlines. No readings exceeded the NORM threshold of 50 uR/hr.			
Container Sheet		Container Name S 1		Containment (if present) CONT1		Check one: <input type="checkbox"/> Gauged <input checked="" type="checkbox"/> Estimated	
						Est. method: Acoustic and thermal differentials.	
Latitude: ° ' "		DOP:	Shape*: Cylindrical		Oil (ft): 19		Oily Emulsion (ft.): 0
Longitude: ° ' "			Height (ft): 20		Water (ft.): 0		Other Matrix (ft.): 0
Location reference: S1 is located between AST2 and AST3 in CONT1.			Diameter or (l x w) (ft): 4		Construction: Single Wall Steel (single wall steel, poly etc.)		Construction Type: Welded (bolted, welded, etc.)
Condition (check all that apply):				Air Monitoring			
<input type="checkbox"/> Top removed or open		<input type="checkbox"/> Active discharge to env.		Location: <input type="checkbox"/> Inside Cont. <input checked="" type="checkbox"/> Breathing Zone <input type="checkbox"/> Outside Cont.			
<input type="checkbox"/> Manway open		<input checked="" type="checkbox"/> Evidence of prior seepage or staining		Equipment: MultiREA PID+4gas			
				LEL: 0 % H2S: 0 PPM CO 0 PPM O2: 20 % <input type="checkbox"/> Background			
<input type="checkbox"/> Open, empty gas free		<input checked="" type="checkbox"/> Significantly rusted, cracked or corroded		Location: <input type="checkbox"/> Inside Cont. <input type="checkbox"/> Breathing Zone <input checked="" type="checkbox"/> Outside Cont.			
				Equipment: Ludlum 19R Parameter: Radiation			
Container is: <input type="radio"/> Adequate <input checked="" type="radio"/> Inadequate				Readings: 5 uR/hr <input type="checkbox"/> Background			
Condition details: S1 had extensive rust, corrosion, and delaminated metal near its base and on connected flow lines. Oil staining around the tank indicated prior discharge to the environment.				Location: <input type="checkbox"/> Inside Cont. <input checked="" type="checkbox"/> Breathing Zone <input type="checkbox"/> Outside Cont.			
				Equipment: MultiREA PID+4gas Parameter: PID			
				Readings: 0 PPM <input type="checkbox"/> Background			
				Additional comments:			

* - Rec -Rectangular, Vert. Cyl -Vertical Cylinder Hor. Cyl -Horizontal Cylinder, Sphere, etc

Containment Sheet		Containment Name: CONT1		Check one: <input checked="" type="checkbox"/> Gauged <input type="checkbox"/> Estimated					
		Est. method:							
Latitude: 32° 50' 32.2"	DOP:	Length x Width or Diameter (ft.): 70 x 30							
Longitude: 94° 1' 45.7"		Depth to Mean Surface (ft.): 0.208	Foot print depth of containers (ft.): 0						
Location reference:		Berm height above lowest point/breach (ft.): 0.75	Berms/breaches description: A breach eroded in southern earthen berm of CONT1 significantly reduced the containment capacity and allowed it to drain oily water to adjacent waterways.						
		Oil (ft.): 0							
Orientation: Rectangular (Irregular, Rectangular, Circular)		Water (ft.): 0.09							
Type: Berm (berm, U-shaped moat, retaining wall, etc)		Residual oil description: Oily liquid seeping through delaminated metal at the base of AST1 and AST3 created areas of oil-saturated soil in most CONT1. Soil cores revealed that oil-saturated soil extended to a maximum depth of 1 foot BGS.							
Construction Type: Excavation (excavation, concrete, etc.)									
Construction: Earthen (earthen, concrete, wood, etc.)		Condition description (note aquatic life, vegetation, and or wildlife): The breach in CONT1 significantly reduced containment capacity and allowed drainage to the environment. Lack of maintenance was evident from the heavily overgrown condition, eroding berms and the oil-saturated soil in CONT1.							
Containment condition is: <input type="radio"/> Adequate <input checked="" type="radio"/> Inadequate									
Norm/Air Monitoring (note location): <input checked="" type="checkbox"/> Background		Additional comments (specific dimensions, oil sheen, observation cores, etc.): Medium pines and vegetation were present in CONT1. Water with an oily sheen was pooled up to a depth of 0.5 foot in the southern portion of CONT1. Salinity tests of the water in CONT1 indicated it was from precipitation. Oily liquid seeping through delaminated metal at the base of AST1 and AST3 created areas oil-saturated soil in most CONT1. Soil cores revealed that oil-saturated soil extended to a maximum depth of 1 foot below AST3 and to 0.1 to 0.2 foot in the remainder of CONT1. Depths and dimensions were averaged for volume calculations.							
Map of containment (note location of cores, north arrow, & hatch areas of soil contamination):		Core description (include, core name, total depth, recovery, layer depth and description for each core input the actual depth/compaction depth): See Attached Soil Core Log for details <input type="checkbox"/>							
		Units (ft)	A	B	C	D	E	Core description	
		Total Depth	2'	2'	2'				
		Recovery							
		Depth 1	0.2	1.0	0.1	/	/	/	OIL SAT SOIL
		Depth 2	0.2	1.0	1.9	/	/	/	CLEAN SOIL
Depth 3	/	/	/	/	/	/			
Depth 4	/	/	/	/	/	/			
Date	Time	Sample ID	C/G	Sampler	Description	Vol.	Result*		

Note: * L-Light: 1-3% O/G, M-Medium: >3-20% O/G, H-Heavy>20% O/G; N - None=<1% O/G; D-Dry or W -Wet =>40% Moisture.

Well Status Table: Complete for each well			
Well Name and Number: Hoffman, et al.		001	
Serial Number: 179621	Latitude (DMS) 32° 50' 32.4"	Longitude (DMS) 94° 1' 44.3"	DOP:
Well Status*: not flowing - connected	Condition**: corroded	Terrain: upland (upland; lowland; marsh; water; unknown)	
Is Oil Leaking? <input type="radio"/> Yes <input checked="" type="radio"/> No	If Yes, Describe:		
Well Association***: Position	Grade above (above; at; below; unknown)		
NORM/Air monitoring: <input type="checkbox"/> Background	Elevation (inches): 10		
Comments (describe well, pumping unit attached, etc.): A sucker rod is located in the well head and a pump jack stand is located next to the well. The pump jack is not present.			

*Well Status: Disconnected, Capped, Open Casing, Flowing, Not Flowing-Connected, Undetermined, and Not Located.

**Condition: Corroded, Leaking, Seeping, Pool Around, Previous Signs of Leakage, Associated Pipe Leaking, and Associated Pipe Seeping.

***Well Association: Tank battery signs, Verbal- Field Personnel, Proximity, Flow line (Visible), Flow line (Gradeometer), Flow line (Semi-Submerged)

<i>Threat Status Table Justification (Dry Soil < 40% moisture/ Wet Soil => 40% moisture)</i>								
	<i>"Liquid"</i>	<i>Wet Soil</i>		<i>Soil</i>	<i>Dry Soil</i>		<i>Containment</i>	<i>Adequate</i>
<i>Component</i>	<i>Oil / Oil Emulsion (bbl)</i>	<i>Light (1-3% O/G) (yd3)</i>	<i>Medium (>3-20% O/G) (yd3)</i>	<i>Heavy (>20% O/G) (yd3)</i>	<i>Light (1-3% O/G) (yd3)</i>	<i>Medium (>3-20% O/G) (yd3)</i>		
AST 1	12.56						CONT1	NOT
AST 2	11.16							
AST 3	8.37							
S 1	42.42							
CONT1	0.00	0.00	0.00	26.44	0.00	0.00		
Totals	74.52	0.00	0.00	26.44	0.00	0.00		

APPENDIX 5

LOGBOOK DOCUMENTATION



ecology and environment, inc.

International Specialists in the Environment

Job Number

002338-TU 07

E & E Job Number 002338.T007

Telephone Code Number _____

Site Name EPA OPA SA

City/State _____

TDD _____

PAN _____

SSID _____

Start / Finish Date 3/31/08 , 4/11/08

Book _____ of _____

E & E Emergency Response Center: (716) 684-8940

E & E Corporate Center: (716) 684-8060

MEDTOX Hotline: (501) 370-8263

E & E Safety Director (Home): (716) 655-1260

²
3/31/08

0730 E/E PERSONNEL WILL FINNAN, ROBERT SEKERKA & COLIN JOHNSON PICKING UP EQUIPMENT & LOADING TRAILER FOR MOBILIZATION TO CADDO PARISH. WEATHER CLEAR & CALM BUT SEVERE WEATHER EXPECTED IN CADDO PARISH LATEX TODAY

10⁰⁰ - E/E Moving to CADDO PARISH

~~1430~~ ¹⁴³⁰ E/E CONDUCTING WALKTHROUGH of E07656 - CONDITIONS WET AREAS of THE ROAD ARE SOFT. CREEK SOUTH of E07656 IS OVER FLOWING, BANKS - ENROUTE ACCESS ROAD IS PW ROW for last 500 FT OR OLD OW ROAD w/ TREES ACROSS - NO ROAD BASE ENROUTE TO E07644

~~1720~~ ¹⁵³⁰ - GATE TO E07638 - 53 SITES LOCKED & COMBINATION LOCK REMOVED - ^{PHONE} LISTING FOR CONTACT DISCONNECTED ATTEMPTING to FIND ALTERNATE ROUTE

1730 - UNABLE TO FIND WAY AROUND - ROADS TOO POOR TO ACCESS - TRUCK STUCK IN MUD IN ONE LOCATION - RETURNING TO MAIN ROAD

18⁰⁰ - FOUND CONTACT FOR GATE!

GOOD OLD BOYS HUNTING CLUB -

RANDY JORGENSEN - 318-226-0145

MR JORGENSEN GAVE PERMISSION FOR E/E TO CUT CHAIN & INSERT LOCK INTO THEIRS. LOCK LABELED "EPA"
PER MR JORGENSEN'S REQUEST.

18³⁰ - CONDUCTING DRIVE BY E07644 & E07645 - ^{E07646} ^{ROAD}
GATE LOCKED SOUTH 500 FT of E07644 - WINCHESTER
OIL HAS KEY & OPERATES AREA DAILY

WINCHESTER OIL 903-935-2333 - EMERGENCY CONTACT

19¹⁵ - CONDUCTING DRIVE BY of E07643 & E07639
E07637 / E07640.

WJ

04/01/08

0700 - E/E PERSONNEL W/ WILF FARRAR, ROBERT SENEKAL
 & COLIN JOHNSON CONDUCTING BSM. See BSM Form
 For DETAILS WEATHER OVERCAST - 70'S Clear

0800 - E/E @ E07644 - AIR - 20.9 O₂ - Oppm VOC -
 Oppm H₂S, OLEL, Oppm CO - LUD.

1145 - Moved to SOURCE 2 of E07644

1230 - Began raining

1430 - Arrive at E07643

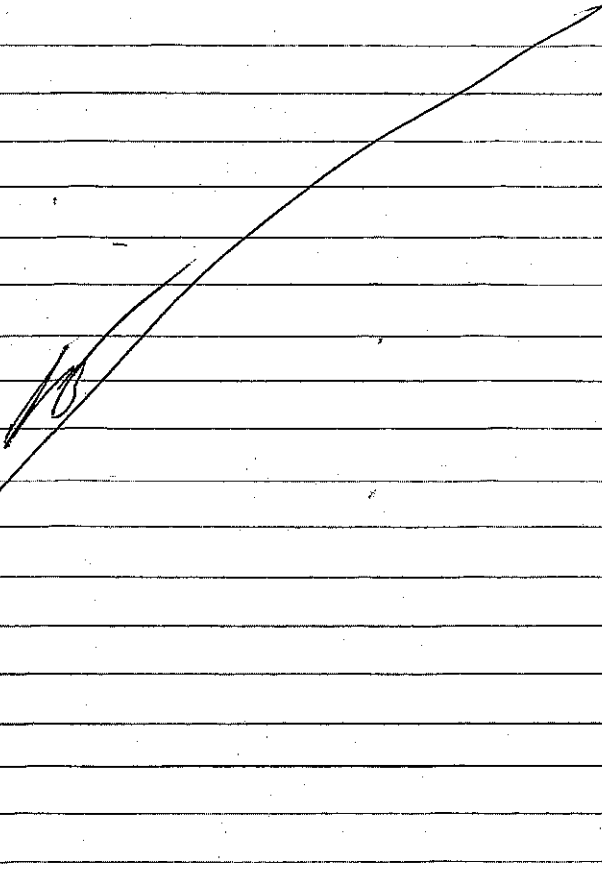
1600 NO PROBLEMS ENCOUNTERED

1730 Complete E07643

1830 - Arrive at hotel & complete paperwork for the day

CS

4/2/08

- 0700 - H+S meeting at hotel, Will Finner, Colin Johnson,
Robert Seteka
- 0840 - Arrive on site E07656
- 1230 - Looked for wells associated w/ E07656
- 1315 - Left E07656
- 1345 - Arrive back at E07643 to assess drainage
more thoroughly, & mark some buckets.
- 1500 - Look for wells in summary area while we
wait to meet up with Will
- 1530 - Will, Colin, & Robert drive around to other sites
& discuss strategy.
- 1615 - Begin Assessment of E07639
- 1730 - Finish assessment, head back to hotel
- 1900 - Complete paperwork back at hotel
- 

4/3/08

0700 HHS meeting at hotel, Will Farn, Colin Johnson,
Robert Seberka

0820 - Arrive on site at E07638, begin assessment

1050 - Finished SA on E07638, heading back to other sites for
additional pictures

1305 - Finished taking pictures + lunch arrive at E07645

1710 - Finished SA of E07645 + headed to hotel

4/4/88

0700 - H+S meeting, Will Farrer, Colin Salmon, Robert Settle

0715 - we decided to do paperwork in lieu of the
nasty storm system that is in the area

1115 - Robert & I head to E07656 to take some
additional photos & determine height of liquid
if any present in HTI - location

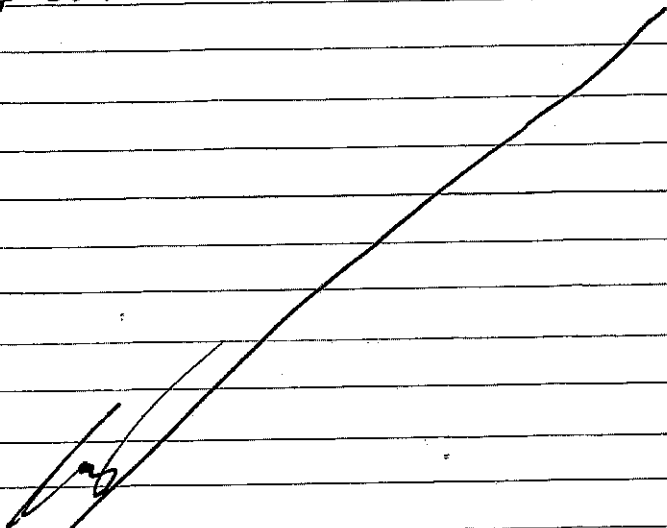
1230 - Arrive at E07656

1300 - Finish assessment of E07656

1335 - Arrive at E07653, heavy rain, wait in
truck

1425 - Rain breaks/slowly, begin SA of site

1645 - Finished up E07653



4/5/08

0700 - H+S meeting at hotel, Will Farrar, Colin Johnson, & Robert Seterka

0840 - Arrive at E06614 for SA

1040 - Finish SA @ E06614

1120 - Arrive at E07656 for further recon

1200 - lunch

1315 - Arrive at E07645 to label tanks & take additional pictures

SI ~ 1' DE, FLIR 011.jpg

1415 - Arrive at E07646 for SA

1645 - Finish assessment at E07646

4/16/08

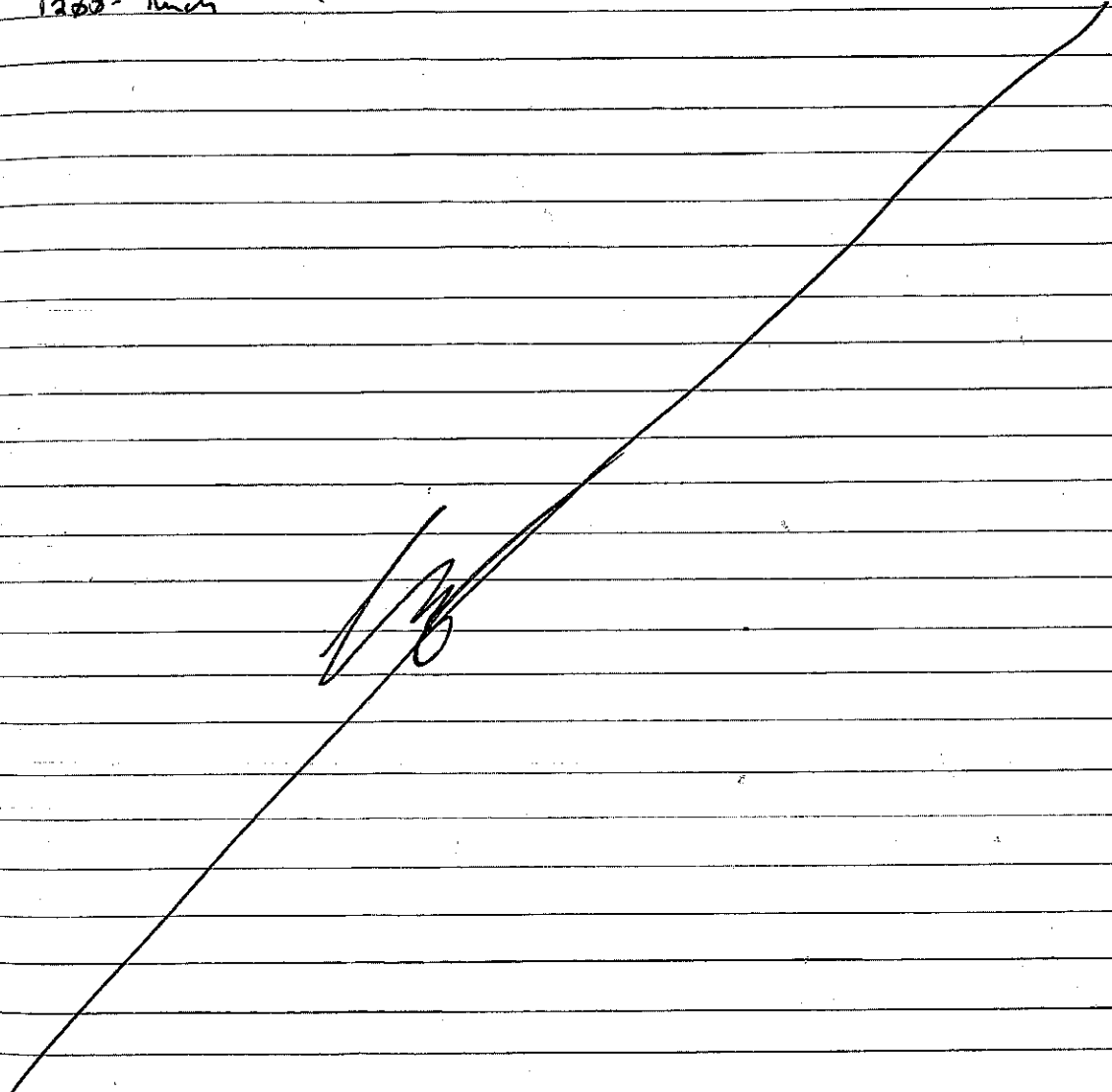
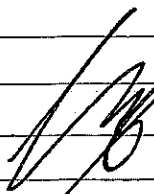
0700- H+S meeting at hotel, Will Furr, Colin Johnson,
Robert Sekerka

0900- Arrive at E07650 + begin SA

1100- Finish up E07650, head by to E07639

1140- Arrive at E07639, attempted to range SI. No hatch on top
took FLIR (pic 0814), don't think it shows much
more than paint line

1200- lunch



4/7/08

0700 - H+S meeting, Will Fura, Col. Johnson,
Robert Seto Ka

0830 - Prep trails + find good spot to be
done well recon, pretty close to E07044

1805 - Recomed 24 wells + returned to hotel

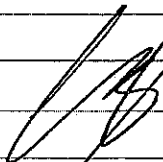
4/8/08

0700 - H&S meeting, Will Fara, Bill Johnson, Robert Clarke

0845 - Arrive on site & begin recon of wells

1745 - Finish well recon, 18 wells located, 9 cottonmouths spotted today, very active snake day.

1815 - Arrive at hotel



4/9/68

0700 - H+S meeting at hotel, Colin Johnson + Kober + Saterke

0830 - Begin well recon

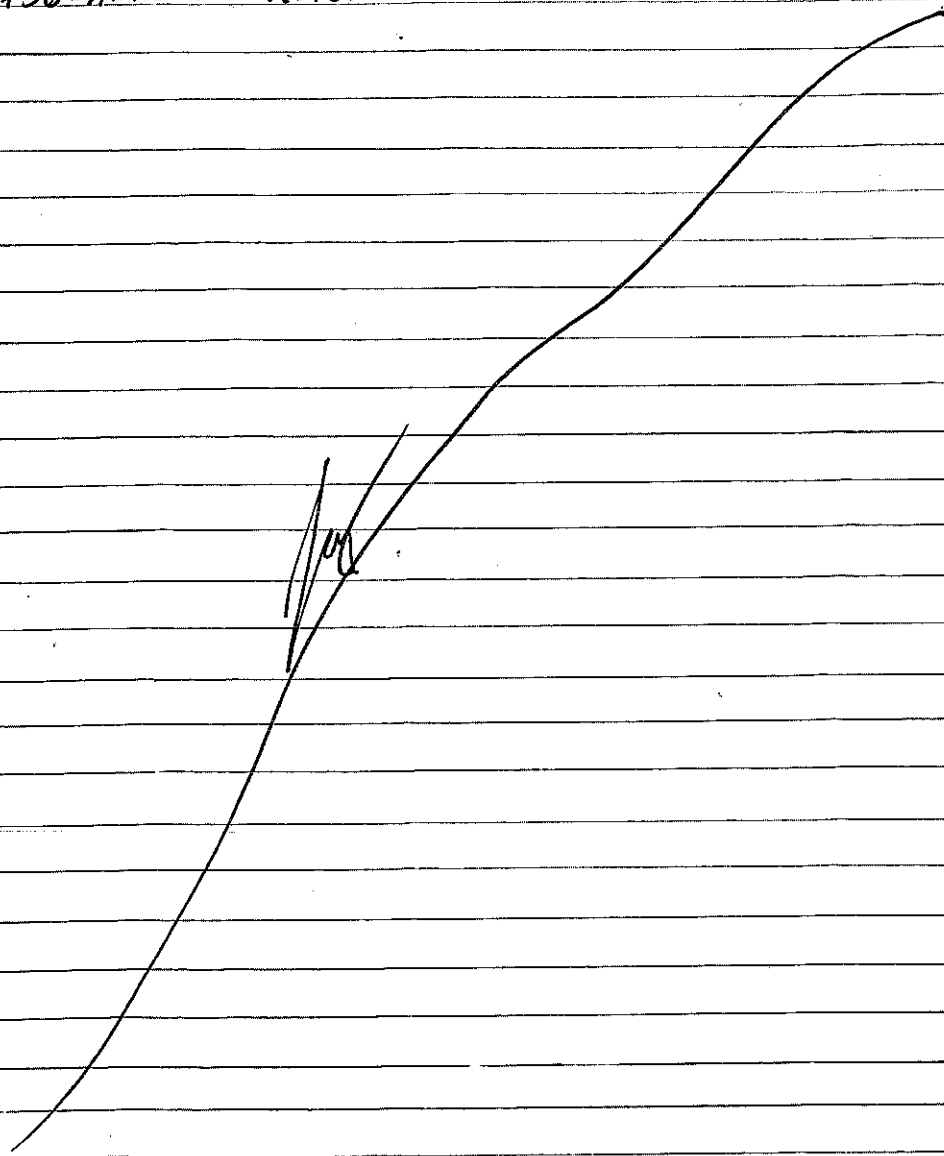
1220 - lunch

1300 - Back to well recon

1650 - started raining, finish well recon for the day

20 wells recon'd.

1730 - Arrive at hotel.



4/10/08

0730 - Safety meeting + demob, Colin Johnson + Robert Setaka

1230 - Arrive in BR

1300 - Arrive at sample site - Will Farrar, Colin Johnson, Robert Setaka

TJ Wiley

1315 - Begin Sampling

AST1 - open base, sludge sampling done in bottom of tank

AST3 - ~~14.2-14.9~~ - oil, ~~14.9-23~~ - water, 23-24 OE

14.2-14.9 14.9-23

24 x 22 - AST1-3

1900 - Daylight has expired + we were unable to draw samples out of AST 2

1940 - Arrive back at office + reschedule next day of work for 0700

4/11/08

0700 - Meet at BR office, Will Furr, Colin Solman,
Robert Selker, & Amy Senke

0800 - Arrive on site + perform site supply

AST-2 - 20.2 - 20.9 - 001

20.9 - 24 - water

1330 - Finish field sampling job + headed back
to office

1500 - Completed paperwork for project

APPENDIX 6

LDNR INFORMATION

Organization Name

Org ID	Name
Q008	QUALITY PETROLEUM, INC.

Address Information

Oper Type	Addr1	Addr2	Add Type	City, State Zip	ATTN Name	Contact Name	Phone Num	Phone Type
01	14902 PRESTON ROAD	SUITE 404-536	01	DALLAS, TX 75240-2211		NO CONTACT GIVEN		
01	14902 PRESTON ROAD	SUITE 404-536	05	DALLAS, TX 75240-0000		GEORGE HARRISON	(214)692-0522	OFFICE
							(214)692-5697	FAX-OFFICE
01	14902 PRESTON RD., STE.404-536		06	DALLAS, TX 75240-0000		G. W. HARRISON	(214)692-0522	OFFICE

Organization Officers

Officer Name	Title	Address1	Address2	City, State Zip	Effective Date
ELEANOR SWEESY	PRESIDENT	14902 PRESTON RD.	SUITE 404-536	DALLAS, TX 75231-0000	01/01/1999

Organization Red Flags

Effective Date	End Date	Warning Status	Warning Description
06/28/2000		E	I & E COMPLIANCE VIOLATION

01/19/2001		F	FINE-CIVIL PENALTY HAS BEEN ISSUED
09/16/1999		S	FORM R-4 SUSPENDED FOR PRODUCTION AUDIT DISCREPANCIES
02/03/2000		S	FORM R-4 SUSPENDED FOR PRODUCTION AUDIT DISCREPANCIES
12/08/1998	05/27/1999	S	FORM R-4 SUSPENDED FOR PRODUCTION AUDIT DISCREPANCIES
03/20/2001		X	NO RESPONSIBLE PARTY/CORRESPONDENCE UNANSWERED

Organization Name

Org ID	Name
0104	ALLEN BROTHERS

Address Information

Oper Type	Addr1	Addr2	Add Type	City, State Zip	ATTN Name	Contact Name	Phone Num	Phone Type
01	P.O. BOX 248		01	OIL CITY, LA 71061-0000		W. C. ALLEN III	(318)995-6621	OFFICE
							(318)995-6566	FAX-OFFICE
01	P.O. BOX 248		03	OIL CITY, LA 71061-0000		W. C. ALLEN III	(318)995-6621	OFFICE
							(318)995-6566	FAX-OFFICE
01	P.O. BOX 248		05	OIL CITY, LA 71061-0000		W. C. ALLEN III	(318)995-6621	OFFICE
							(318)995-6566	FAX-OFFICE
01	P.O. BOX 248		06	OIL CITY, LA 71061-0000		W. C. ALLEN III	(318)995-6621	OFFICE
01	P. O. BOX 248		09	OIL CITY, LA 71061-0000		W. C. ALLEN III	(318)995-6621	OFFICE
01	P.O. BOX 248		11	OIL CITY, LA 71061-0000		W. C. ALLEN III	(318)995-6621	OFFICE
							(318)995-6566	FAX-OFFICE

Organization Officers

Officer Name	Title
W. C. ALLEN III	PARTNER
ALTON E. ALLEN	PARTNER

Organization Red Flags

Effective Date	End Date	Warning Status	Warning Description
08/19/1999	09/10/1999	E	I & E COMPLIANCE VIOLATION

Organization Name

Org ID	Name
2928	HUTSON OIL CO.

Address Information

Oper Type	Addr1	Addr2	Add Type	City, State Zip	ATTN Name	Contact Name	Phone Num	Phone Type
01	P.O. BOX 1137		01	OIL CITY, LA 71061-0000		SUSAN JAMES	(903)672-3181	OFFICE
							(903)672-3181	FAX-OFFICE
01	P.O. BOX 1137		03	OIL CITY, LA 71061-0000		SUSAN JAMES	(903)672-3181	OFFICE
							(903)672-3181	FAX-OFFICE
01	P.O. BOX 1137		05	OIL CITY, LA 71061-0000		SUSAN JAMES	(000)000-0000	OFFICE
							(903)672-3181	OFFICE
							(000)000-0000	FAX-OFFICE
							(903)672-3181	FAX-OFFICE
01	P.O. BOX 1137		06	OIL CITY, LA 71061-0000		SUSAN JAMES	(903)672-3181	OFFICE
							(903)672-3181	FAX-OFFICE
01	P.O. BOX 364		09	OIL CITY, LA 71061-0000		MILLARD LAW	(318)995-6908	OFFICE
01	P.O. BOX 1137		11	OIL CITY, LA 71061-0000		SUSAN JAMES	(903)672-3181	OFFICE
							(903)672-3181	FAX-OFFICE

Organization Officers

Officer Name	Title
JUSTIN JAMES	OWNER

Organization Red Flags

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Effective Date	End Date	Warning Status	Warning Description
01/23/2003	02/03/2003	S	FORM R-4 SUSPENDED FOR PRODUCTION AUDIT DISCREPANCIES

Organization Name

Org ID	Name
0392	JAMES L BARBER

Address Information

Oper Type	Addr1	Addr2	Add Type	City, State Zip	ATTN Name	Contact Name	Phone Num	Phone Type
01	P. O. BOX 827		01	OIL CITY, LA 71061-0000		NO CONTACT GIVEN		
01	P.O.BOX 1068	FAX 817/625- 7231	03	FORTH WORTH, TX 76114-0000		SADIE BARBER	(817)625- 7230	OFFICE
01	P. O. BOX 827		05	OIL CITY, LA 71061-0000		SADIE BARBER	(318)995- 7963	OFFICE
01	P.O. BOX 827		06	OIL CITY, LA 71061-0000		NO CONTACT GIVEN	(318)995- 7963	OFFICE
01	P. O. BOX 827		09	OIL CITY, LA 71061-0000		NONE SPECIFIED	(318)995- 7963	OFFICE

Organization Officers

Officer Name	Title
JAMES L. BARBER	OWNER

Organization Red Flags

No Data Found

Organization Name

Org ID	Name
1133	CARUTHERS PRODUCING CO., INC.

Address Information

Oper Type	Addr1	Addr2	Add Type	City, State Zip	ATTN Name	Contact Name	Phone Num	Phone Type
01	1510 BECK BUILDING	400 TRAVIS STREET	01	SHREVEPORT, LA 71101-3182		ART WALKER	(318)222-0285 301	OFFICE
							(318)221-6089	FAX-OFFICE
01	1510 BECK BUILDING	400 TRAVIS STREET	03	SHREVEPORT, LA 71101-3182		ART WALKER	(318)222-0285 301	OFFICE
01	1510 BECK BUILDING	400 TRAVIS STREET	05	SHREVEPORT, LA 71101-0000		ART WALKER	(318)222-0285 301	OFFICE
							(318)221-6089	FAX-OFFICE
01	1510 BECK BUILDING	400 TRAVIS STREET	06	SHREVEPORT, LA 71101-3182		ART WALKER	(318)222-0285 301	OFFICE
01	400 TRAVIS STREET SUITE 1510		09	SHREVEPORT, LA 71101-0000	ART WALKER	ART WALKER	(318)222-0285	OFFICE
01	1510 BECK BUILDING	400 TRAVIS STREET	11	SHREVEPORT, LA 71101-3182		ART WALKER	(318)222-0285 301	OFFICE
							(318)221-6089	FAX-OFFICE

Organization Officers

Officer Name	Title
ART WALKER	CHAIRMAN

WITT CARUTHERS	PRESIDENT
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Organization Red Flags

Effective Date	End Date	Warning Status	Warning Description
02/06/2007	02/22/2007	F	FINE-CIVIL PENALTY HAS BEEN ISSUED
05/31/2007	06/15/2007	F	FINE-CIVIL PENALTY HAS BEEN ISSUED
05/31/2007	06/18/2007	F	FINE-CIVIL PENALTY HAS BEEN ISSUED
10/03/2007	10/12/2007	F	FINE-CIVIL PENALTY HAS BEEN ISSUED
06/05/2007	06/21/2007	F	FINE-CIVIL PENALTY HAS BEEN ISSUED
11/02/2001	12/10/2001	F	FINE-CIVIL PENALTY HAS BEEN ISSUED
07/11/2006	08/02/2006	F	FINE-CIVIL PENALTY HAS BEEN ISSUED
05/21/2002	08/08/2002	F	FINE-CIVIL PENALTY HAS BEEN ISSUED
06/05/2000	06/14/2000	S	FORM R-4 SUSPENDED FOR PRODUCTION AUDIT DISCREPANCIES

Organization Name

Org ID	Name
1146	JOHN D. CARUTHERS, JR.

Address Information

Oper Type	Addr1	Addr2	Add Type	City, State Zip	ATTN Name	Contact Name	Phone Num	Phone Type
01	NO ADDRESS ON RECORD.		01	N/A, ZZZZZ 00000-0000		NO CONTACT GIVEN		
01	NO ADDRESS ON RECORD.		03	N/A, ZZZZZ 00000-0000		NO CONTACT GIVEN		
01	1510 BECK BUILDING	400 TRAVIS STREET	05	SHREVEPORT, LA 71101-0000		NO CONTACT GIVEN		
01	1510 BECK BUILDING	400 TRAVIS STREET	09	SHREVEPORT, LA 71101-0000		NONE SPECIFIED		

Organization Officers

No Data Found

Organization Red Flags

No Data Found

Wells By Field By Organization

ALL WELL STATUS CODES

Field Id	Field Name	Organization Id	Organization Name
2152	CADDO PINE ISLAND	Q008	QUALITY PETROLEUM, INC.

Cnt	Well Serial	Luw Code	Psh Code	Well Name	Well Num	Sec	Twns	Rng	Meridian	Well Status	Class	Class Type
1	179621	040286	09	HOFFMAN ET AL	001	004	21N	16W	W	23		
2	204286	042848	09	ELLERBE ESTATE	003	005	21N	16W	W	23		
3	219667		09	ELLERBE	001	005	21N	16W	W	23		
4	221242		09	HOFFMAN ET AL	002	004	21N	16W	W	03		
5	223206		09	DOUGLAS	001	009	21N	14W	W	03		
6	223207		09	DOUGLAS	002	009	21N	14W	W	03		
7	971241		09	HOFFMAN ET AL SWD	001	004	21N	16W	W	30	II	5
8	972834		09	HOFFMAN SWD	002	004	21N	16W	W	03	II	5

Well Information

Review Well Information

WELLS

SERIAL	WELL NAME	WELL NUM	ORG ID	FIELD	PARISH	PROD TYPE	SEC	TWN	RGE	EFFECTIVE DATE	API NUM
179621	HOFFMAN ET AL	001	Q008	2152	09	10	004	21N	16W	03/20/2001	17017246760000

PRMT DATE	SPUD DATE	STAT DATE	ST CD
01/22/1982	01/27/1982	03/20/2001	23

WELL SURFACE COORDINATES

Surface Longitude	Surface Latitude	Lambert X	Lambert Y	Zone	Datum
--	--	1530409	794650	N	NAD-27

WELL SURFACE COORDINATES GENERATED BY DNR

UTMX 83	UTMY 83	LONGITUDE 83	LATITUDE 83
403700.167221103	3634264.69998757	-94.0290220660304	32.8422202234825

BOTTOM HOLE COORD

EFFECTIVE DATE	END DATE	PLUGBACK TOTAL DEPTH	TRUE VERTICAL DEPTH	MEASURED DEPTH	LAT DEG	LAT MIN	LAT SEC	LONG DEG	LONG MIN	LONG SEC	COORDINATE SOURCE	LAMBE X
01/01/1982	04/01/1982		0	0							03	0

WELL HISTORY

SERIAL	WELL NAME	WELL NUM	ORG ID	FIELD	ST CD	PT	WELL CLASS	EFF DATE	END DATE	STAT DATE
179621	HOFFMAN ET AL	001	Q008	2152	23	10		03/20/2001		03/20/2001
179621	HOFFMAN ET AL	001	Q008	2152	10	10		01/01/1998	03/19/2001	01/22/1982
179621	HOFFMAN ET AL	001	Q008	2152	10	10		07/01/1997	01/01/1998	01/22/1982
179621	HOFFMAN ET AL	001	Q008	2152	10	10		01/01/1997	07/01/1997	01/22/1982

179621	HOFFMAN ET AL	001	Q008	2152	10	10	11/01/1996	01/01/1997	01/22/1982
179621	HOFFMAN ET AL	001	0104	2152	10	10	01/01/1996	11/01/1996	01/22/1982
179621	HOFFMAN ET AL	001	0104	2152	10	10	01/01/1995	01/01/1996	01/22/1982
179621	HOFFMAN ET AL	001	0104	2152	10	10	01/01/1994	01/01/1995	01/22/1982
179621	HOFFMAN ET AL	001	0104	2152	10	10	01/01/1993	01/01/1994	01/22/1982
179621	HOFFMAN ET AL	001	0104	2152	10	10	07/01/1992	01/01/1993	01/22/1982
179621	HOFFMAN ET AL	001	0104	2152	10	10	06/01/1992	07/01/1992	01/22/1982
179621	HOFFMAN ET AL	001	2928	2152	10	10	01/01/1992	06/01/1992	01/22/1982
179621	HOFFMAN ET AL	001	2928	2152	10	10	01/01/1991	01/01/1992	01/22/1982
179621	HOFFMAN ET AL	001	2928	2152	10	10	02/01/1990	01/01/1991	01/22/1982
179621	HOFFMAN ET AL	001	0392	2152	10	10	01/01/1990	02/01/1990	01/22/1982
179621	HOFFMAN ET AL	001	0392	2152	10	10	01/01/1989	01/01/1990	01/22/1982
179621	HOFFMAN ET AL	001	0392	2152	10	10	08/01/1986	01/01/1989	01/22/1982
179621	HOFFMAN ET AL	001	0392	2152	10	10	01/01/1985	08/01/1986	01/22/1982
179621	HOFFMAN ET AL	001	0392	2152	10	10	11/01/1983	01/01/1985	01/22/1982
179621	HOFFMAN ET AL	001	0392	2152	10	10	10/01/1983	10/01/1983	01/22/1982
179621	HOFFMAN ET AL	001	0392	2152	10	10	10/01/1983	11/01/1983	01/22/1982
179621	HOFFMAN ET AL	001	1133	2152	10	10	04/01/1983	10/01/1983	01/22/1982
179621	HOFFMAN ET AL	001	1133	2152	10	10	01/01/1983	04/01/1983	01/22/1982
179621	HOFFMAN ET AL	001	1133	2152	10	10	12/01/1982	01/01/1983	01/22/1982
179621	HOFFMAN ET AL	001	1133	2152	10	10	11/01/1982	12/01/1982	01/22/1982
179621	HOFFMAN ET AL	001	1146	2152	10	10	04/01/1982	11/01/1982	01/22/1982
179621	HOFFMAN ET AL	001	1146	2152	01	00	01/01/1982	04/01/1982	01/22/1982

SCOUT INFO

REPORT DATE	WELL STATUS	MEASURED DEPTH	TRUE VERT DEPTH	DETAIL
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PERFORATIONS

SERIAL NUM	COMPLETION DATE	UPPER PERF	LOWER PERF	SANDS	RESERVOIR
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WELL TESTS

RPT TYP	TEST DATE	RPT DATE	OIL POT	COND	GAS DEL	WATER	BSW%	FLOW PRES	SHUTIN PRES	CHOKE	UPPER PERF	LOWER PERF	BOT HOLE PRES
SDM2O	10/26/1983	10/01/1983	8	0	0	90	92	0			2369	2372	

WELL ALLOWABLES

EFFECTIVE DATE	END DATE	LWU CODE	LWU TYPE CODE	ALLOWABLE	ESTIMATED POTENTIAL	CURRENT ALLOWABLE TYPE
04/01/1983	04/30/1983	040286	1	0	0	1

WELL PRODUCTION

RPT DATE	LWU CODE	STORAGE FAC	DOC USE	WELL CNT	OPENING STK	OIL PROD	GAS PROD	DISPOSITION	CLOSING STK	PARISH
03/01/2001	040286			1	168	-168	0	0	0	CADDO
02/01/2001	040286			1	168	0	0	0	168	CADDO
01/01/2001	040286			0	168	0	0	0	168	CADDO
12/01/2000	040286			1	168	0	0	0	168	CADDO
11/01/2000	040286			1	168	0	0	0	168	CADDO
10/01/2000	040286			1	168	0	0	0	168	CADDO
09/01/2000	040286			1	168	0	0	0	168	CADDO
08/01/2000	040286			1	168	0	0	0	168	CADDO
07/01/2000	040286			1	168	0	0	0	168	CADDO
06/01/2000	040286			1	168	0	0	0	168	CADDO
05/01/2000	040286			1	168	0	0	0	168	CADDO
04/01/2000	040286			1	168	0	0	0	168	CADDO
03/01/2000	040286			1	168	0	0	0	168	CADDO
02/01/2000	040286			1	168	0	0	0	168	CADDO
01/01/2000	040286			1	168	0	0	0	168	CADDO
12/01/1999	040286			1	168	0	0	0	168	CADDO
11/01/1999	040286			1	168	0	0	0	168	CADDO
10/01/1999	040286			1	168	0	0	0	168	CADDO

09/01/1999	040286	0	168	0	0	0	168	CADDO
08/01/1999	040286	1	168	0	0	0	168	CADDO
07/01/1999	040286	1	175	-7	0	0	168	CADDO
06/01/1999	040286	1	164	11	0	0	175	CADDO
05/01/1999	040286	1	154	10	0	0	164	CADDO
04/01/1999	040286	1	144	10	0	0	154	CADDO
03/01/1999	040286	1	138	6	0	0	144	CADDO
02/01/1999	040286	1	120	18	0	0	138	CADDO
01/01/1999	040286	1	110	10	0	0	120	CADDO
12/01/1998	040286	1	100	10	0	0	110	CADDO
11/01/1998	040286	1	95	5	0	0	100	CADDO
10/01/1998	040286	1	92	3	0	0	95	CADDO
09/01/1998	040286	0	92	0	0	0	92	CADDO
08/01/1998	040286	1	90	2	0	0	92	CADDO
07/01/1998	040286	1	158	6	0	74	90	CADDO
06/01/1998	040286	1	153	5	0	0	158	CADDO
05/01/1998	040286	1	151	2	0	0	153	CADDO
04/01/1998	040286	1	106	45	0	0	151	CADDO
03/01/1998	040286	1	76	30	0	0	106	CADDO
02/01/1998	040286	1	46	30	0	0	76	CADDO
01/01/1998	040286	1	157	30	0	141	46	CADDO
12/01/1997	040286	1	37	120	0	0	157	CADDO
11/01/1997	040286	1	33	120	0	116	37	CADDO
10/01/1997	040286	1	134	90	0	191	33	CADDO
09/01/1997	040286	1	59	75	0	0	134	CADDO
08/01/1997	040286	1	75	128	0	144	59	CADDO
07/01/1997	040286	1	129	20	0	74	75	CADDO

06/01/1997	040286	1	99	30	0	0	129	CADDO
05/01/1997	040286	1	181	20	0	102	99	CADDO
04/01/1997	040286	1	81	100	0	0	181	CADDO
03/01/1997	040286	1	154	120	0	193	81	CADDO
02/01/1997	040286	1	16	138	0	0	154	CADDO
01/01/1997	040286	1	39	130	0	153	16	CADDO
12/01/1996	040286	1	30	160	0	151	39	CADDO
11/01/1996	040286	0	30	0	0	0	30	CADDO
10/01/1996	040286	1	46	111	0	127	30	CADDO
09/01/1996	040286	1	84	111	0	149	46	CADDO
08/01/1996	040286	1	65	101	0	82	84	CADDO
07/01/1996	040286	1	46	99	0	80	65	CADDO
06/01/1996	040286	1	34	93	0	81	46	CADDO
05/01/1996	040286	1	84	109	0	159	34	CADDO
04/01/1996	040286	1	59	106	0	81	84	CADDO
03/01/1996	040286	1	42	96	0	79	59	CADDO
02/01/1996	040286	1	34	84	0	76	42	CADDO
01/01/1996	040286	1	37	133	0	136	34	CADDO
12/01/1995	040286	1	36	122	0	121	37	CADDO
11/01/1995	040286	1	46	116	0	126	36	CADDO
10/01/1995	040286	1	66	120	0	140	46	CADDO
09/01/1995	040286	1	96	119	0	149	66	CADDO
08/01/1995	040286	1	111	121	0	136	96	CADDO
07/01/1995	040286	1	152	76	0	117	111	CADDO
06/01/1995	040286	0	152	0	0	0	152	CADDO
05/01/1995	040286	1	29	255	0	132	152	CADDO
04/01/1995	040286	1	71	102	0	144	29	CADDO

03/01/1995	040286	1	87	126	0	142	71	CADDO
02/01/1995	040286	1	111	126	0	150	87	CADDO
01/01/1995	040286	1	29	245	0	163	111	CADDO
12/01/1994	040286	0	29	0	0	0	29	CADDO
11/01/1994	040286	1	75	108	0	154	29	CADDO
10/01/1994	040286	1	119	115	0	159	75	CADDO
09/01/1994	040286	1	38	239	0	158	119	CADDO
08/01/1994	040286	0	38	0	0	0	38	CADDO
07/01/1994	040286	1	60	119	0	141	38	CADDO
06/01/1994	040286	1	124	93	0	157	60	CADDO
05/01/1994	040286	1	129	153	0	158	124	CADDO
04/01/1994	040286	1	29	260	0	160	129	CADDO
03/01/1994	040286	0	29	0	0	0	29	CADDO
02/01/1994	040286	1	75	109	0	155	29	CADDO
01/01/1994	040286	1	92	136	0	153	75	CADDO
12/01/1993	040286	1	111	138	0	157	92	CADDO
11/01/1993	040286	1	137	131	0	157	111	CADDO
10/01/1993	040286	4	182	106	0	151	137	CADDO
09/01/1993	040286	0	182	0	0	0	182	CADDO
08/01/1993	040286	1	48	288	0	154	182	CADDO
07/01/1993	040286	1	61	141	0	154	48	CADDO
06/01/1993	040286	1	72	140	0	151	61	CADDO
05/01/1993	040286	1	79	136	0	143	72	CADDO
04/01/1993	040286	1	92	137	0	150	79	CADDO
03/01/1993	040286	1	90	148	0	146	92	CADDO
02/01/1993	040286	1	113	136	0	159	90	CADDO
01/01/1993	040286	1	106	156	0	149	113	CADDO

12/01/1992	040286	1	107	155	0	156	106	CADDO
11/01/1992	040286	1	114	142	0	149	107	CADDO
10/01/1992	040286	1	81	177	0	144	114	CADDO
09/01/1992	040286	1	54	177	0	150	81	CADDO
08/01/1992	040286	1	20	188	0	154	54	CADDO
07/01/1992	040286	1	25	144	0	149	20	CADDO
06/01/1992	040286	0	30	-5	0	0	25	CADDO
05/01/1992	040286	1	30	100	0	100	30	CADDO
04/01/1992	040286	1	30	135	0	135	30	CADDO
03/01/1992	040286	1	30	93	0	93	30	CADDO
02/01/1992	040286	1	30	125	0	125	30	CADDO
01/01/1992	040286	1	30	113	0	113	30	CADDO
12/01/1991	040286	1	30	80	0	80	30	CADDO
11/01/1991	040286	1	30	120	0	120	30	CADDO
10/01/1991	040286	1	30	121	0	121	30	CADDO
09/01/1991	040286	1	30	121	0	121	30	CADDO
08/01/1991	040286	1	24	122	0	116	30	CADDO
07/01/1991	040286	1	24	155	0	155	24	CADDO
06/01/1991	040286	1	24	80	0	80	24	CADDO
05/01/1991	040286	1	24	127	0	127	24	CADDO
04/01/1991	040286	1	24	127	0	127	24	CADDO
03/01/1991	040286	1	24	117	0	117	24	CADDO
02/01/1991	040286	1	24	122	0	122	24	CADDO
01/01/1991	040286	1	24	160	0	160	24	CADDO
12/01/1990	040286	1	24	79	0	79	24	CADDO
11/01/1990	040286	1	50	108	0	134	24	CADDO
10/01/1990	040286	1	50	128	0	128	50	CADDO

09/01/1990	040286	1	50	120	0	120	50	CADD0
08/01/1990	040286	1	50	128	0	128	50	CADD0
07/01/1990	040286	1	40	150	0	140	50	CADD0
06/01/1990	040286	1	30	91	0	81	40	CADD0
05/01/1990	040286	1	30	128	0	128	30	CADD0
04/01/1990	040286	1	30	136	0	136	30	CADD0
03/01/1990	040286	1	30	103	0	103	30	CADD0
02/01/1990	040286	1	42	67	0	79	30	CADD0
01/01/1990	040286	1	40	2	0	0	42	CADD0
12/01/1989	040286	1	27	13	0	0	40	CADD0
11/01/1989	040286	1	155	39	0	167	27	CADD0
10/01/1989	040286	1	75	80	0	0	155	CADD0
09/01/1989	040286	1	128	110	0	163	75	CADD0
08/01/1989	040286	1	166	121	0	159	128	CADD0
07/01/1989	040286	1	46	120	0	0	166	CADD0
06/01/1989	040286	1	105	104	0	163	46	CADD0
05/01/1989	040286	1	162	97	0	154	105	CADD0
04/01/1989	040286	1	69	93	0	0	162	CADD0
03/01/1989	040286	1	108	119	0	158	69	CADD0
02/01/1989	040286	1	160	106	0	158	108	CADD0
01/01/1989	040286	1	55	105	0	0	160	CADD0
12/01/1988	040286	1	96	118	0	159	55	CADD0
11/01/1988	040286	1	140	121	0	165	96	CADD0
10/01/1988	040286	1	28	112	0	0	140	CADD0
09/01/1988	040286	1	70	126	0	168	28	CADD0
08/01/1988	040286	1	102	121	0	153	70	CADD0
07/01/1988	040286	1	144	121	0	163	102	CADD0

06/01/1988	040286	1	28	116	0	0	144	CADDO
05/01/1988	040286	1	54	139	0	165	28	CADDO
04/01/1988	040286	1	72	134	0	152	54	CADDO
03/01/1988	040286	1	133	91	0	152	72	CADDO
02/01/1988	040286	1	58	75	0	0	133	CADDO
01/01/1988	040286	1	120	100	0	162	58	CADDO
12/01/1987	040286	1	30	90	0	0	120	CADDO
11/01/1987	040286	1	101	89	0	160	30	CADDO
10/01/1987	040286	1	142	114	0	155	101	CADDO
09/01/1987	040286	1	42	100	0	0	142	CADDO
08/01/1987	040286	1	106	99	0	163	42	CADDO
07/01/1987	040286	1	25	81	0	0	106	CADDO
06/01/1987	040286	1	79	107	0	161	25	CADDO
05/01/1987	040286	1	136	96	0	153	79	CADDO
04/01/1987	040286	1	29	107	0	0	136	CADDO
03/01/1987	040286	1	80	88	0	139	29	CADDO
02/01/1987	040286	1	106	137	0	163	80	CADDO
01/01/1987	040286	1	152	119	0	165	106	CADDO
12/01/1986	040286	1	40	112	0	0	152	CADDO
11/01/1986	040286	1	71	124	0	155	40	CADDO
10/01/1986	040286	1	90	141	0	160	71	CADDO
09/01/1986	040286	1	125	130	0	165	90	CADDO
08/01/1986	040286	1	150	132	0	157	125	CADDO
07/01/1986	040286	1	161	147	0	158	150	CADDO
06/01/1986	040286	1	26	135	0	0	161	CADDO
05/01/1986	040286	1	38	146	0	158	26	CADDO
04/01/1986	040286	1	34	157	0	153	38	CADDO

03/01/1986	040286	1	42	133	0	141	34	CADDO
02/01/1986	040286	1	111	88	0	157	42	CADDO
01/01/1986	040286	1	113	156	0	158	111	CADDO
12/01/1985	040286	1	113	158	0	158	113	CADDO
11/01/1985	040286	1	124	147	0	158	113	CADDO
10/01/1985	040286	1	113	166	0	155	124	CADDO
09/01/1985	040286	1	120	151	0	158	113	CADDO
08/01/1985	040286	1	150	125	0	155	120	CADDO
07/01/1985	040286	1	108	193	0	151	150	CADDO
06/01/1985	040286	1	168	253	0	313	108	CADDO
05/01/1985	040286	1	114	209	0	155	168	CADDO
04/01/1985	040286	1	39	235	0	160	114	CADDO
03/01/1985	040286	1	90	274	0	325	39	CADDO
02/01/1985	040286	1	35	216	0	161	90	CADDO
01/01/1985	040286	1	155	122	0	242	35	CADDO
12/01/1984	040286	1	135	182	0	162	155	CADDO
11/01/1984	040286	1	165	309	0	339	135	CADDO
10/01/1984	040286	1	75	252	0	162	165	CADDO
09/01/1984	040286	1	142	260	0	327	75	CADDO
08/01/1984	040286	1	136	321	0	315	142	CADDO
07/01/1984	040286	1	26	275	0	165	136	CADDO
06/01/1984	040286	1	50	309	0	333	26	CADDO
05/01/1984	040286	1	68	309	0	327	50	CADDO
04/01/1984	040286	1	94	304	0	330	68	CADDO
03/01/1984	040286	1	122	303	0	331	94	CADDO
02/01/1984	040286	1	84	206	0	168	122	CADDO
01/01/1984	040286	1	112	304	0	332	84	CADDO

12/01/1983	040286	1	63	221	0	172	112	CADDO
11/01/1983	040286	1	126	255	0	318	63	CADDO
10/01/1983	040286	1	70	226	0	170	126	CADDO
09/01/1983	040286	0	70	0	0	0	70	CADDO
08/01/1983	040286	0	70	0	0	0	70	CADDO
07/01/1983	040286	0	70	0	0	0	70	CADDO
06/01/1983	040286	0	70	0	0	0	70	CADDO
05/01/1983	040286	0	70	0	0	0	70	CADDO
04/01/1983	040286	0	70	0	0	0	70	CADDO
03/01/1983	040286	0	70	0	0	0	70	CADDO
02/01/1983	040286	0	70	0	0	0	70	CADDO
01/01/1983	040286	0	70	0	0	0	70	CADDO
12/01/1982	040286	0	70	0	0	0	70	CADDO
11/01/1982	040286	0	70	0	0	0	70	CADDO
10/01/1982	040286	1	30	40	0	0	70	CADDO
09/01/1982	040286	0	30	0	0	0	30	CADDO
08/01/1982	040286	0	30	0	0	0	30	CADDO
07/01/1982	040286	0	30	0	0	0	30	CADDO
06/01/1982	040286	0	30	0	0	0	30	CADDO
05/01/1982	040286	0	30	0	0	0	30	CADDO
04/01/1982	040286	1	0	30	0	0	30	CADDO

CASING

COMPLETION DATE	CASING SIZE	WELLBORE SIZE	CASING WEIGHT	UPPER SET DEPTH	LOWER SET DEPTH	CEMENT SACKS	TEST PRESSURE	HOURS UNDER PRESSURE	TEST DATE	CASING PULLED	C F
04/09/1982	0412	0778	9.5	0	2520	150	1000	.5	02/11/1983		C T
04/09/1982	0858	1214	23	0	505	280	1000	.5	01/28/1982		C T

PLUG AND ABANDON

P and A DATE	LOCATION TYPE	CASING CUT TYPE	CASING CUT DEPTH	MUD WEIGHT LEFT	COMMENTS
---------------------	----------------------	------------------------	-------------------------	------------------------	-----------------

PLUGS

PLUG TYPE	UPPER PLUG DEPTH	LOWER PLUG DEPTH	SACKS OF CEMENT	SLURRY WEIGHT
------------------	-------------------------	-------------------------	------------------------	----------------------

TUBING AND PACKERS

COMPLETION DATE	TUBING SIZE	TUBING LOWER DEPTH	TUBING UPPER DEPTH	PACKER DEPTH
04/09/1982	02&03/08	2293	0	

Orphan Inspections

Well Serial	<input type="text" value="179621"/>	Well Name	<input type="text" value="HOFFMAN ET AL"/>		Well Num	<input type="text" value="001"/>				
Field ID	<input type="text" value="2152"/>	<input type="text" value="CADDO PINE ISLAND"/>	<input type="text" value="1"/>	<input type="text" value="ONSHORE"/>	<input type="text" value="SHREVEPORT"/>	<input type="text" value="6"/>				
Section	<input type="text" value="004"/>	Township	<input type="text" value="21N"/>	Range	<input type="text" value="16W"/>	Meridian	<input type="text" value="W"/>	Parish	<input type="text" value="09"/>	<input type="text" value="CADDO"/>
Lambert Y	<input type="text" value="794,650"/>	Lambert X	<input type="text" value="1,530,409"/>	Zone	<input type="text" value="N"/>	Upper Perf	<input type="text"/>	Lower Perf	<input type="text"/>	
Organization ID	<input type="text" value="Q008"/>	<input type="text" value="QUALITY PETROLEUM, INC."/>								
Status	<input type="text" value="23 ACT 404 ORPHAN WELL-ENG"/>	<input type="text" value="03/20/2001"/>	Plugged	<input type="text"/>	<input type="text"/>					
Current	<input type="text" value="23 ACT 404 ORPHAN WE..."/>	<input type="text" value="03/20/2001"/>	by	<input type="text"/>						
Status Inspection	<input type="text" value="12/05/2002"/>	Site Type	<input type="text" value="06 PIT, WELL, AND FACILITY"/>		Priority	<input type="text" value="LOW"/>	Score	<input type="text" value="1"/>		
Date	<input type="text"/>	Bid Mailed	<input type="text"/>		Date	<input type="text"/>	Site	<input type="text" value="L"/>		
<input type="checkbox"/> Not Located	<input type="checkbox"/> Not Accessible	<input type="checkbox"/> Multiple Completions	<input type="checkbox"/> NORM Contamination	NORM	<input type="text"/>	Survey Date	<input type="text"/>			
Comments	<input type="text" value="MIN POLLUT"/>									

Orphaned Well Labels

Maintain Well Data

Wells Associated via Wellbore

Well Serial Num	Well Name	Well Num	Well Status	Status Date	Status
<input type="text" value="179621"/>	<input type="text" value="HOFFMAN ET AL"/>	<input type="text" value="001"/>	<input type="text" value="23"/>	<input type="text" value="03/20/2001"/>	<input type="text" value="ACT 404 ORPHAN WELL-ENG"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Associated Production Pits

Pit ID	Pit Status	Status
<input type="text" value="81P372"/>	<input type="text" value="99"/>	<input type="text" value="OPEN-ORPHAN-DISCOVERY"/>
<input type="text" value="09P125"/>	<input type="text" value="26"/>	<input type="text" value="FIELD CLOSURE"/>

Associated Reserve Pits Occurrences

Well Serial Num	Occur Seq Num	Occurrence Date	Status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

PRIORITY SCORE

Data Entry

WELL SERIAL	INSPECT DATE	SITE TYPE CODE	PRIORITY	SCORE	MULTI COMPL	COMMENTS
179621	12-5-02	06	<input type="checkbox"/> (1) Urgent. <input type="checkbox"/> (2) High <input type="checkbox"/> (3) Moderate <input checked="" type="checkbox"/> (4) Low	1		Min. Pollut

OR IN -- NA -- Not Accessible
 NL - Not Located

SITE TYPE CODES -

- 01 - Facility
- 02 - Plug and Abandon Well
- 03 - Pit and Facility
- 05 - Pit and Well
- 06 - Pit, Well and Facility
- 07 - Well and Facility
- 10 - Pit, Facility, Trash and Debris
- 11 - Pit, Trash and Debris
- 12 - Pit
- 13 - Trash and Debris

mt 09P125

Entered by: MD

Date: 3-13-03

Orphaned Well Plugging Prioritizing System

05-22-0

No.	Factors	Well SN	Score	Well Sc
1a	Leaking well - natural gas - within 100 m of a public building or residence		32	
1b	Leaking well - natural gas		14	
1c	Leaking well - water or oil > 1 bbl/day		30	
1d	Leaking well - water or oil < 1 bbl/day		10	
2a	Hazard to navigation - well submerged or at surface		28	
2b	Hazard to navigation - well in navigable waterway (boat hazard)		20	
2c	Well in any other body of water		12	
3	H2S possible or present		2	
4a	Well not leaking but under pressure		8	
4b	Well not leaking, pressure status unknown		6	
5	Well not leaking, pressure > 500 psi		2	
6	No wellhead or wellhead damaged		4	
7	No production casing/open hole		2	
8a	Production site/pit contaminated substantially		3	
8b	Production site/pit contaminated minimally		1	1
9a	Within 100 m of public water supply (aquifer, well, or surface water)		8	
9b	Within 100 m of public building/facility used by public on a recurring basis, or a residence		7	
9c	Within 100 m of surface water or wetland		7	
9d	Within 100 m of habitat containing rare, threatened, or endangered species (plants and animals)		4	
9e	Within 400 m of residential or urban development		3	
9f	Within 400 m of surface water or wetland		2	
9g	On land actively managed for crops or forage (pasture)		1	

Score: _____

Priority: _____

Priority Table	
Priority	Score
Priority 1 - Urgent	> 30
Priority 2 - High	>19
Priority 3 - Moderate	>10
Priority 4 - Low	10 & under

Instructions:

1. Assign the appropriate factors to a site.
2. For factors with more than one option in a category, e.g. 4a & 4b, assign only one option.
3. Total all the assigned factor scores for the site.
4. Use the total score and the priority table to set the site priority.

Note: m = meters

By: DS Date: 3/12/03

PIT ID # 81 P 372

UIC-15

PREPARED BY
BATON ROUGE OFFICE

STATUS	DATE	REVIEW BY
99	3/12/02	SPM
—	1/1	—
—	1/1	—
—	1/1	—

ORPHAN PIT PRESCRIBED NOTIFICATION

OPERATOR: Quality Petroleum, Inc 9008

FIELD: C.P.I 2152

SEC. 4, TWP. 21N, RGE. 16W PARISH Caddo 09

WELL NAME & NUMBER OF THE NEAREST WELL TO PIT:
Hoffman Et AP # 1 SERIAL NO. 179621

DIMENSIONS: LENGTH 75 FT., WIDTH 50 FT., AVE DEPTH 6 FT.

TYPE OF PIT: reserch

COMMENTS:

PRODUCTION PIT INSPECTION REPORT

DNR/Office of Conservation

Serial Number 179621	Date 12-05-02	Operator Quality Petroleum, Inc. (Q008)
Lease Name Hoffman Et, A1 #1		Address
Location Sec 04: T 21N: R 16W		OFFICE OF CONSERVATION SHREVEPORT, LA
Parish Caddo	Phone () ()	DEC 18 2002 RECEIVED
Field Caddo Pine Island (21S2)	Contact	

A. **INSPECTION REASON** Orphan Inspection
 Periodic Reinspection Complaint # _____

B. **PIT CLASSIFICATION**
 Produced Water Well Test Washout
 Emergency Compressor Station
 Burn Natural Gas Processing Plant
 Other: Old Reserve Pit

C. **SITE MAKEUP**
 Upland Wetland
 Well-drained Elevated
 Incline > 5% Submerged

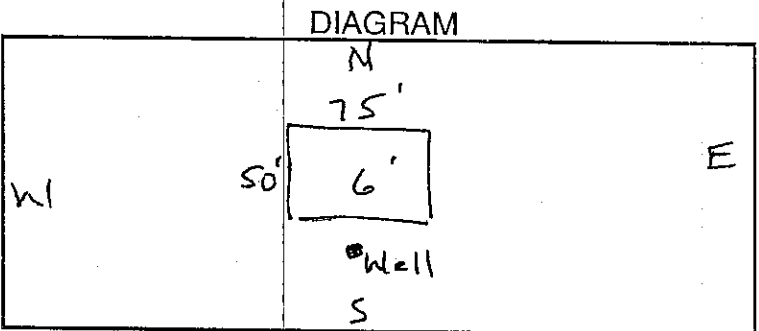
D. **STATUS**
 Active Inactive
 New Construction Closed

E. **DIMENSIONS**
 Length 75 ft. x Width 50 ft.
 Average Depth 6 ft.

F. **MANUFACTURED LINER**
 YES NO

G. **OPERATIONAL STANDARDS**
 1. INTEGRITY OF PIT LEVEES
 OK Deficiency (see remarks)
 2. DISCHARGE OF N.O.W.*
 None Authorized (permit no. _____)
 Deficiency (see remarks)
 present past both
 overflow siphon/pumped
 breach in levee bleeder
 seepage (___ lateral or ___ subsurface)
 3. FREEBOARD _____ inches
 4. FIRE HAZARD
 None Deficiency (see remarks)

H. **QUINTAB READING(S)** - (Discharge Only)
 Sample 1 _____ Sample 3 _____
 Sample 2 _____ Sample 4 _____
 _____ Photos Attached
 _____ See Attached Narrative Report
 * Nonhazardous Oilfield Waste (N.O.W.)



REMARKS
Reserve Pit remains open
Pit contains vegetation & water
Pit is not in compliance w/ SWD 29-B
RECEIVED
DEC 18 2002
 OFFICE OF CONSERVATION
 SHREVEPORT, LA

Pit ID # <u>81 P 372</u>	Inactive Status Notification <input type="checkbox"/> N/A <input type="checkbox"/> Yes <input type="checkbox"/> Deficiency
Verify Form UIC-15 <input type="checkbox"/> Compliant <input type="checkbox"/> Deficiency	Special Operational Provisions <input type="checkbox"/> N/A <input type="checkbox"/> OK <input type="checkbox"/> Deficiency
Exemptions:	
Review Date <u>3/12/03</u> by <u>SM</u>	
Disposition <input type="checkbox"/> OK <input type="checkbox"/> N/C <input type="checkbox"/> PV	

THE OPERATOR'S REPRESENTATIVE SHALL SIGN THIS REPORT TO ACKNOWLEDGE RECEIPT OF HIS COPY, YOUR SIGNATURE CANNOT BE CONSTRUED AS AN ADMISSION OF GUILT FOR ANY VIOLATIONS CONTAINED IN THIS REPORT.

Operator's Representative
Serald Humphrey CES3 12/05/02
 Conservation Enforcement Agent

IN COMPLIANCE yes no

For Office Use

ORPHANED OILFIELD SITE INSPECTION FORM
DNR/Office of Conservation
Engineering Division

3-20-01

Serial Number 179621	Date 12-05-02	Operator QUALITY PETROLEUM, INC.	Code Q008
Well Name and Number HOFFMAN ETAL #1		Landowner (If Known)	
Location Sec 04 Twp 21N Rge 16W		Landowner Address	
Parish CADDO	District SHREVEPORT		
Field CADDO PINE ISLAND	Code (2152)	Landowner Phone	

WELL SITE (Include separate report and photo for each well)

1. Type of Location
 Water Marsh Land
 Well-drained all year
 Too wet to access during _____ months

2. Accessibility to Well-site
 Existing Road Limited Access

Explain: _____

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DEC 06 2002

OFFICE OF CONSERVATION
SHREVEPORT, LA

3. Is the well in a waterway? Yes No
 Is it submerged? Yes No
 Distance below water: _____

4. Wellhead Condition (Attach Photo)
 Good Fair Poor Leaking Damaged No Well Head

If leaking, indicate type of fluid or gas and volume. If damaged, describe damage to wellhead. **N/A**

5. Is there pressure on wellhead? Yes No
 State pressure if able to determine. _____

6. Pumping Unit Present Yes No

7. Well-site Contamination
 Oil Saltwater Other Specify **various debris**

Describe size of contaminated area, severity, and any other pertinent comments. **Small area around well has minor oil contamination.**

8. Pit at Well-site (Attach Photo) Yes No

Length **75** Width **50** Depth **6** Content **Fresh water**

9. Identify the number and kind of inhabited structures (house, churches, school, parks) within 300 feet of the well.

NONE

Aside from those structures/facilities within 300 feet of the site, is there residential or urban development (hospital, subdivision, business, etc.) within 1/4 mile of site? If so, describe.

NONE

10. How close is the site to the nearest federal, state or parish road and identify. Monterrey School Rd. is approx. 750 west of well.

11. Use of property on which the well/facility/pits are located (residential, farmland, forest, pasture, etc.). Forest

12. Distance to nearest waterbody (stream, lake, pond, river, swamp/marsh) and identify by name, if known. Small stream is approx. 1/2 mile north of well.

13. Identify distance to nearest water well, if known. NOT KNOWN

PRODUCTION FACILITY (Attach Photo. Complete this section for only one well utilizing this facility and attach photos of facility. Reference this report on FORM Orph-1 submitted for other wells utilizing this facility.)

1. Storage Tanks (Stock, saltwater, gun barrel, etc.)

Type	Capacity (bbls)	Contents	Quantity of Stock (bbls)	Condition of Tank	Welded or Bolted
STOCK	100	BSW	10	Poor	Welded
STOCK	100	BS+W	10	Poor	Welded
Salt Water	210	Empty	Empty	Poor	Fiberglass
Gun Barrel	4X25	Empty	Empty	Poor	Welded

2. Production Equipment (Indicate number by each type.)
 ___ Separators ___ Heaters Transfer Pumps ___ Compressors ___ Dehydrators

3. Pit at Production Facility (Attach Photo) ___ Yes No
 Length ___ Width ___ Depth ___ Content ___

4. Production Facility Site Contamination
 Oil (minor) ___ Saltwater Debris ___ Concrete Slabs ___ Misc. Pipe

REMARKS (Give any other pertinent information on this site.)

Well is fully equipped w/ pumping unit, electric motor, rods, tubing.
Pumping unit: Lufkin model # D-1140-143-64
S.N. # F50943J 377902

GPS Reading: N 32° 50' 31.6
 W 094° 01' 44.4

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RECEIVED

DEC 24 2002

DEC 06 2002

OFFICE OF CONSERVATION
 ENGINEERING DIVISION

OFFICE OF CONSERVATION
 SHREVEPORT, LA

Derald Humphrey CES 3
 Conservation Enforcement Agent
 (Rev 8/94)

12/18/02

12-05-02
 Date

FORM Eng-Orphan (ORP-1)



Quality Petroleum, Inc. (Q008)
Hoffman ETAL #001 Production Facility
Sec. 4, T21N, R16W
CPI (2152) Caddo (009) 12-5-02



Quality Petroleum, Inc. (Q008)
Hoffman ETAL #1 S.N. 179621
Sec. 4, T21N, R16W
CPI (2152) Caddo (009) 12-5-02

#179621

MAP OF SURVEY

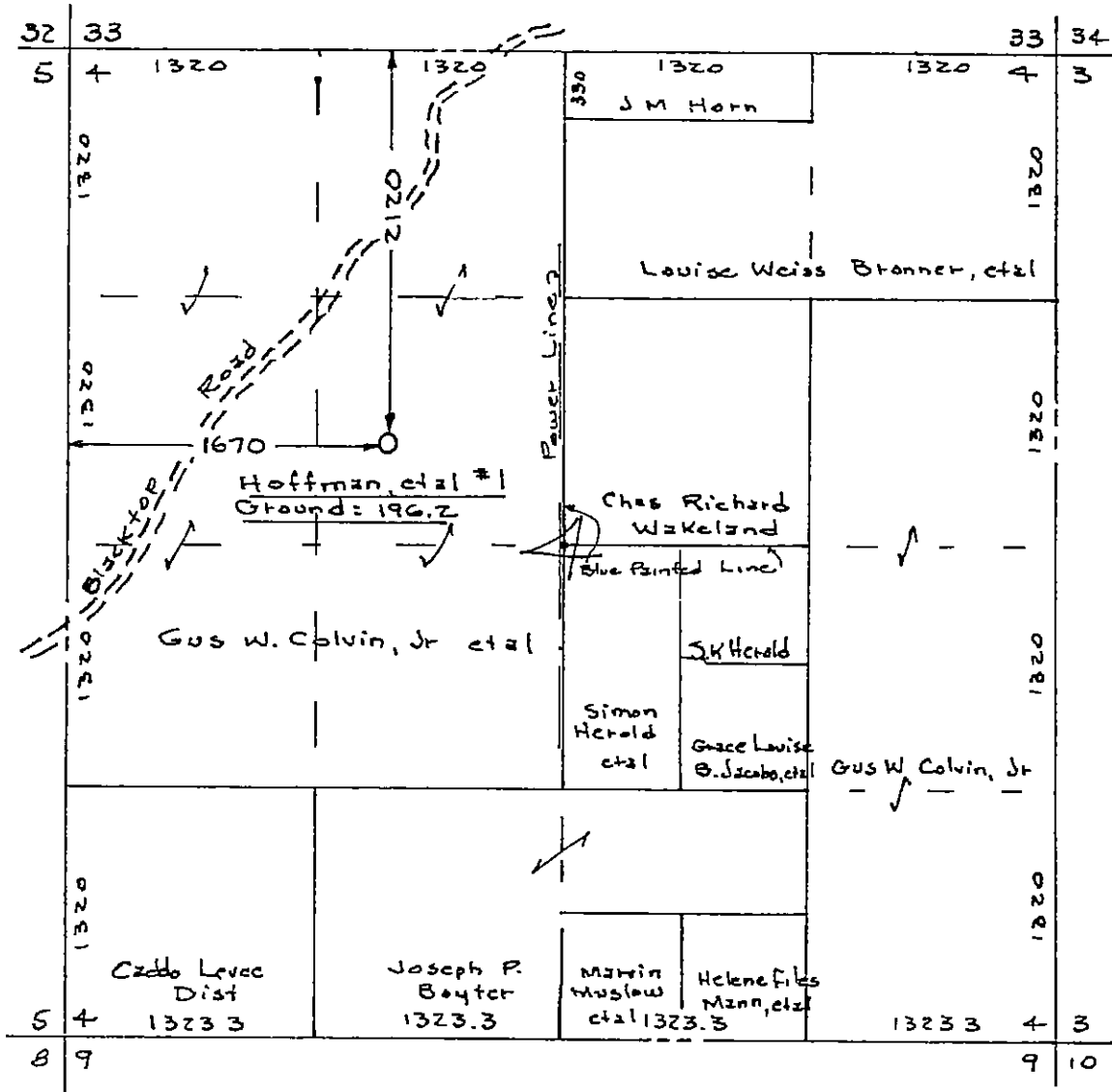
Locating John D. Caruthers, Jr. Well
HOFFMAN, ET AL #1

in the Southeast 1/4 of the Northwest 1/4 of Section 4
Township 21 North, Range 16 West
Caddo Parish, Louisiana

Date: January 18, 1982

Scale: 1" = 1000'

I, John R. Bowman, hereby certify that stake has been set for John D. Caruthers, Jr. Well, Hoffman, et al #1, 2120 feet South and 1670 feet East from the Northwest corner of Section 4, Township 21 North, Range 16 West, as shown hereon.



JOHN R BOWMAN & ASSOC , INC.
303 Hutchinson Building
Shreveport, Louisiana

John R. Bowman

Book No Z-82 File No. C T No

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Inter Office

Date: January 20, 1982

To: Baton Rouge Office
From: Shreveport District Office
Attn: Permit Section

Enclosed herewith please find application from John D. Caruthers, Jr. (1146)
Shreveport, La. for permit to drill
their Hoffman et al #1, Caddo Pine Island
Caddo Parish, Louisiana. Zone Pettit

Also enclosed please find:

Check No. 980 in the amount of \$ 100.00.

Well location plat
 Well location certification

*29-B
29-E
122 Series*

_____ Form A.D.C.
_____ Electric Log
_____ Schematic diagram
_____ (Dual) structure map if well does not comply with existing Orders
_____ (Selective-Onshore) structure map showing reservoir limits
_____ (Selective-Offshore) letter(s) of no objection from offset operators

Applicable Department of Conservation Order No. 29-B, 29-E, 122 Series

Pending Hearing, Docket No. _____

Remarks & Recommendations: Comply with 29-B, 29-E, 122 Series
No Pettit units covering section
Recommend approval.

By *Joseph F. DeWolf*
District Manager

cc: Geological Oil & Gas Division
Prod. Audit (for Amended Permits only)

LT-1

STATE OF LOUISIANA
DEPT OF CONSERVATION

PERMIT TO DRILL FOR MINERALS

PERMIT \$100 00
Multiple Zone Processing

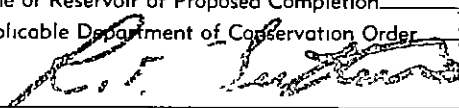
Att

Send To Shreveport/5 Date January 22, 1982
Serial No Ser#179621 API#1701724676
Parish Caddo 009 Field Caddo Pine Island 2152

Operator John D. Caruthers, Jr. 1146
Address 505 La. Bank Bldg.
City & State Shreveport, La. 71101
Well Name Hoffman et al No.1
Location Sec.4, T21N, R16W
2120' S and 1670' E fr NW/cor of Sec.4

PTD 6000

Zone or Reservoir of Proposed Completion Pattot
Applicable Department of Conservation Order 29B, 29E, 122 Series



COMMISSIONER



ISSUING AUTHORITY

165210

State of Louisiana



R. T. SUTTON
COMMISSIONER

OFFICE OF CONSERVATION
P.O. BOX 44275 - CAPITOL STATION
BATON ROUGE, LOUISIANA 70804

Feb. 2, 1982

RE: Caddo Parish
Caddo Pine Island Field
Hoffman Et Al #1
Ser. #179621

John D. Caruthers, Jr.
505 La. Bank Bldg.
Shreveport, La. 71101

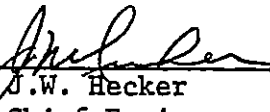
Gentlemen:

The above application for Permit to Drill is being issued with the understanding that you will furnish the appropriate District Manager with Inclination and/or Directional Survey data as proof that the well has been drilled in compliance with the provisions of the Statewide Order No. 29-B, Section XVIII, dated March 1, 1967.

In addition, this well cannot be completed in any pool in which the location does not conform with the provisions of Statewide Order No. 29-E, nor will there be a completion in any sand which is not in compliance with the provisions of Office of Conservation Orders of the 122 Series.

Very truly yours,

R.T. SUTTON, COMMISSIONER
OFFICE OF CONSERVATION

BY 
J.W. Hecker
Chief Engineer

cc: Mr. Joseph DeVall
District Manager
Shreveport

JWH/TH/tds

29B, 29E, Special Order

OFFICE OF CONSERVATION
STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production Tests, made previous to official completion or recompletion.

SECTION X, PARAGRAPH B OF ORDER NO. 29-B

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule:

All operators are required within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production --- as "from 8:00 A.M., August 5 to 3:00 P.M., August 8, 1952."

<u>Date of Test</u>	<u>T E S T D A T A</u>		<u>Amount of Oil Produced</u>
	<u>Time of Test</u>		
_____	_____ M. to _____	_____ M.	_____ Barrels
_____	_____ M. to _____	_____ M.	_____ Barrels
_____	_____ M. to _____	_____ M.	_____ Barrels
_____	_____ M. to _____	_____ M.	_____ Barrels
_____	_____ M. to _____	_____ M.	_____ Barrels
TOTAL _____			BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

OPERATOR

(Signed) OPERATOR REPRESENTATIVE

CODES TO USE IN REPORTING STATUS OF WELL

- 10 Active
- 33 Inactive - future utility (does not include waiting on pipeline or market)
- 36 Inactive waiting on pipeline
- 37 Inactive waiting on market

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RECEIVED

OCT 14 1983

OFFICE OF CONSERVATION
SHREVEPORT, LA



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD

CADDO PINE ISLAND

SERIAL NO

179621

PRODUCING INTERVAL

2368-2372'

RESERVOIR (COMPANY SAND IDENTIFICATION)

Paluxy

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion NOTE: If not properly completed and signed this report will be returned

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

- NEW WELL
 RECOMPLETION
 P & A

- 31 INACTIVE DRY HOLE FUT UTIL
 32 INACTIVE DRY HOLE NO FUT UTIL
 36 INACTIVE WAITING ON PIPELINE
 37 INACTIVE WAITING ON MARKET

PRODUCT

- OIL
 GAS
 OTHER

IF RECOMPLETION

- SAME RESERVOIR
 DIFFERENT RESERVOIR

DATE COMP, RECOMP,
OR P & A
M D Y

4-9-82

OPERATOR *J. D. Caruthers*
CARUTHERS PRODUCING CO., INC.

CODE 1133

ADDRESS 1200 FIRST NATIONAL BANK TOWER
SHREVEPORT, LA 71101

WELL NAME
HOFFMAN ET AL

WELL NO
1

PARISH

CADDO

SEC 4 TWP 21N RGE 16W

DATE PERMIT ISSUED

1-22-82

DATE SPUNDED

M D Y
1-27-82

DATE READY TO PRODUCE*

4-9-83

TOTAL DEPTH

5669'

PBTD

2520'

GROUND ELEVATION

195'

CASING HEAD FLANGE ELEVATION

195'

DISTANCE FROM RKB TO CHF

11'

DATE WELL TURNED INTO TANKS

4-9-83

SINGLE, DUAL OR TRIPLE COMPLETION*

Single

NOTE: IF THIS IS A MULTIPLE COMPLETION,
FURNISH A SEPARATE REPORT FOR
EACH COMPLETION

WAS WELL DIRECTIONALLY
DRILLED? No

WAS DIRECTIONAL SURVEY MADE?
Yes

WERE 3 COPIES FILED WITH THE
OFFICE OF CONSERVATION? Yes

DATE FILED
10-14-83

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)

DIL-SFL-SONIC, MICROLOG, RFT

DATE FILED
10-14-83

CASING, LINER AND TUBING RECORD

NO	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET		SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
				FROM	TO					
01	8 5/8"	12 1/4"	23#	0	505	280	1000	1/2	1-28-82	Glen Rathbun
02	4 1/2"	7 7/8"	9.5#	0	2520	150	1000	1/2	2-11-83	Glen Rathbun
03										
04										
05										
TUBING SIZE		2 3/8"		DEPTH OF TUBING		2293'		DEPTH OF PACKER(S)		

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION 3	GAS VOLUME BOPD	GOR 90	CHOKER SIZE /64"	PRODUCING METHOD Pumping
FLOWING TUBING PRESSURE psig	SHUT-IN TUBING PRESSURE psig	CASING PRESSURE psig	WATER PRODUCTION BPD	BS&W %
GRAVITY *API#60°F	BHP (SHUT-IN) psig	COMPANY REPRESENTATIVE	DATE GAUGED	

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS				DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
		FROM	TO	SACKS	HOW PLACED		

CERTIFICATE: I, the undersigned, state that I am employed by CARUTHERS PRODUCING and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge

Signature *Carl Walker*

Title ENGINEERING MANAGER

* Date well is equipped to produce, but due to no available market, no pipe line connection, etc, the well has been shut-in

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
329-82-3-5	2-10-82		Set 50 sx. plug @ 2600-2700'. Run 4½" csg. to 2500' and perforate 4 sh/ft from 2368-2369'.
391-82-3	2-26-82	KAT W/L	Perforate 2390-94' & test.
459-82-3-5	2-28-82	KAT W/L	Set bridge plug @ 2384'. Plug back and perforate 2368-2369.5 and test.

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms

FORMATION	DEPTH	FORMATION	DEPTH
NACATOH	1112'		
BUCKRANGE	1908'		
BLOSSOM	1936'		
TOKIO	2008'		

RECEIVED
 OCT 18 1983
 DEPT. OF CONSERVATION
 WELL FILES
 BATON ROUGE, LA.

OCT 14 1983
 OFFICE OF CONSERVATION
 SHREVEPORT, LA.

AMENDED PERMIT TO DRILL FOR MINERALS

Amended Permit

~~XXXXXX~~
\$25.00
\$75.00

~~XXX~~ Change

179621 Serial No S Date Dec. 30, 1982

CURRENT CODES

009 PARISH Caddo
2152 FIELD Caddo Pine Island
1133 OPERATOR Caruthers Producing Co., Inc.*
ADDRESS 505 Louisiana Bank Bldg.
CITY & STATE Shreveport, LA 71101

FORMER CODES

1146

8212 Effective
yymm

AMENDMENT ACTION

0.0.9. PARISH

0.3.4. FIELD

~~0.0.5.13~~ OPERATOR

0.1.6. LSE-UN

0.1.6. UN-LSE

0.1.6. LSE-LSE

0.1.6. UN UN

0.1.4. WELL NO

5.2.1. LOCATION

WELL NAME Hoffman etal No 1

LOCATION OF WELL Sec 4 T 21N R 16W Former Well No _____

Location Same

*John D. Caruthers, Jr.

Applicable Department of Conservation Order 29B, 29E, 122 Series

Patrick H. Martini
Commissioner

J. J. Heard
Issuing Authority

WELL FILE COPY

No 79414 4mm A

179621

STATE OF LOUISIANA
OFFICE OF CONSERVATION
LOUISIANA STATE POTENTIAL REPORT

District Shamport INPUT TYPE
 Field CPI 1 - OC Only
 Parish Caddo 2 - Original
 Operator James L. Barber Code 0392 3 - Correction
 Sec 4 TWP. 21N RGE 16W Test Date 10 / 26 / 83
 12 Mo Day Yr

TYPE OF WELL TYPE OF TEST PRODUCING METHOD
 1- OIL 1- COMPLETION F- FLOWING
 2- GAS 2- RECOMPLETION P- PUMPING
 3- RETEST 3- CORRECTION G- GASLIFT

WELL SERIAL NO	WELL NAME	WELL NO	NAME OF RESERVOIR
179621	Hoffman Etal	1	Paluxy

PBTD

TOTAL DEPTH	PERFORATED INTERVAL FROM	PERFORATED INTERVAL TO	CHOKE /64"	OIL BBL/DAY	COND BBL/DAY	GAS MCF/DAY	GAS/OIL RATIO CF/BBL
5669	2369'	2372'	-	8	0	0	0

API GRAV @60°F	WATER BBL/DAY	BS&W %	FLOWING PRES (PSIG)	CASING PRES (PSIG)	DATE OF COMPLETION		
					MO	DAY	YR
42.6	90	1	0	0	4	10	82

CLOSE TANK / METER GAUGE _____ @ _____ TIME
 OPEN TANK / METER GAUGE _____ @ _____ TIME
 DIFFERENCE _____ IN _____ HOURS
 TANK / METER NO _____ TANK COEF _____

STATIC PRES _____ DIFFERENTIAL PRES _____ LINE SIZE _____
 PLATE SIZE _____ COEFFICIENT _____ METER SPRING & DIFF RANGE _____

REMARKS _____

WITNESSED BY W. H. Rathburn GAUGED BY James L. Barber
 TITLE ER Insp TITLE _____

AMENDED PERMIT TO DRILL FOR MINERALS

Amended Permit ~~XXXX51500~~

\$75.00

FORMER CODES

1133

~~XXX~~ Change

179621 Serial No S Date Nov. 7, 1983

CURRENT CODES

009 PARISH Caddo
2152 FIELD Caddo Pine Island
0392 OPERATOR James L. Barber*
ADDRESS P.O. Box 176
CITY & STATE Oil City, LA 71061

8310 Effective
yymm

AMENDMENT ACTION

- 0.0.9.1 PARISH
- 0.3.4.2 FIELD
- ~~XXXXXX~~ OPERATOR
- 0.1.6.4 LSE UN
- 0.1.6.5 UN LSE
- 0.1.6.6 LSE-LSE
- 0.1.6.7 UN-UN
- 0.1.4.8 WELL NO
- 5.2.1.9 LOCATION

040286 WELL NAME Hoffman etal No 1
LOCATION OF WELL Sec 4 T 21N 16W Former Well No _____
Location Same
*Caruthers Producing Co., Inc.

Applicable Department of Conservation Order 29B, E, 122 Series

Rafuck H. Martini
Commissioner

[Signature]
Issuing Authority

WELL FILE COPY

No. 82827 ^{drmm} A

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Inter Office

Date: October 18, 1983

To: Baton Rouge Office

From: Shreveport District Office

Attn: Permit Section

Enclosed herewith please find application from James L. Barber (0392)
Oil City, LA for permit to AMEND
their Hoffman etal #1, Caddo Pine Island Field
Caddo Parish, Louisiana. Zone

Also enclosed please find:

Check No. 654 in the amount of \$ 75.00.

Well location plat

Well location certification

Form A.D.C.
 Electric Log
 Schematic diagram
 (Dual) structure map if well does not comply with existing Orders
 (Selective-Onshore) structure map showing reservoir limits
 (Selective-Offshore) letter(s) of no objection from offset operators

Applicable Department of Conservation Order No. 29B, 29E, 122 Series

Pending Hearing, Docket No. .

Remarks & Recommendations: Recommend approval.
Eff: 10-1-83

By 
District Manager

cc: Geological Oil & Gas Division
Prod. Audit (for Amended Permits only)

LT-1

A S S I G N M E N T

STATE OF LOUISIANA

PARISH OF CADDO

KNOW ALL MEN BY THESE PRESENTS:

That: JAMES L. BARBER and SADIE MARTIN BARBER, husband and wife, residents of Caddo Parish, Louisiana, whose mailing address is P.O. Box 176, Oil City, La. 71061

hereinafter referred to as ASSIGNORS, (whether or not one or more), declared that they do by theses presents, assign, transfer, convey and deliver unto:

HUGH H. BEENE, husband of Juanez Beene, a resident of Caddo Parish, Louisiana, whose mailing address is 10890 Stacy Landing Road, Vivian, Louisiana 71082
Hugh H. Beene d/b/a Hutson Oil Co.

hereinafter styled as ASSIGNEE, his successors and ASSIGNS ALL RIGHTS, TITLE AND INTEREST being 100% Working Interest in and to those oil, gas and mineral leases described on EXHIBIT "A" attached hereto and made apart hereof.

This assignment is made for and in consideration of the sum of ONE HUNDRED AND NO/100 (\$ 100.00) Dollars and other good and valuable considerations the receipt and adquacy of which is hereby acknowledged.

The said assignee agrees to faithfully carry out all the provisions of the original leases in so far as it applies to that portion of the tract conveyed.

The effective date of this assignment is February 1, 1990.

IN WITNESS WHEREOF, this instrument is signed on the 22nd day of February, 1990, in the presence of the undersigned and me, Notary Public.

WITNESSES:

Margaret S. Sings
John F. Blifor

James L. Barber
JAMES L. BARBER
Sadie Martin Barber
SADIE MARTIN BARBER
Hugh H. Beene
HUGH H. BEENE
Juanez Beene
JUANEZ BEENE

L. Wayne
NOTARY PUBLIC

EXHIBIT "A"

LEASE #: 117-26D
LESSOR: Jeani M. Magee, Tutrix,
LESSEE: John D. Caruthers, Jr.
DATE: October 2, 1981
RECORDATION: Reg. No. 890543

LEASE #: 117-26B
LESSOR: Simon Herold, Agent and Attorney-in-Fact
for Eleanor Herold Vallhonrat
LESSEE: John D. Caruthers, Jr.
DATE: September 22, 1981
RECORDATION: Reg. No. 888211

LEASE #: 117-26A
LESSOR: John P. Hoffman, Jr., et al
LESSEE: John D. Caruthers, Jr.
DATE: August 20, 1981
RECORDATION: Reg. No. 882554

LEASE #: —
LESSOR: John P. Hoffman, Jr., Agent and Attorney-In-Fact
for Evelyn Clark Colvin —
LESSEE: John D. Caruthers, Jr.
DATE: March 23, 1982 —
RECORDATION: Reg. No. 902380

INSOFAR AND ONLY as it covers and affects the following described property, to-wit:

Northeast Quarter of Southwest Quarter (NE $\frac{1}{4}$ of SW $\frac{1}{4}$) of Section 4, Township 21 North, Range 16 West, Caddo Parish, Louisiana, from surface depth

together with all wells and equipment located thereon and pertaining thereto

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Inter Office

Date: 3-2-90

To: Baton Rouge Office

From: Shreveport District Office

Attn: Permit Section

Enclosed herewith please find application from Hutson Oil Co. (2928)

Oil City, La. for permit to AMEND
their SN-179621 Hoffman et al #1, CPI Field
CADDO Parish, Louisiana. Zone

Also enclosed please find:

Check No. NO CHARGE in the amount of \$ HR-189.

Well location plat

Well location certification

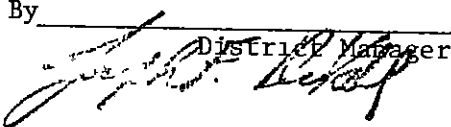
Form A.D.C.
Electric Log
Schematic diagram
(Dual) structure map if well does not comply with existing Orders
(Selective-Onshore) structure map showing reservoir limits
(Selective-Offshore) letter(s) of no objection from offset operators

Applicable Department of Conservation Order No. 29B.

Pending Hearing, Docket No. .

Remarks & Recommendations: Effective 2-22-90
Recommend approval
Copy of assignment attached

98:6V 9 MW 06

By  District Manager

cc: Geological Oil & Gas Division
Prod. Audit (for Amended Permits only)

LT-1

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

(CORRECTED)

179621 SERIAL NO DATE 03/09/90 EFFECTIVE 02/90

CURRENT CODES

009 PARISH CADDO DISTRICT 61 SHREVE
2152 FIELD CADDO PINE ISLAND
2928 OPERATOR Hutson Oil Co.
 P.O. Box 364
 Oil City, LA 71061

1-040286WELL NAME HOFFMAN ET AL NO. 001
LOCATION OF WELL SEC 004 T 21N R 16W
FORMER OPER: JAMES L BARBER

HR189#90-589

APPLICABLE OFFICE OF CONSERVATION ORDER 29B

J. PATRICK BATCHELOR

FELIX J. BOUDREAU

COMMISSIONER

ISSUING AUTHORITY

WELL FILE

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

(CORRECTED)

179621 SERIAL NO DATE 07/17/92 EFFECTIVE 06/01/92

CURRENT CODES

009 PARISH	CADDO	DISTRICT 61 SHREVE
2152 FIELD	CADDO PINE ISLAND	
0104 OPERATOR	ALLEN BROTHERS	
	P. O. BOX 248	
	OIL CITY, LA	71061

1-040286 WELL NAME HOFFMAN ET AL NO. 001
LOCATION OF WELL SEC 004 T 21N R 16W
FORMER OPERATOR: HUTSON OIL CO

HR #92-2060

APPLICABLE OFFICE OF CONSERVATION ORDER

H. W. THOMPSON

FELIX J. BOUDREAUX

COMMISSIONER

ISSUING AUTHORITY

WELL FILE

STATE OF LOUISIANA
OFFICE OF CONSERVATION

Inter Office

Date: 7-15-92

To: Baton Rouge Office

From: Shreveport District Office

Attn: Permit Section

Enclosed herewith please find application from Allen Brothers (0104)

Oil City, LA for permit to AMEND
their SN-179621 Hoffman et al #1, CPI Field
CADDO Parish, Louisiana. Zone

Also enclosed please find:

Check No. NO CHARGE in the amount of \$ HR-189

 Well location plat

 Well location certification

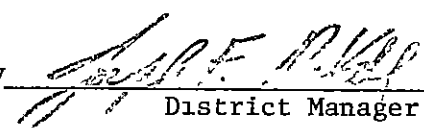
RECEIVED
92 JUL 17 A 8: 54
O-C PERMIT SECTION

- Form A.D.C.
- Electric Log
- Schematic diagram
- (Dual) structure map if well does not comply with existing Orders
- (Selective-Onshore) structure map showing reservoir limits
- (Selective-Offshore) letter(s) of no objection from offset operators

Applicable Department of Conservation Order No. 29B

Pending Hearing, Docket No.

Remarks & Recommendations: Effective 6-1-92
Lease also includes 1 SWD SN-971241 Hoffman et al SWD #1.
Cards and check sent to Baton Rouge.

By 
District Manager

cc: Geological Oil & Gas Division
Prod. Audit (for Amended Permits only)

STATE OF LOUISIANA
OFFICE OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

(CORRECTED)

179621 SERIAL NO DATE 12/12/96 EFFECTIVE 11/15/96

CURRENT CODES

009 PARISH	CADDO	DISTRICT SHREVEPORT
2152 FIELD	CADDO PINE ISLAND	
Q008 OPERATOR	QUALITY PETROLEUM, INC.	
1 PRODUCT	SUITE #401	
MA	11300 N. CENTRAL EXPRESSWAY	
	DALLAS, TX	75243

1-040286 WELL NAME HOFFMAN ET AL NO. 001
LOCATION OF WELL SEC 004 T 21N R 16W
FORMER OPERATOR NAME: ALLEN BROTHERS 0104

APPLICABLE OFFICE OF CONSERVATION ORDER

GEORGE L. CARMOUCHE

FELIX J. BOUDREAUX

COMMISSIONER

ISSUING AUTHORITY

WELL FILE

APPENDIX 7

LOSCO INFORMATION

NOTE TO FILE

Components of this facility were not identified by the Louisiana Oil Spill Coordinators Office in either the Abandoned and Derelict Vessel Inventory or in the Statewide Abandoned Non-Hazardous Waste Pit and Facility Study, Phases 1-7.

APPENDIX 8

RECORDS OF COMMUNICATION

NOTE TO FILE

There were no records of communication specific to this facility.

APPENDIX 9
INTERIM DELIVERABLES

Louisiana Abandoned Oil Facility

Summary of Facility Container Contents and Condition

FPN: E06614

Container Name	Total Sum of Liquids (bbl)	Water (bbl)	Oil ^(a) (bbl)	Oil Emulsion ^(a) (bbl)	Container Condition	Container ^(b) Description	Container Details
AST 1	12.56	0.00	1.40	11.16	Inadequate	4 5	AST1 had significant rust and corrosion, and had delaminated metal near its base and on connected flow lines. AST1 was actively discharging oily liquid to the environment via a seep through the delaminated metal at the base of the tank.
AST 2	11.16	0.00	0.00	11.16	Inadequate	4 6	AST2 had extensive rust, corrosion, and delaminated metal near its base and on connected flow lines. Oil staining around the tank indicated prior discharge to the environment.
AST 3	76.75	68.38	1.40	6.98	Inadequate	4 5	AST3 was degraded and peeling, and had delaminated metal on connected flow lines. AST3 was actively discharging oily liquid to the environment via a seep through the peeling fiberglass at the base of the tank.
S 1	42.42	0.00	42.42	0.00	Inadequate	4 6	S1 had extensive rust, corrosion, and delaminated metal near its base and on connected flow lines. Oil staining around the tank indicated prior discharge to the environment.
Total	142.90	68.38	45.21	29.31	Total Products ^(a) : 74.52 bbl		

Key: bbl = Barrels

Notes: a. As meets the definition of "oil" as defined by Section 1001(23) of OPA, 33 U.S.C § 2701(23).

b. For the purpose of this container summary report, the following numeric values are representative of the corresponding container condition(s):

1. Open Top
2. Man Way Opened
3. Open, Empty and Gas-Free
4. Significantly Rusted, Cracked or Corroded
5. Active Discharge to Environment
6. Evidence of Prior Seepage or Discharge

Louisiana Abandoned Oil Facility

Summary of Facility Containment Contents and Condition

FPN: E06614

Component Name	Available Capacity ⁽¹⁾ (bbl)	Required Capacity ⁽²⁾ (bbl)	Free Water ⁽³⁾ (bbl)	Free Oil ⁽³⁾ (bbl)	Total Impacted Soil ⁽⁴⁾ (yd3)	Residual Oil Description	Breach Description	Condition	Condition Details
CONT1	44.02	483.20	33.58	0.00	26.44	Oily liquid seeping through delaminated metal at the base of AST1 and AST3 created areas of oil-saturated soil in most of CONT1. Soil cores revealed that oil-saturated soil extended to a maximum depth of 1 foot BGS.	A breach eroded in southern earthen berm of CONT1 significantly reduced the containment capacity and allowed it to drain oily water to adjacent waterways.	Inadequate	The breach in CONT1 significantly reduced containment capacity and allowed drainage to the environment. Lack of maintenance was evident from the heavily overgrown condition, eroding berms, and the oil-saturated soil in CONT1.

Key: bbl = Barrels yd3 = Cubic yards NA = Not Applicable

- Footnote:
1. Available capacity remaining in component at time of assessment. This accounts for the total capacity below the lowest discharge or overflow point of component, including breaches, less the liquids (oil and water) in the component and the volume occupied by the footprint of containers in component as applicable. This does not account for the contents of containers that are located in or have the potential to drain to this component or the volume of the standard precipitation accumulation event.
 2. The combined volume of the contents of containers that are located in or have the potential to drain to this component and the volume of the standard precipitation accumulation event that can fall and accumulate within this component. The capacity is considered sufficient if the required capacity does not exceed the available capacity. For the volume of the containers and the precipitation event, refer to the "Site Assessment Summary Report" for each component.
 3. Volume of liquid (water or oil) in component at time of assessment. This does not include the contents of containers that are located in or have the potential to drain to this component.
 4. Total volume of soil and/or sediment with an oil and grease (OG) concentration greater than 1 percent (%) by dry weight. For specific classifications of the soil and/or sediment OG concentration ranges, refer to the "Site Assessment Summary Report" form for each component.

Louisiana Abandoned Oil Facility
Total Volumes for Facility Containment, Pit, and Oil Impacted Areas

FPN: E06614

Total Free Water (bbl)	Total Free Oil ⁽¹⁾ (bbl)	Total Impacted Soil ⁽²⁾ (yd3)
33.58	0.00	26.44

Key: bbl = Barrels yd3 = Cubic yards NA = Not Applicable

Footnote: 1. As meets the definition of "oil" as defined by Section 1001(23) of OPA, 33 U.S.C ' 2701(23).

2. Total volume of soil and/or sediment with an oil and grease (OG) concentration greater than 1 percent (%) by dry weight. For specific classifications of the soil and/or sediment OG concentration ranges, refer to the "Site Assessment Summary Report" form for each component in the Site Assessment Summary Report.

Louisiana Abandoned Oil Facility Database
Facility Photograph List

EPA ID: 09-E-1181

DATE	TIME	PHOTO #	DIRECTION	COMMENTS	PHOTOGRAPHER/WITNESS
4/1/2008	13:34	0104	SW	E06614: Unnamed NHD tributary of Caddo Lake just upstream of facility drainage outfall.	Farrar, Will / N/A
4/5/2008	9:28	0201	NW	E06614: AST1, AST2, AST3, and S1 in CONT1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:37	0207	NW	E06614: Rust, corrosion and oily liquid seeping through the delaminated metal on the man way at the base AST1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:38	0209	Down	E06614: Oil saturated soil surrounding valve on AST2.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:39	0210	E	E06614: Rust, corrosion and delaminated metal on AST2.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:40	0211	W	E06614: Rust, corrosion and delaminated metal on S1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:41	0213	E	E06614: Rust, corrosion and delaminated metal at base of S1 and evidence of prior oil release.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:42	0214	Down	E06614: Rust, corrosion and delaminated metal on S1.	Sekerka, Robert / Johnson, Colin
4/5/2008	9:44	0216	Down	E06614: Oily liquid seeping through the chipped and peeling fiberglass ath the base of AST3.	Sekerka, Robert / Johnson, Colin
4/5/2008	10:13	0222	SW	E06614: Oily sheen on water pooled in southwest end of CONT1 (Note breach through CONT1 in background).	Sekerka, Robert / Johnson, Colin
4/5/2008	10:15	0225	SW	E06614: Drainage ditch on north side of facility access road.	Sekerka, Robert / Johnson, Colin
4/5/2008	10:16	0226	S	E06614: Drainage pathway to NHD tributary to Caddo Lake south of access road.	Sekerka, Robert / Johnson, Colin



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0104 **Direction:** SW **Contract No.**
Date: 04/01/2008 **Time:** 1:34:00 PM **Photographer/Witness:** Farrar, Will/N/A
Description: E06614: Unnamed NHD tributary of Caddo Lake just upstream of facility drainage outfall.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0207 **Direction:** NW **Contract No.**
Date: 04/05/2008 **Time:** 9:37:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Rust, corrosion and oily liquid seeping through the delaminated metal on the man way at the base AST1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0201 **Direction:** NW **Contract No.**
Date: 04/05/2008 **Time:** 9:28:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: AST1, AST2, AST3, and S1 in CONT1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0209 **Direction:** Down **Contract No.**
Date: 04/05/2008 **Time:** 9:38:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Oil saturated soil surrounding valve on AST2.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0210 **Direction:** E **Contract No.:**
Date: 04/05/2008 **Time:** 9:39:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Rust, corrosion and delaminated metal on AST2.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0211 **Direction:** W **Contract No.:**
Date: 04/05/2008 **Time:** 9:40:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Rust, corrosion and delaminated metal on S1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0213 **Direction:** E **Contract No.:**
Date: 04/05/2008 **Time:** 9:41:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Rust, corrosion and delaminated metal at base of S1 and evidence of prior oil release.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0214 **Direction:** Down **Contract No.:**
Date: 04/05/2008 **Time:** 9:42:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Rust, corrosion and delaminated metal on S1.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0216 **Direction:** Down **Contract No.:**
Date: 04/05/2008 **Time:** 9:44:00 AM **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Oily liquid seeping through the chipped and peeling fiberglass at the base of AST3.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0222 **Direction:** SW **Contract No.:**
Date: 04/05/2008 **Time:** 10:13:00 A **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Oily sheen on water pooled in southwest end of CONT1 (Note breach through CONT1 in background).



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0225 **Direction:** SW **Contract No.:**
Date: 04/05/2008 **Time:** 10:15:00 A **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Drainage ditch on north side of facility access road.



Site Name: Quality Petroleum, Inc.-Hoffman, et al. **Project No.:** E06614
Photo No.: 0226 **Direction:** S **Contract No.:**
Date: 04/05/2008 **Time:** 10:16:00 A **Photographer/Witness:** Sekerka, Robert/Johnson, Colin
Description: E06614: Drainage pathway to NHD tributary to Caddo Lake south of access road.

APPENDIX 10

QUALITY CONTROL ACKNOWLEDGEMENT

FPN: EO6614

EPA ID: 09E1181

QUALITY CONTROL ACKNOWLEDGMENT PAGE

GIS REVIEW

Will Farrar
Name

[Signature]
Signature

4/12/08
Date

TECHNICAL REVIEW

Colin Johnson
Name

[Signature]
Signature

4/14/08
Date

EDITORIAL REVIEW

Crissy Ringo
Name

[Signature]
Signature

5-13-08
Date

FINAL REVIEW

Will Farrar
Name

[Signature]
Signature

5/23/08
Date