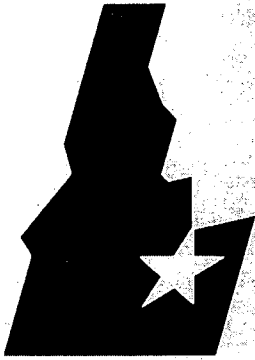


100-4-28-49

EGG-EP-11414
August 1994

DOE
R-F



**Idaho
National
Engineering
Laboratory**

*Managed
by the U.S.
Department
of Energy*

Geothermal Well Site Restoration and Plug and Abandonment of Wells

**DOE Gladys McCall Test Site
Cameron Parish, Louisiana
and
DOE Willis Hulin Test Site
Vermilion Parish, Louisiana**

Ben N. Rinehart, INEL



*Work performed under
DOE Contract
No. DE-AC07-76ID01570*

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Geothermal Well Site Restoration and Plug and Abandonment of Wells

**DOE Gladys McCall Test Site
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and
DOE Willis Hulin Test Site
Vermilion Parish, Louisiana**

Ben N. Rinehart

Published August 1994

**Idaho National Engineering Laboratory
EG&G Idaho, Inc.
Idaho Falls, Idaho 83415**

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**Prepared for the
U.S. Department of Energy
Assistant Secretary for Energy Efficiency and Renewable Energy
Under DOE Idaho Operations Office
Contract DE-AC07-76ID01570**



ABSTRACT

A report is presented on the final phase of an energy research program conducted by the U.S. Department of Energy (DOE) involving two geothermal well sites in the State of Louisiana—the Gladys McCall site and the Willis Hulin site. The research program was intended to improve geothermal technology and to determine the efficacy of producing electricity commercially from geopressured resource sites. The final phase of the program consisted of plug and abandonment (P&A) of the wells and restoration of the well sites. Restoration involved (a) initial soil and water sampling and analysis; (b) removal and disposal of well pads, concrete, utility poles, and trash; (c) plugging of monitor and freshwater wells; and (d) site leveling and general cleanup. Restoration of the McCall site required removal of naturally occurring radioactive material (NORM), which was costly and time-consuming. Exhibits are included that provide copies of work permits and authorizations, P&A reports and procedures, daily workover and current conditions reports, and cost and salvage reports. Site locations, grid maps, and photographs are provided.



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Geothermal Well Site Restoration and Plug and Abandonment of Wells

DOE Gladys McCall Test Site Cameron Parish, Louisiana and DOE Willis Hulin Test Site Vermilion Parish, Louisiana

1. GENERAL BACKGROUND

For a variety of reasons, thousands of oil and gas wells have been abandoned in the Gulf Coast Region of the United States. Many of these wells penetrated geopressured zones whose potential for power generation was undervalued or ignored. The U.S. Department of Energy (DOE) Geopressured-Geothermal Research Program was chartered to improve geothermal technology to the point where electricity could be commercially produced from a substantial number of geopressured resource sites. This research program focused on technical issues that are unique to geopressured resources, such as the ability to predict reservoir production capacity based on preliminary flow tests. The two well sites selected for this research program in Louisiana were the Gladys McCall site and the Willis Hulin site. The final phase of the research program, which consisted of plug and abandonment (P&A) of the wells and site restoration, is covered in this report. Eaton Operating Company of Houston, Texas, was responsible for the operations of both well sites, and EG&G Idaho, Inc., of the Idaho National Engineering Laboratory, Idaho Falls, Idaho, was contracted by DOE-ID (Contract DE-AC07-76ID01570) for the P&A of the wells when the DOE contract with the Eaton Operating Company was terminated.

The property lease agreement of the Gladys McCall site was held by Eaton Operating Company under DOE Contract No. DG-AC07-85ID12578, until the contract was canceled on July 19, 1993, at which time DOE-ID took over the lease agreement. The property lease agreement for the Willis Hulin site was held by DOE under Lease Agreement No. DE-R-84NV10374.

1.1 Well Site Locations

The Gladys McCall well site is located in Crab Lake field, Cameron Parish, Louisiana (Figure 1-1), and the Willis Hulin well site is located in South Erath field, Vermilion Parish, Louisiana (Figure 1-2). The Gladys McCall site (map shown in Figure 1-3) was completely surrounded by water except for the entrance road, and the Willis Hulin site (map shown in Figure 1-4) was completely surrounded by the Hulin farm.

1.2 Well Identification Numbers

1.2.1 Gladys McCall

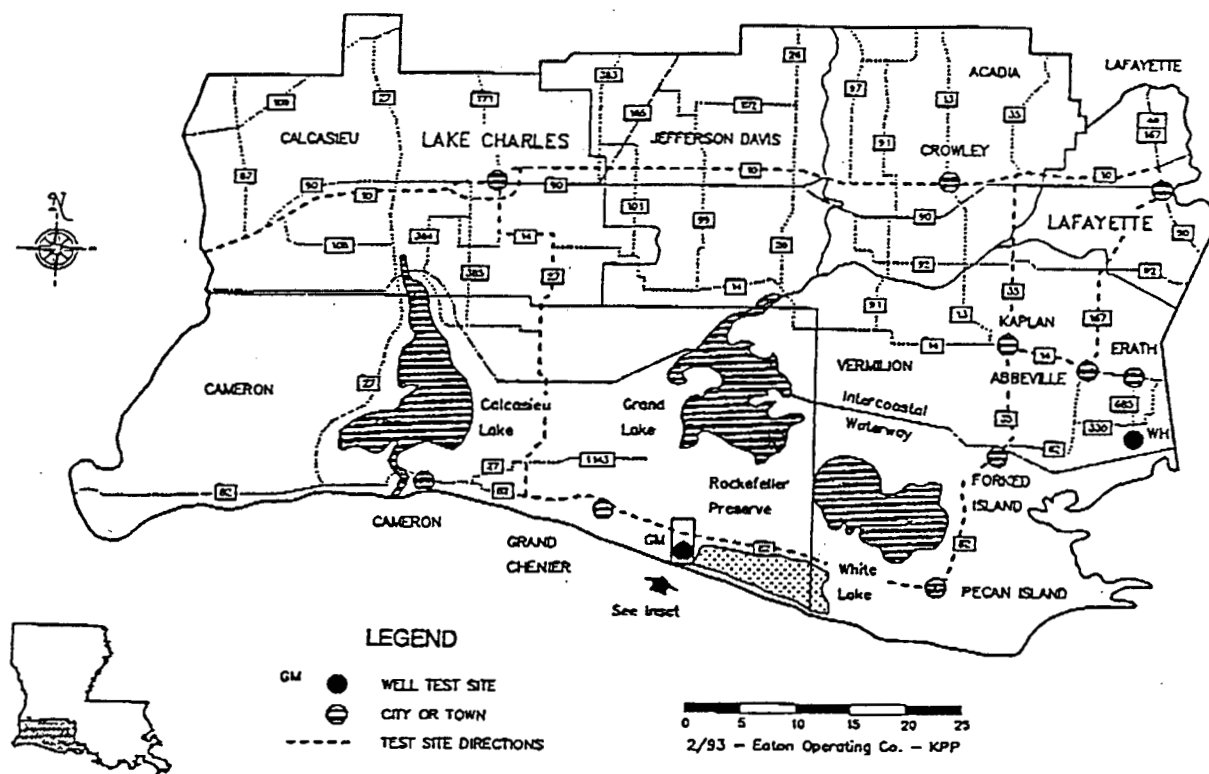
- Production Well—Serial No. 174825, API No. 17-02321648
- Disposal Well—Serial No. 159587.

1.2.2 Willis Hulin

- Production Well—Serial No. 158468, API No. 17-113207850000
- Disposal Well—Serial No. 972009, API No. 17-113880870000.

1.3 Production Operations

Operations on the well sites consisted primarily of high-pressured brine production with some natural gas production; although at the time of closure, the production and injection wells and all associated activity had been shut down for several years. Figures 1-3 and 1-4 show the general layout of the sites with production and injection well locations.



- From Houston, exit Interstate Highway (IH) 10 onto IH-210 Bypass of Lake Charles, LA, exiting IH-210 at Exit 8 onto State Highway (SH) 14. Follow SH-14 to the intersection with SH-27 and take SH-27 to the intersection with SH-82. Turn left (east) on SH-82 and proceed through Grand Chenier. The access road to Gladys McCall well site is located approximately 8 miles east of Grand Chenier on the south side of SH-82 at Mile Marker 69.
- From Lafayette, take SH-167 south to Abbeville, turn right (west) on SH-14, and follow to Kaplan. Turn left (south) on SH-35 and follow to the intersection with SH-82, near Forked Island. Take SH-82 through Pecan Island, staying on SH-82 until reaching the access road to the Gladys McCall well site on the south side of the highway, at Mile Marker 69.

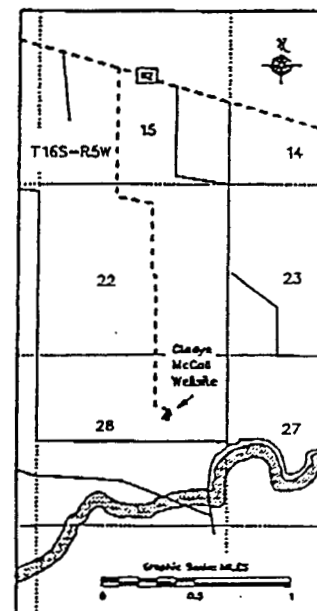


Figure 1-1. Location and directions to Gladys McCall well site in Cameron Parish, Louisiana.

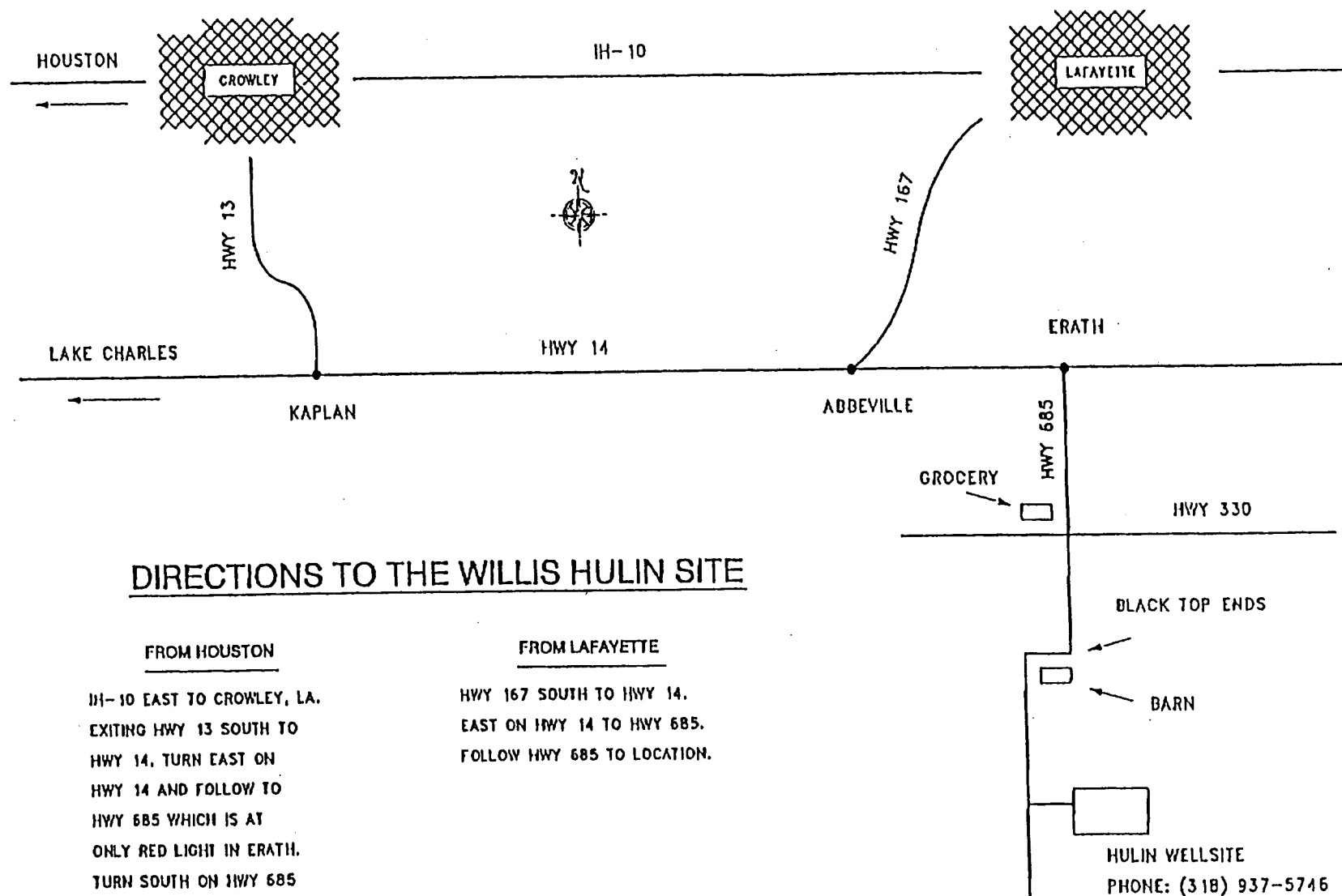


Figure 1-2. Location and directions to Willis Hulin well site in Vermilion Parish, Louisiana.

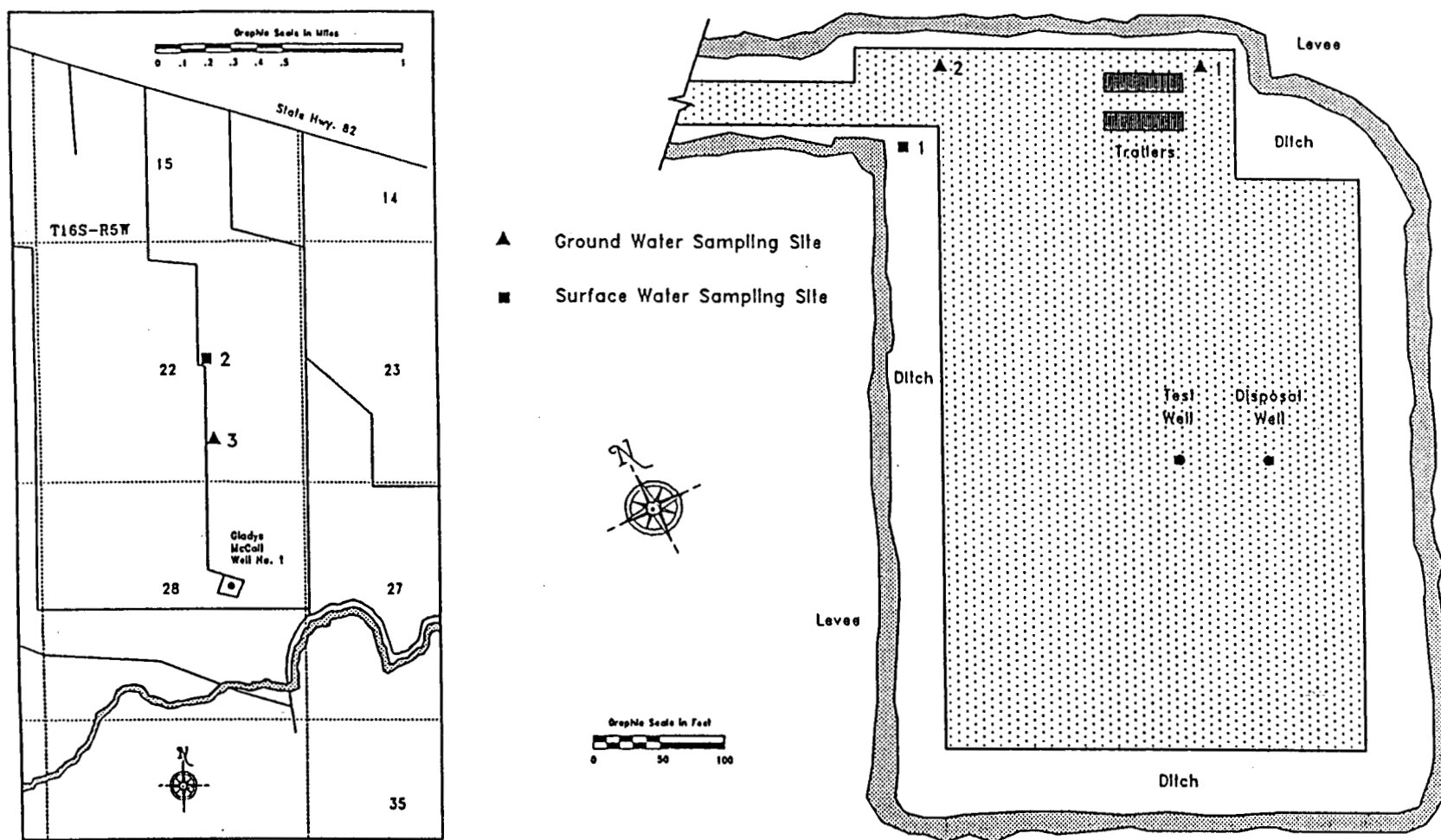


Figure 1-3. EOC/DOE Gladys McCall, Well No. 1, Cameron Parish, Louisiana.

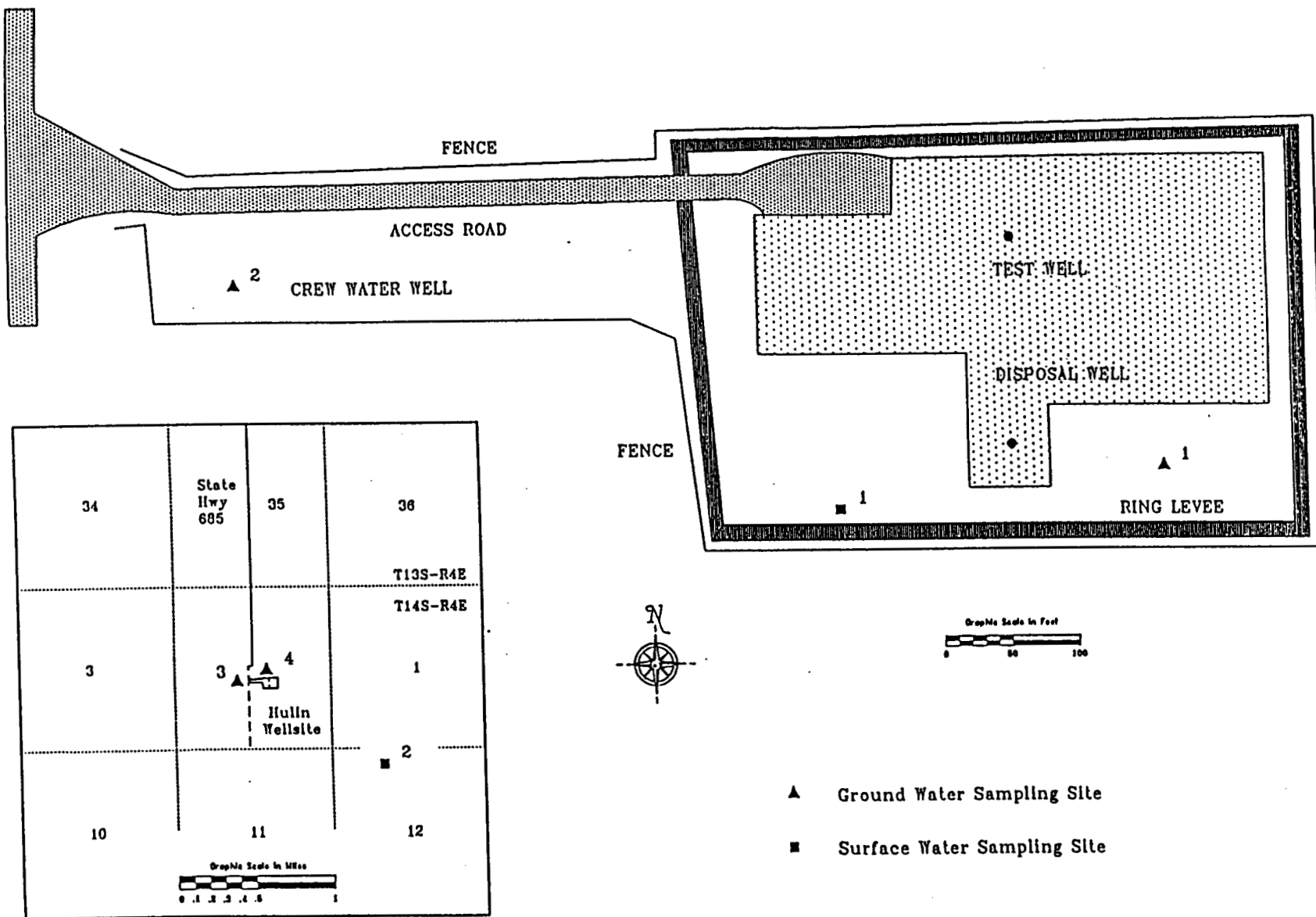


Figure 1-4. EOC/DOE Willis Hulin Test Site, Vermilion Parish, Louisiana.

2. RESTORATION PLAN AND SCHEDULE

2.1 Scope

Because of relatively "clean" operations (brine and gas production), and because there had been no activity for a number of years at the Willis Hulin well site, cleanup operations and the restoration plan required very little work because the owner allowed most of the items to stay in place. Contamination concern was centered around the well pad areas originating from location boards, but tests showed none existed.

The Gladys McCall site, however, was just the opposite. Relative to the operations (brine and gas production), and because there had been no activity for a number of years at this site, cleanup operations and the restoration plan required more work than the Willis Hulin site because naturally occurring radioactive material (NORM) was present and required removal. The process for removing the NORM was costly and timely. Contamination concern was centered around the well pad areas and equipment.

2.2 Major Task Components

The restoration plan was made up of the following general tasks:

- Initial soil and water sampling and analysis
- Removal and disposal of concrete, utility poles, and trash
- Removal and disposal of well pads
- Plugging of monitor and freshwater wells
- Site leveling and general dirt work/cleanup.

2.3 Restoration

Central Industries, Inc., of Scott, Louisiana, was awarded the contract for the restoration and closeout of the two sites. The restoration activities began as soon as the plug and abandonment (P&A) contractor had plugged both wells on each site and had removed all the site surface equipment and pipe from each location. It was estimated that completion of the restoration and cleanup of the sites could be accomplished in approximately 30 days provided that all surface equipment, trailers, and pipe were off the site. Work began on the Gladys McCall site in September 1993, and was completed on January 14, 1994, and the work on the Willis Hulin site was started in February 1994, and completed on April 13, 1994. (Note: There was a break in work days for the Hulin site—only a total of 5 days were worked.) Figures 2-1 through 2-9 are photos of the restored sites.



Figure 2-1. View of entrance off Highway 82 to Gladys McCall well site.

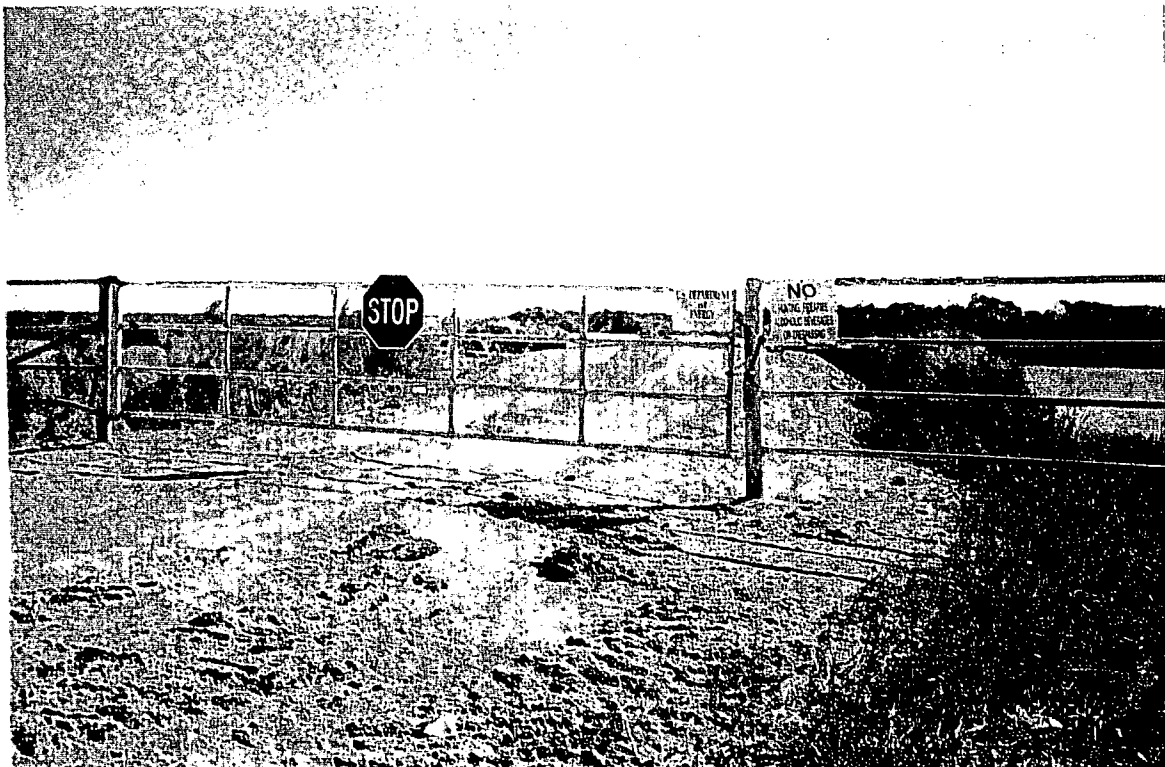


Figure 2-2. View of entrance at bridge adjacent to Gladys McCall well site.



Figure 2-3. View of north side of Gladys McCall well site.



Figure 2-4. View of east side of Gladys McCall well site.





Figure 2-5. View of south side of Gladys McCall well site.



Figure 2-6. View of west side of Gladys McCall well site.



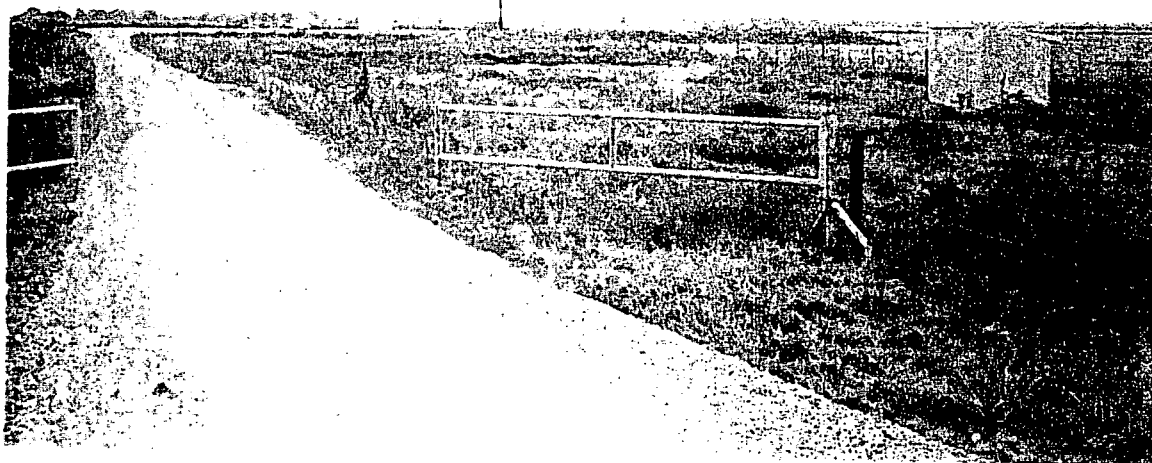


Figure 2-7. View of gate entrance to Willis Hulin well site.

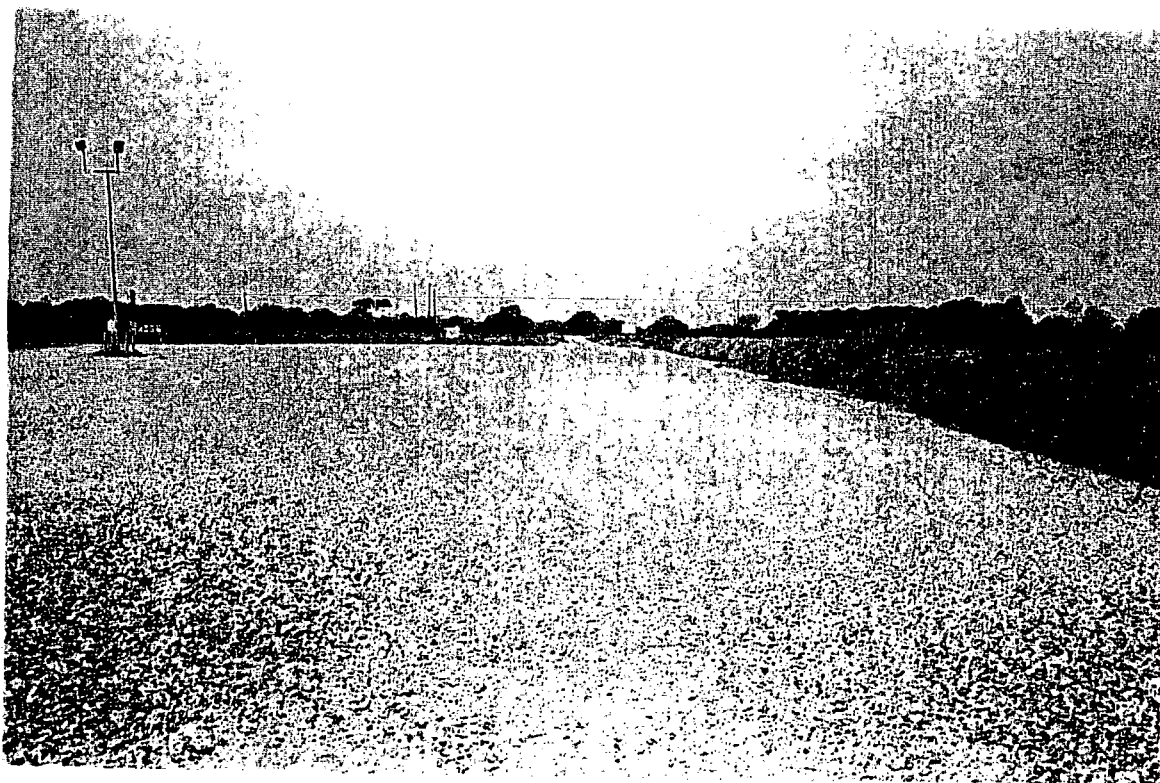


Figure 2-8. View inside entrance to Willis Hulin well site.

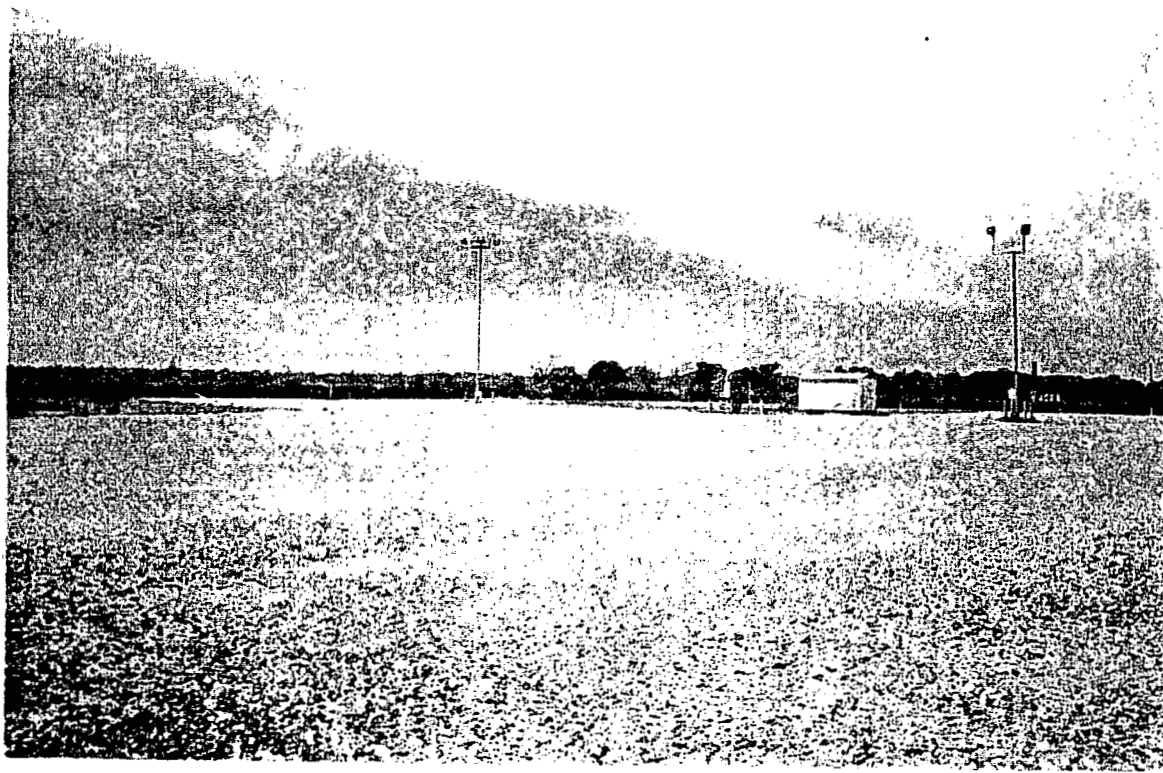


Figure 2-9. View inside south side of Willis Hulin well site.



Figure 2-10. View of south side of Willis Hulin well site.



Figure 2-11. View inside east end of Willis Hulin well site.

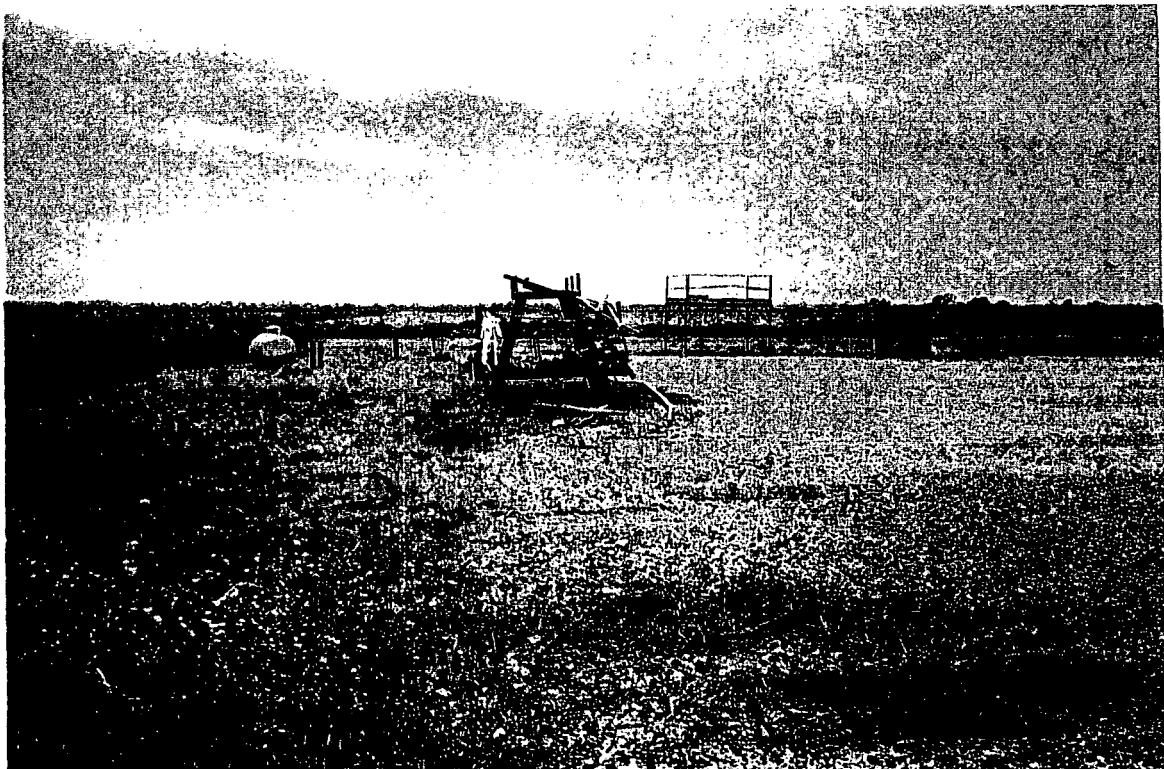


Figure 2-12. View of east end of Willis Hulin well site.

EXHIBIT 2-A

**United States Department of Energy
Idaho Operations Office**

Inspection and Project Transfer

Inspection Group Approval

Transfer Approval



ID F-8400.A3 (Rev. 03-83)
Ref. ID: 8400.A2

UNITED STATES DEPARTMENT OF ENERGY
IDAHO OPERATIONS OFFICE

INSPECTION & PROJECT TRANSFER
FINAL

Final No.: _____

Date: _____

PROJECT TITLE: Willis-Hulin Well Site Remediation
(Sub)Contract Title

On this date an inspection was made of the following project: Willis-Hulin Well Site Remediation Project

as constructed by Central Industries, Inc.
(name of (Sub)contractor)

under the terms of C93-160681
(Sub)Contract No.

The project was found by the Inspection Group (Signatures as shown below) to be complete in accordance with the contractual documents except for such exceptions specifically noted below.

Exceptions:*

Comments:*

INSPECTION GROUP APPROVAL

Representative, Inspection
Operating Contractor

Project Representative,
Operating Contractor

Field Superintendent,
(Sub)contractor

N/A

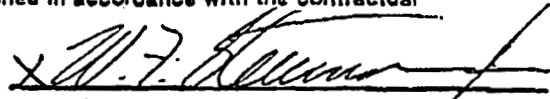
Construction Engineer,
Construction Manager

TRANSFER APPROVAL

CONSTRUCTION (SUB)CONTRACTOR:

I certify on behalf of Central Industries, Inc.

subject to the penalties provided under 18 U.S.C., Section 1001, that our personnel have accomplished the contract work and, to the best of my knowledge, the work was performed or accomplished in accordance with the contractual documents, including all approved changes.


(Sub)contractor Authorized Representative

CONSTRUCTION MANAGER:

I certify on behalf of EG&G Idaho, Inc.

that the administration of the contract for the above named project is, to the best of my knowledge, complete to the extent required for this Project Transfer and/or close out of the contract.


Subcontract Administrator

I certify that the above named project has been completed in accordance with the plans and technical specifications, including all approved changes.


Site Manager

OPERATING CONTRACTOR:

I certify on behalf of EG&G Idaho, Inc.

that our personnel have monitored the design, fabrication and construction of the project and to the best of my knowledge, the work has been completed in accordance with the plans and technical specifications, including all approved changes.



Project Manager (Rep)

The project is hereby accepted for the Government. From the above date on 5/18/94 acting under the applicable terms of its Contract with the United States of America represented by the Department of Energy (DOE) accepts total responsibility for the maintenance and custody of the project.


Operations Manager (Rep)

U.S. DEPARTMENT OF ENERGY:

The project is hereby accepted under the conditions and with the exceptions stated above.


Engineering and Construction
Management Division, Director

DISTRIBUTION: Signatories, plus:

DOE-ID Director, (Responsible) Program Div. (3)
DOE-ID Chief Counsel
DOE-ID Director, E&CM Division
DOE-ID Director, Contracts Management Div. (2)
DOE-ID Industrial Relations
DOE-ID Field Representative
DOE-ID Physical Security Branch
(Sub)Contractor(5)

TOTAL P.05

3. PLUGGING OF WATER WELLS

3.1 Identification

The water wells associated with the Gladys McCall well site consist of five monitor wells and one freshwater well. Figure 1-3 shows the approximate location of the water wells that were plugged. The water wells associated with the Willis Hulin well site consist of four monitor wells and two freshwater wells. It was also requested that one of the freshwater wells (outside of fence by entrance road) be left for future use and, therefore, was not plugged. Figure 1-4 shows the approximate location of the Hulin well site water wells that were plugged.

3.2 Description

3.2.1 Gladys McCall Well Site

GMGW No. 1

- Location: Crew well at well site
- Depth: 185 ft
- Casing Design: 4-in. steel casing on top, followed by polyvinyl chloride (PVC) casing to the screen
- Screen Depth: 175 to 185 ft
- Production: Groundwater sample via submersible pump set on 1-in. tubing set at approximately 90 ft
- Production Rate: Approximately 55 gpm.

GMGW No. 2

- Location: At well site
- Depth: 650 ft
- Casing Design: 2-in. PVC casing to the screen
- Screen Depth: 650 to 660 ft (screen likely but presence unconfirmed)
- Production: Groundwater sample via surface pump with 3/4-in. tubing at approximately 90 ft
- Production Rate: Approximately 30 gpm.

GMGW No. 3

- Location: Approximately 1/2 mile north of well site on access road

- Depth: 310 ft
- Casing Design: 2-in. PVC casing to the screen (originally completed with 1-in. PVC tubing from screen to surface—1-in. PVC tubing was pulled with bottom joint, approximately 20 ft being left in the well—access to screen likely obstructed)
- Screen Depth: 300 to 310 ft
- Production: Groundwater sample drawn by 2-in. pump or bailing 90 ft
- Production Rate: Approximately 4 to 10 gpm.

GMSW No. 1

- Location: At well site
- Depth: Surface sample
- Production: Sample obtained by grab method.

GMWW No. 2

- Location: Approximately 3/4 mile north of well site, on access road
- Depth: Surface sample
- Production: Sample obtained by grab method.

3.2.2 Willis Hulin Well Site

HUGW No. 1

- Location: At well site
- Depth: 358 ft
- Casing Design: 4-in. PVC casing to 120 ft, then 2-in. PVC tubing to the screen
- Screen Depth: 338 to 358 ft
- Production: Groundwater sample via submersible pump set on 1-in. tubing at approximately 90 ft
- Production Rate: Approximately 35 gpm.

HUGW No. 2—Note: This well was left in place by property owner.

- Location: Crew at well site

- Depth: 285 ft
- Casing Design: 4-in. PVC casing to the screen
- Screen Depth: 260 to 275 ft
- Production: Groundwater sample via submersible pump set on 1-in. tubing at approximately 90 ft
- Production Rate: Approximately 38 gpm.

HUGW No. 3

- Location: Approximately 300 ft west northwest of well site access road
- Depth: 250 to 300 ft (well not registered-depth based on water quality)
- Casing Design: Unknown—2-in. steel casing at surface
- Screen Depth: Estimated between 250 to 300 ft
- Production: Groundwater sample via submersible pump set on 1-in. tubing at approximately 90 ft
- Production Rate: Approximately 20 gpm.

HUGW No. 4

- Location: Approximately 700 ft northeast of HUGW No. 3
- Depth: 250 to 300 ft (well not registered-depth based on water quality)
- Casing Design: Unknown—2-in. steel casing at surface
- Screen Depth: Estimated between 250 to 300 ft
- Production: Groundwater sample via surface pump with 1-in. tubing at approximately 90 ft
- Production Rate: Approximately 20 gpm.

HUSW No. 1

- Location: At well site (obtained from ring levee ditch)
- Depth: Surface water sample
- Production: Sample obtained by grab method.

HUSW No. 2

- Location: Approximately 3/4 mile southeast of well site
- Depth: Surface water sample
- Production: Sample obtained by grab method.

3.3 Well Plugging

All wells were plugged by a certified water well contractor. Well plugging and abandonment was certified by well plugging and abandonment forms (DOTD-GW-2) submitted to the Louisiana Department of Transportation and Development, Water Resources Section; copies of the forms DOTD-GW-2 are shown in Exhibits 3-A and 3-B.

EXHIBIT 3-A

**Louisiana Department of Transportation and Development
Water Resources Section
Water Well Plugging and Abandonment Form DOTD-6W-2
Gladys McCall Well Number 1
Serial Number 174825**

PLEASE PRINT IN
INK OR TYPE
WHEN COMPLETING
THIS FORM

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL PLUGGING AND ABANDONMENT FORM (DOTD-GW-2)

MAIL ORIGINAL TO
Department of
Transportation and Development
Attn: Chief - Water Resources Section
P.O. BOX 94345
Baton Rouge, LA 70804-9345
(504) 386-1434

1. WELL OWNER: (If different from owner when drilled, note in item 5) _____
D.O.R. Engineering
ADDRESS: P.O. Box 51707, Lafayette, LA 70505
OWNERS WELL NUMBER (if any) Gladys McCall #1

2. LOCATION OF WELL: Parish: Cameron, Well is Near, _____
Approximately _____ miles from Hwy. 82, go thru Pecan
(Crossroads, Town, City, Railroad, Any Landmark, etc.)
Island to Grand Chenier to Rockefeller Reserve. Go 3.5 mi.
past Reserve & there is a limestone rd. on your L. with
big Dept. of Energy sign. Turn L. & follow to loc.

3. WELL INFO: Casing material PVC, Diameter of casing 4 in.,
Depth of well 180 ft., Date drilled Unknown by (give name
of water well contractor who installed well or hole): Unknown

4. Describe in detail how well or hole was plugged: (materials used, amount of casing
and/or screen removed, or left in hole, etc.)
Recovered nothing. Circulated cement from
180' to 3'. Used 9 sks. of cement plus 8%
gel.

5. REMARKS: SERIAL # 174825

I certify that this work was done and completed in accordance with Rules and Regulations of
the State on 1/10, 19 94 by (name and no. of
contractor) Guichard Drilling Co. WWC 190
Authorized Signature: Shirley Hodge Date: _____

State	Parish	Local Well No.	Identification Number	OFFICE USE ONLY	Section	Township	Range	Quad. No.
<u>22</u>	<u> </u>	<u>- </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

(REV. 6/92) DOTD'S COPY

DNV BUSINESS FORMS, INC. • 8906 LYNWOOD • 70006 • 504-833-1212 • FAX 504-833-1213

EXHIBIT 3-B

**Louisiana Department of Transportation and Development
Water Resources Section
Water Well Plugging and Abandonment Form DOTD-6W-2
Willis Hulin Well Number 1
Serial Number 158468**

PLEASE PRINT IN
INK OR TYPE
WHEN COMPLETING
THIS FORM

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
WATER RESOURCES SECTION
WATER WELL PLUGGING AND ABANDONMENT FORM (DOTD-GW-2)

MAIL ORIGINAL TO
Department of
Transportation and Development
Attn: Chief - Water Resources Section
P.O. BOX 94219
Baton Rouge, LA 70804-9219
(504) 379-1030

1. WELL OWNER: (If different from owner when drilled, note in Item 5) E.G. & G. Idaho, Inc.
ADDRESS: P.O. Box 1625, Idaho Falls, Idaho 83415
OWNERS WELL NUMBER (if any) Hulin #1
2. LOCATION OF WELL: Parish: Vermilion, Well is Near, Boston
Approximately _____ miles from Go to Erath, take Hwy. 685
(Crossroads, Town, City, Railroad, Any Landmark, etc.)
going S., go to 1st stop sign (inters. of Hwy. 685 & 330)
cont. S. cross Hwy. 330 & go to next stop sign, turn R.
go 100' to lease road with a gate
(Please draw sketch on back of Original)
3. WELL INFORMATION: Depth of hole, 80 ft. Diameter of casing 4 in.
Depth of completed well, 80 ft. Date completed N/A by (Give name
of water well contractor who installed well or hole): N/A

4. Describe in detail how well or hole was plugged: (materials used, amount of casing
and/or screen removed, or left in hole, etc.)
Recovered nothing. Circulated cement from
80' to 3'. Used 4 sks. of cement plus 8%
gel.

5. REMARKS: SERIAL #158468

I certify that this work was done and completed in accordance with Rules and Regulations of
the State on 3/31, 19 94 by (name and no. of
contractor) Guichard Drilling Co. wwc 190
Authorized Signature: _____ Date: _____

State	Parish	Local Well No.	Identification Number	OFFICE USE ONLY	Section	Township	Range	Quad. No.
<div>22</div>	<div></div>	<div>-</div>	<div></div>	<div>0</div>	<div></div>	<div></div>	<div></div>	<div></div>

CONTRACTOR'S COPY

(REV 11/85)

3-B

Exhibit 3-B

4. SOIL AND WATER SAMPLING AND ANALYSIS

4.1 General

The soil and water sampling program consisted of retrieving a water sample from each of the Gladys McCall and Willis Hulin water wells to be plugged and retrieving soil samples in and around the well pad areas.

4.2 Water Samples

4.2.1 Protocol

The method of sampling the water wells was to use a new boiler/sample tube for each well. A volume of twice the wellbore volume was bailed and then a single sample taken from each well. The sample was tagged and recorded on the Chain of Custody form.

4.2.2 Analysis

Four water samples were obtained and analyzed. All water samples were tested for metals and chloride concentration using Environmental Protection Agency (EPA) methods EPA/200.7 and SM17 4500-C1 B. All readings were below regulatory limits.

4.3 Soil Samples

4.3.1 Protocol

In order to increase the area of investigation, composite samples were obtained by taking three separate soil portions on a grid pattern laid over the two well pad areas. A total of 10 complete soil samples were obtained: five from a depth of 6 in. and five from a depth of 18 in. show the grid sampling method in Exhibits 5-H and 5-I .

4.3.2 Analysis

All soil samples were tested for toxicity characterization leaching procedure (TCLP) metals. Additionally, soil sample No. 4 was also tested for pentachlorophenol (PCP). This sample was retrieved from under the center of the test well pad, which would best characterize any contamination from the location board mats. Test methods include Method 1311 and EPA test methods for evaluating waste.

Based on the parameters tested, the samples did not exceed the EPA regulatory threshold for Resource Conservation and Recovery Act (RCRA) characteristics and TCLP toxicity characteristics.

5. NORM SURVEY

5.1 General

A survey for naturally occurring radioactive material (NORM) was performed at Gladys McCall and Willis Hulin well sites. NORM was found at the Gladys McCall site, thus cleanup was performed.

5.2 Protocol for Survey

The method used to perform the NORM survey was to lay out a 20- by 20-ft grid over the well pad areas for the test well pad and the injection well pad. Meter readings were taken at each point on the grids and recorded. A control point reading was also taken 20 ft outside the area of investigation. A Ludlum Model 19 Micro R Meter was used to perform the survey, as indicated in Exhibit 5-D.

5.3 Results of Survey

Exhibits 5-H and 5-I show the grid maps of the test well and injection well pads with readings obtained from the survey. All readings taken were under regulatory threshold limits at the Willis Hulin site and above limits prior to cleanup at the Gladys McCall site.

Exhibits in this section include the following:

- Exhibit 5-A—Turnkey Bid for Gladys McCall Well
- Exhibit 5-B—Louisiana Radioactive Material License
- Exhibit 5-C—Contractor Safety Data
- Exhibit 5-D—Petroleum Environmental, Inc. (Letter and Survey Plots)
- Exhibit 5-E—State of Louisiana Department of Natural Resources (Letters)
- Exhibit 5-F—State of Louisiana Department of Natural Resources (Two Letters)
- Exhibit 5-G—State of Washington Department of Ecology (N.A.R.M. Site Use Permit)
- Exhibit 5-H—Source Environmental Services, Inc. (Gladys McCall Letter, Map, and Release Survey)
- Exhibit 5-I—Source Environmental Services, Inc. (Willis Hulin Confirmatory Survey)

5-A — Turnkey Bid for Gladys McCall Well

TURNKEY BID FOR NORM DECONTAMINATION OF THE
GLADYS McCALL LOCATION
BID MATRIX
IFB-GM-93-5-26

BID
AS STATED

GLADYS McCALL LOCATION

<u>ITEM NO.</u>	<u>LINE ITEM DESCRIPTION</u>	
<u>ITEM NO. 1:</u>	Turnkey bid to provide: all labor, equipment, and materials necessary to decontaminate the 54" x 30' low pressure separator and an approximate twenty (20) foot length of 6" pipe, which makes up the manifold for the site's blow-down tanks, of an estimated volume of 6 to 7 bbls of NORM. Cost to include all transportation, rig-up/rig down and decontamination time for bidder's and bidder's subcontractors' (if any) equipment.	<u>\$13,512.⁰⁰</u>
<u>ITEM NO. 2:</u>	Amount of time bidder estimates to complete this job	<u>3</u> /DAYS

Bidder's (Company's) Name PETROLEUM ENVIRONMENTAL, INC

Signature of Authorized Company Representative [Signature]

Date: June 3, 1993

5-B — Louisiana Radioactive Material License

DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF AIR QUALITY AND NUCLEAR ENERGY

RADIOACTIVE



MATERIAL LICENSE

RADIATION PROTECTION DIVISION
P.O. BOX 82135
BATON ROUGE, LOUISIANA 70884-2135

Pursuant to the Louisiana Environmental Quality Act (West's LSA-R.S. 30:1051 et seq.) and the Louisiana Radiation Regulations, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess and transfer radioactive material for the purpose(s) and at the place(s) designated below. This license shall be deemed to contain the conditions specified in West's LSA R.S. 30:1105 of the Louisiana Nuclear Energy and Radiation Control Law, and is subject to all applicable rules, regulations and orders of the Louisiana Nuclear Energy Division now or hereinafter in effect, including the Louisiana Radiation Regulations, and to any condition specified in the license.

LICENSEE		LICENSE NUMBER	EXPIRATION DATE
Petroleum Environmental, Inc. Post Office Box 43 Metairie, Louisiana 70004		LA-6428-L01	September 30, 1993
Attention: Charles Reindl Radiation Safety Officer		AMENDMENT NUMBER <input checked="" type="checkbox"/> INITIAL LICENSE	Previous Amendments Are Void
		THIS LICENSE ISSUED PURSUANT TO AND IN ACCORDANCE WITH	
		<input checked="" type="checkbox"/> Application <input type="checkbox"/> Letter <input type="checkbox"/> Telegram <input type="checkbox"/> _____ SIGNED: Joseph Esnard April 4, 1991	

RADIOISOTOPE	MAXIMUM NUMBER OF SOURCES	MAXIMUM ACTIVITY OR QUANTITY PER SOURCE	SEALED SOURCE IDENTIFICATION	STORAGE CONTAINER OR EXPOSURE DEVICE	AUTHORIZED USE
ELEMENT	MASS NO.		CHEMICAL FORM--PHYSICAL STATE		
Ra 226/228	Total	As Needed	Any Chemical Form in Radioactive Material from Oil/Gas Drilling Production and Related Activities		Decontamination and Maintenance of Vessels

- Radioactive material shall be used only at temporary jobsites of the licensee in and offshore Louisiana.
 - Prior to operation at temporary jobsites, the licensee shall comply with applicable provisions of other regulations of the Department of Environmental Quality, and obtain all applicable state and local permits.
 - The Division shall be notified and shall approve each temporary location in writing prior to start-up of cleaning activities at each location.
- Radioactive material shall be handled by individuals who have received training in safe handling of radioactive materials which has been approved by the Division, and who have been designated by Charles Reindl.
- Pursuant to Sections 104 and 442 of Volume 15 of Title 33 of the Louisiana Administrative Code (LAC 33:XV), records of receipt, transfer, and disposal of NORM-contaminated material shall be maintained for five years for inspection by the Division.

* μ CI--Microcurie; mCI--Millicurie; CI--Curie

11-1 A M.A.

Mike D. McDaniel, Ph.D.

DATE September 30, 1991 PAGE 1 OF 1

DEPARTMENT OF NATURAL RESOURCES
OFFICE OF ENVIRONMENTAL AFFAIRS
LOUISIANA NUCLEAR ENERGY DIVISION
BATON ROUGE, LOUISIANA

LICENSEE Petroleum Environmental, Inc.			LICENSE NUMBER LA-6428-L01		AMENDMENT NO. <input checked="" type="checkbox"/> INITIAL LICENSE		EXPIRATION DATE September 30, 1993	
RADIOISOTOPE <small>ELEMENT MASS NO.</small>		MAXIMUM NUMBER OF SOURCES	MAXIMUM ACTIVITY* OR QUANTITY PER SOURCE	SEALED SOURCE IDENTIFICATION <small>CHEMICAL FORM—PHYSICAL STATE</small>		STORAGE CONTAINER OR EXPOSURE DEVICE		AUTHORIZED USE

4. Each container holding NORM-contaminated waste must be permanently marked pursuant to Section 422.F.2. of the Louisiana Administrative Code (LAC 33:XV) with an identification number traceable to records documenting the original source of the contents.

5. A quarterly report of job activities shall be submitted to the Division which includes customer name, jobsite location and dates, amount of waste generated, and date the waste was transferred. Such reports shall be submitted to the Division no later than 30 days after the end of each calendar quarter.

6. Contamination surveys shall be performed at each temporary location at the beginning and conclusion of every job. Survey records shall be maintained for inspection by the Division.

7. Transfer shall only be to persons specifically licensed to receive such material, or to persons generally licensed under Section 1410 of LAC 33:XV.

8. Except as specifically provided otherwise by this license or LAC 33:XV, the licensee shall possess and use radioactive material in the schedule of this license in accordance with statements, representations, and procedures contained in the licensee's application dated April 4, 1991, and in all subsequent correspondence.

RPB:sd

* μ Ci—Microcurie; mCi—Millicurie; Ci—Curie

PAGE 1 SIGNED BY:	Mike D. McDaniel, Ph.D. Assistant Secretary	DATE	September 30, 1991	PAGE	2	OF	2	PAGES
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5-C — Contractor Safety Data

CONTRACTOR SAFETY DATA

COMPANY <i>Platinum Environmental Inc</i>	STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE <i>441950</i>		
1990	1991	1992	1993
YOUR COMPANY'S EXPERIENCE MODIFICATION RATE (EMR)* FOR THE LAST THREE YEARS <i>NONE</i>	<i>NONE</i>	<i>NONE</i>	<i>NONE</i>

THE EXPERIENCE MODIFICATION RATE INFORMATION MAY BE OBTAINED FROM THE COMPANY WHICH FURNISHES YOUR WORKMEN'S COMPENSATION SURANCE.

PLEASE PROVIDE THE FOLLOWING INFORMATION	1990	1991	1992	1993 YTD
NUMBER OF OSHA RECORDABLE ACCIDENTS**	<i>NONE</i>	<i>NONE</i>	<i>NONE</i>	<i>NONE</i>
NUMBER OF LOST TIME INJURIES	<i>NONE</i>	<i>NONE</i>	<i>NONE</i>	<i>NONE</i>
NUMBER OF FATALITIES	<i>NONE</i>	<i>NONE</i>	<i>NONE</i>	<i>NONE</i>
TOTAL HOURS WORKED	<i>34100</i>	<i>25,025</i>	<i>25,200</i>	<i>44,300</i>

* OSHA RECORDABLE ACCIDENTS INCLUDE ALL FATALITIES AND ALL WORK-RELATED INJURIES REQUIRING MEDICAL TREATMENT (OTHER THAN FIRST AID) OR INVOLVING LOST WORK DAYS, RESTRICTION OF ACTIVITY OR LOSS OF CONSCIOUSNESS.

PLEASE ATTACH A COPY OF YOUR OSHA 200 LOG & SUMMARY OF OCCUPATIONAL INJURIES AND ILLNESSES FOR CALENDAR YEAR 19

DO YOU USE SUBCONTRACTORS? <i>Edwin O'Neil</i> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	IF SO, ARE PLANT DATA FOR SUBCONTRACTORS INCLUDED IN THE INFORMATION PROVIDED ABOVE? <i>N/A</i> <input type="checkbox"/> YES <input type="checkbox"/> NO	DO YOU HAVE A WRITTEN SAFETY PROGRAM FOR YOUR EMPLOYEES? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
DO YOU HAVE A SAFETY ORIENTATION FOR NEW EMPLOYEES? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	DO YOU CONDUCT REGULAR SAFETY MEETINGS FOR EMPLOYEES? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	IF SO, HOW FREQUENTLY? <i>Daily on jobs</i>
DO YOU REQUIRE EMPLOYEES TO WEAR APPROPRIATE SAFETY GEAR AT ALL TIMES? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	DO YOU CONDUCT JOB SAFETY INSPECTIONS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	IF SO, HOW FREQUENTLY AND BY WHOM? <i>Daily as required on jobs</i>

SUBMITTED BY	NAME <i>Carl E. Hildner</i>	TITLE <i>Sec. Treas</i>
	DATE <i>6/3/93</i>	TELEPHONE NUMBER <i>(504) 733-3316</i>

**5-D — Petroleum Environmental, Inc.
(Letter and Survey Plots)**

PETROLEUM ENVIRONMENTAL, INC.

P. O. BOX 43

METAIRIE, LOUISIANA 70004

(504) 733-3316

E. G. & G. IDAHO, INC.
P. O. Box 1625
Idaho Falls, Idaho 83415

Attention: Mr. Ben Rinehart

Subject: "NORM" survey of the glady'S MC CALL SITE

Survey of the Low Pressure Seperator showed that the insoluble solids inside the seperator from the man way hatch through out the lenght of the seperator had readings as follows:

Vessel Manway	Feet From Manway	Scintillation counter Reading
	0	90 M/R
	3'	90 M/R
	6'	100 M/R
	9'	150 M/R
	12'	200 M/R
	15'	300 M/R
	18'	350 M/R
	21'	400 M/R
	24'	600 M/R
	27'	900 M/R

The scintillation dector used is a Ludlum Model 19 that was last calibrated 6/13/93.

The land inside the Ring Levee was tested as well as the Ring Levee and land outside of Ring Levee. As drawing (enclosed) will show the Hot Spots that were found throughout the location. Location was surveyed by using the 10' x 10' grid method.

P.E.I. also surveyed and tested the land which the Glady's Mc Cal Site is located using the 10' x 10' Grid Method for area and the Ludlum Model 19 for "Norm" Dector. The area tested included the land inside the Ring Levee, the Ring Levee and the land outside of the Ring Levee. Twelve "HOT SPOTS" were detected. (see diagram)

After the "Norm" Contaminated solids were removed by shovels and a backhoe and placed into 15 17 H DOT approved drums and labled "NORM" and their readings:

DRUM

#1) 130 M/R	6) 170 M/R	11) 30 M/R
2) 600 M/R	7) 120 M/R	12) 600 M/R
3) 250 M/R	8) 700 M/R	13) 60 M/R
4) 400 M/R	9) 900 M/R	14) 85 M/R
5) 300 M/R	10) 75 M/R	15) 50 M/R

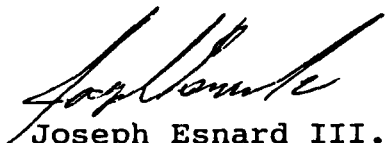
Drums 16 thru 20 were marked empty 0 M/R. All drums left at the site. Disposal to be handled by the generator.

After separator was cleaned and removed and the site leaned, P. E. I. took another 10 feet x 10 feet grid sample using a Ludlum Model 19 detector and surveyed for Hot Spots.

The normal background readings of site and surrounding area was between 3 and 5 M/R. All 12 HOT SPOTS were reduced to less than or equal to the area's background.

All sampling and closure of the Gladys McCall Well Site was done in accordance with the State of Louisiana Rules and Regulations - 29B.

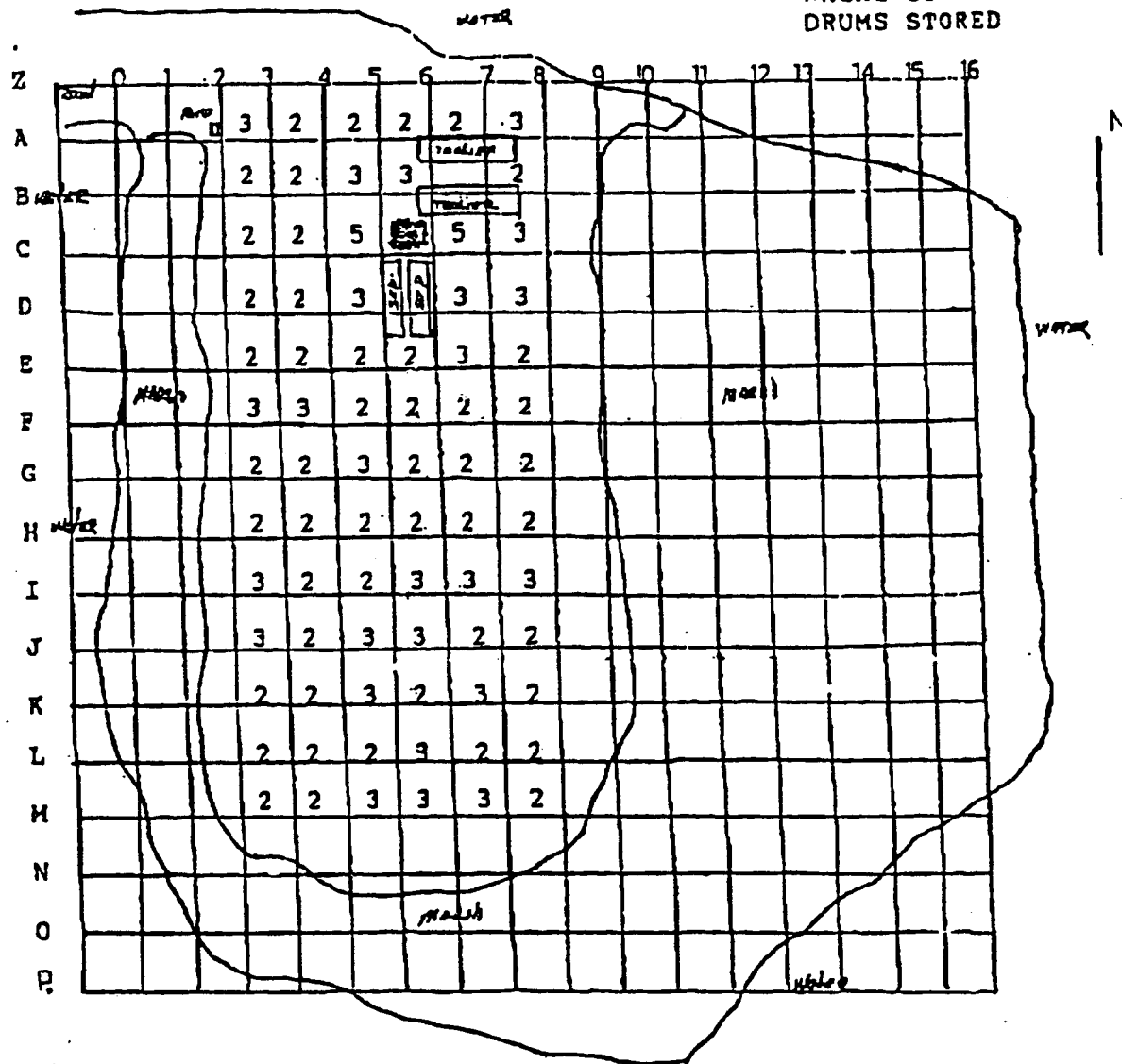
Regards,



Joseph Esnard III.
President
PETROLEUM ENVIRONMENTAL, INC.

CLIENT; E.G.&G.
 LOCATION: GLADYS MCCALL SWD WELL

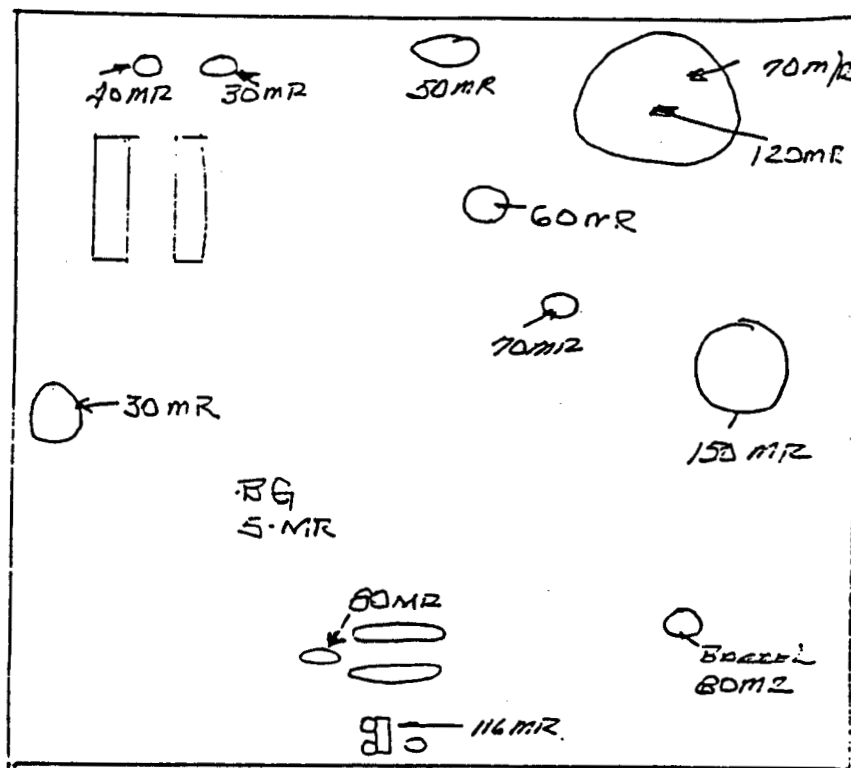
DATE: 12/23/93
 REMARKS: SHADED AREA
 WHERE CONTAMINATED
 DRUMS STORED



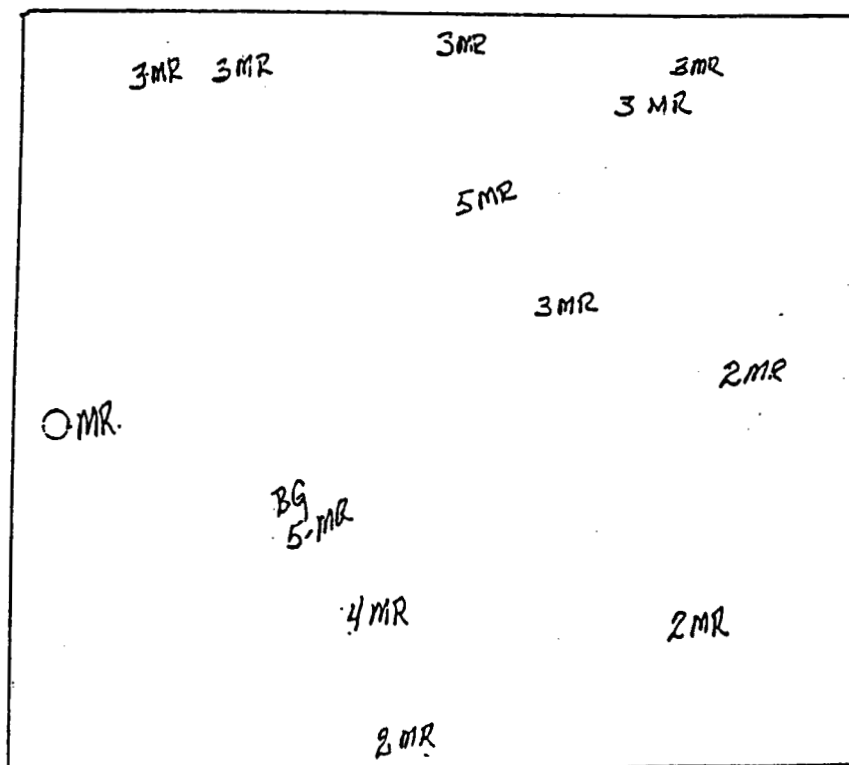
SURVEYOR: JOSEPH ESNARD 111
 DATE: 12/23/93

INSTRUMENT TYPE:
 LUDLUM MODEL 19
 SERIAL # 98094 CAL6/1793

PRELIMINARY SURVEY
DRAWING #1



FINAL SURVEY
DRAWING #2



**5-E — State of Louisiana
Department of Environmental Quality
(Fax Cover and Letter)**



State of Louisiana
Department of Environmental Quality
Radiation Protection Division
NORM Section



COVER SHEET

Transmittal Date: 10-20-93

TO:

Mr. Ben Linhart

(Person - Company/Department)

FAX Telephone # (207) 526-0964

Telephone # (207) 526-1347

FROM:

Guy A. Mingo

Louisiana Radiation Protection Division
Department of Environmental Quality
P.O. Box 82135
Baton Rouge, Louisiana 70884-2135

or

Radiation Protection Division
7290 Bluebonnet Road
Baton Rouge, Louisiana 70810

Fax Telephone # (504) 765-0220
Business Telephone # (504) 765-0160
Radon Toll-Free Hot-line # (800) 256-2491

TRANSMISSION INCLUDES THIS COVER SHEET PLUS THE FOLLOWING ____ PAGE(S).
SPECIAL INSTRUCTIONS (if any):

Operator: _____

LOUISIANA RADIATION PROTECTION DIVISION 7290 BLUEBONNET ROAD / P.O. BOX 82135 BATON ROUGE, LOUISIANA 70884-2135



State of Louisiana
Department of Environmental Quality



Edwin W. Edwards
Governor

October 5, 1993

Kal David Midboe
Secretary

Mr. Ben N. Rinehart, Manager - Procurement and Contracts
Dept. of Energy/EG&G Idaho, Inc.
P. O. Box 1625
Idaho Falls, Idaho 83415

Dear Mr. Rinehart:

This is in response to a previous Department of Energy/Eaton Operating Company correspondence dated November 16, 1992 and your recent request as Department of Energy/EG&G Idaho, Inc. dated July 30, 1993 relative to the disposal of NORM waste in a plugged and abandoned wellbore.

Pursuant to your request, authorization is hereby granted for the disposal of NORM waste to be slurried and pumped inside the cased wellbore of the Gladys McCall SWD No. 1 well, serial number 159587, of Section 27, Township 15 South, Range 5 West, Crab Lake Field, located in Cameron Parish, Louisiana. The Department understands that this well is to be plugged and abandoned and authorization will be granted for activities to begin on date of this letter and to be completed on or about December 31, 1993. Such disposal shall be conducted in accordance with the mechanical procedures described in your correspondence and approved by the Office of Conservation (UIC-30/Work Permit No. 011607, dated November 16, 1992 and July 30, 1993) and the health physics procedures submitted by Petroleum Environmental, Inc. to the Radiation Protection Division on September 30, 1991.

Prior to conducting such operations, verbal notification to the Radiation Protection Division is requested, and a report of these activities shall be submitted to the Division upon completion. This report should include information such as the location of the well, Office of Conservation serial number, details of the disposal, and the date of completion. It is further suggested that a copy of this information be furnished to the Office of Conservation District Manager having oversight of the well in question.

This authorization does not extend to the encapsulation of fluids used to clean radioactive scale from tubing or other types of radioactive liquids. This is a matter for separate consideration.

If you have any questions regarding this authorization, or if the Division may be of any additional assistance in this matter, please contact this office.

Sincerely,

Gus Von Bodungen
Gus Von Bodungen, P. E.
Assistant Secretary

GVB:gam

OFFICE OF AIR QUALITY

RADIATION PROTECTION DIVISION

P.O. BOX 82135

BATON ROUGE, LOUISIANA 70884-2135

TELEPHONE (504) 765-0160

FAX (504) 765-0220

AN EQUAL OPPORTUNITY EMPLOYER



recycled paper



TOTAL P.02

**5-F — State of Louisiana
Department of Natural Resources
(Two Letters)**



EDWIN W. EDWARDS
GOVERNOR

JOHN F. ALES
SECRETARY

H. W. THOMPSON
COMMISSIONER AND
ASSISTANT SECRETARY

DEPARTMENT OF NATURAL RESOURCES

July 30, 1993

Ben N. Rinehart
DOE/EG&G Idaho, Inc.
P. O. Box 1625
Idaho Falls, Idaho 83415

Ref: I & M Application No. 011607
Gladys McCall SWD No. 1
Serial No. 159587
Section 27, Township 15 South, Range 5 West
Crab Lake Field, Cameron Parish

Dear Mr. Rinehart:

The above referenced approved work permit issued to DOE/Eaton Operating Company, Inc., will be accepted by this Office as an approved work permit for your company to perform the P&A of the well for NORM disposal.

Should you have any questions regarding this matter, please contact Mr. Ed Buford of this Office at (504) 342-5515.

Very truly yours,

H. W. THOMPSON, COMMISSIONER
OFFICE OF CONSERVATION

JAMES H. WELSH, DIRECTOR
INJECTION AND MINING DIVISION
HWT:JHW:EB

OFFICE OF CONSERVATION P.O. BOX 94275 BATON ROUGE, LOUISIANA 70804-9275 PHONE: (504) 342-5540

AN EQUAL OPPORTUNITY EMPLOYER



EDWIN W. EDWARDS
GOVERNOR

JOHN F. ALES
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

H. W. THOMPSON
COMMISSIONER AND
ASSISTANT SECRETARY

November 16, 1992

DOE/Eaton Operating Company, Inc.
1240 Blalock, Suite 100
Houston, Texas 77055

Attention: Doug Graham

Re: Form UIC-30/Work Permit No. 011607
Gladys McCall SWD No. 1
Serial No. 159587
Section 27, Township 15 South, Range 5 West
Crab Lake Field, Cameron Parish, La.

Dear Mr. Graham:

The attached Form UIC-30 has been approved for the disposal of NORM during plugging and abandonment (P&A) of the above-referenced well. You are required to contact Mr. Carroll Wascom at 504/342-5515 at least 48 hours before initiating P&A procedures in order for the appropriate inspector to be informed.

An original and two copies of the attached Form P&A must be submitted to the Injection and Mining Division within twenty (20) days of completion of the work. You are required to indicate in the REMARKS section of the form the types (solids, tubing, equipment, etc.), volumes (bbls) and locations (top and bottom depths) of NORM placed in the well.

If you have any questions, please contact Mr. Wascom at 504/342-5515.

Yours very truly,

H. W. Thompson, Commissioner
Office of Conservation

James H. Welsh
James H. Welsh, Director
Injection and Mining Division

CDW:mk

cc: Chris Simms, DEQ

OFFICE OF CONSERVATION P.O. BOX 94275 BATON ROUGE, LOUISIANA 70804-9275 PHONE: (504) 342-5540

AN EQUAL OPPORTUNITY EMPLOYER

TOTAL P.03

Office of Conservation
Injection and Mining Division
VIC APPLICATION NO. 0111202

Well Serial No. 159587 Work Permit No. A-C
Approximate Date Work To Begin (MM-DD-YY) First half 1993 (dependent on DOE funding)
Well Name & No. DOE/EOC Gladys McCall SWDW No. 1 Sec. 27 Twp. 15S Rge. 5W
Operator DOE/Eaton Operating Co., Inc. Code 0814 Phone (713) 465-8700
Field Crab Lake Parish Cameron
Total Depth 3,514' PBTD Condition of well Shut-in
Pacified Interval(s) 3,050' to 3,500'

EXISTING CASING PROGRAM				PROPOSED CEMENT PLUGS (2)			
CASING SIZE	HOLE SIZE	DEPTH SET	TOP OF CEMENT (1)	DEPTH OF PLUGS		SACKS CEMENT	HOW PLACED?
				FROM	TO		
urf) 16"	20"	167'	Surface	3,500'	1,800'		Pumping*
od) 10-3/4"	14-3/4"	3,552'	Surface	1,800'	Surf		Pumping*
7" Tbg	10-3/4"	2,015'	N/A				
				(See attached Figures)			

(T) Name source of camera top - CFX, estimated weight, etc.

Q) Provide schematic diagram of well on back of this page.

Depth to Base of Lowermost USDW: 1,016' (<10,000 ppm TDS) Source: Ed Buford/UIC 8/21/92

PROPOSED CAST IRON BRIDGE PLUG SETTING DEPTH: N/A

NORM CONTAMINATED TUBING

POINT OF ORIGIN: None

FORM Tbg to be placed: From To From To
From To From To

Total Footage: Ft Maximum Level: microFt/hr Average Level: microFt/hr

NORM SOLIDS

POINT OF ORIGIN: (1.) Low pressure separator, (2.) Two ft. section of 6" piping manifold.

NORM solids to be placed: From 1,180' To 1,800' Total Volume: 6.5+ DLS +20 bbls of mud.

Average Specific Radium Activity: 1000 pCi/g

Total Radium activity: 800 Microcuries

Proposed Mud-Laden Fluid	9.0	ppg
--------------------------	-----	-----

Vicinity 40 00

Remarks: *Separator solids, containing NORM, to be pumped into tubing, carried by mud with solids in suspension, to be isolated with cement (above & below) / /

Permit Requested By Doug Graham

Typed

Signature

Date:

5/3/82

Form Approved By _____ Date _____

Form UIC-30

(ovvi)

7192

**5-G — State of Washington Department of Ecology
(N.A.R.M. Site Use Permit)**

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY



N.A.R.M.* SITE USE PERMIT
for Commercial Low-Level Radioactive Waste Disposal Site

N4056

2/28/95

PERMIT NUMBER: _____

EXPIRATION DATE: _____

Registrant: U.S.D.O.E. (IDAHO OP'NS OFC)
MS 1126
850 ENERGY DRIVE
IDAHO FALLS ID 83401-156

The person or firm to whom this certificate is issued must comply with applicable federal and state regulations related to the safe management of radioactive waste

* (Naturally Occurring and Accelerator Produced Radioactive Material)

Permit Does Not Imply Approval

**5-H — Source Environmental Services, Inc.
(Gladys McCall Letter, Map, and Release Survey)**



SOURCE ENVIRONMENTAL SERVICES, INC.

P. O. BOX 51643
LAFAYETTE, LOUISIANA 70505

PH. (318) 237-4531
FAX (318) 235-1561

April 14, 1994

Ms. Karen Fisher-Brasher
Department of Environmental Quality
Radiation Protection Division
N.O.R.M. Section
P. O. Box 82135
Baton Rouge, LA 70884-2135

RE: Department of Energy/Gladys McCall SWD#1
General License #0812N01/Serial #N159587
Crab Lake Field, Cameron Parish, Louisiana

Dear Karen:

On behalf of our client, the Department of Energy, we would like to request that the Gladys McCall well site be released for unrestricted use. All N.O.R.M. contaminated materials have been removed from the location, which would render it safe to human health and the environment.

The confirmatory survey performed by Source, showing no readings above twice background, is attached along with directions to the jobsite. Source would like to accompany your representative to the jobsite for its inspection tour if you would advise us when to schedule this meeting.

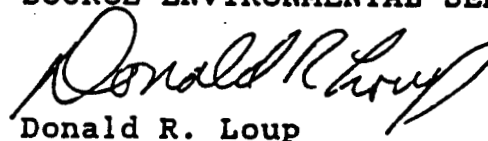
I hereby certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my personal inquiry of those individuals immediately responsible for obtaining the information, I hereby represent in writing that

Department of Environmental Quality
April 14, 1994
Page Two

the information contained herein is true, accurate and complete to the best of knowledge, information and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment or both.

Sincerely yours,

SOURCE ENVIRONMENTAL SERVICES, INC.

A handwritten signature in dark ink, appearing to read "Donald R. Loup", is written over the typed name.

Donald R. Loup

DRL:jsb

Enclosures

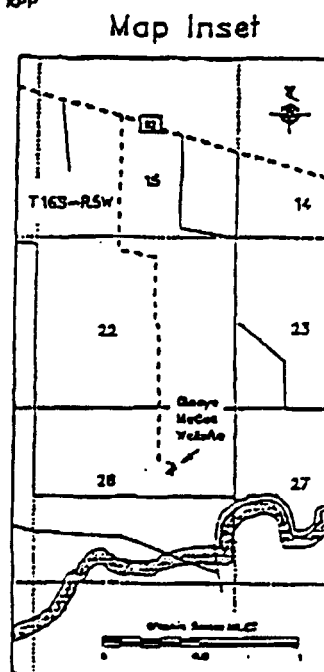


Exhibit 5-H



Source Environmental Services, Inc.

COPY
Don

Site Survey

CLIENT: D.O.E.

DATE: 23 March 1994

LOCATION: Gladys McCall SWD NO. 1

REMARKS: Release Survey



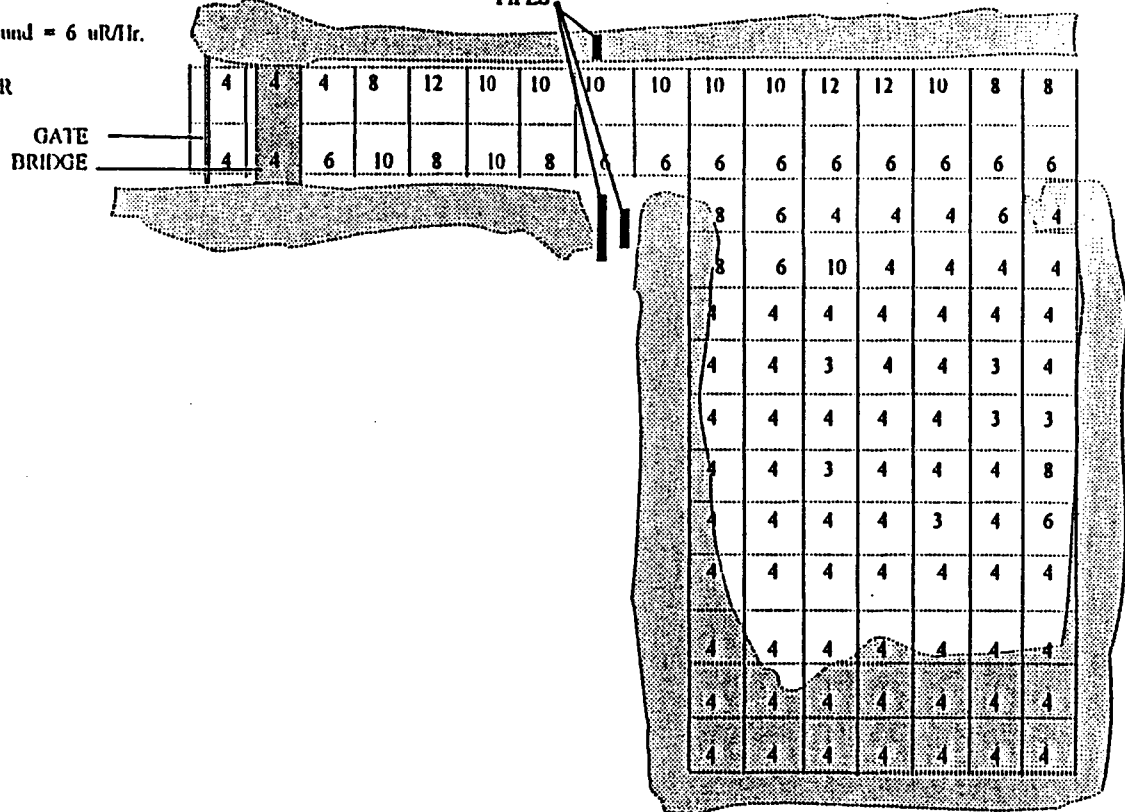
Natural Background = 6 uR/hr.



= WATER

GATE
BRIDGE

PIPES



SURVEYOR: David Baudoin

TITLE: R. S. O. / Surveyor

DATE: 23 MARCH 1994

TIME: 1130 Hrs.

INST. TYPE: Ludlum 3

SERIAL #: 99393

CAL. DUE DATE: 6-10-94

's are in uR/hr



= appx. 10m x 10m

SIGNATURE _____

**5-1 — Source Environmental Services, Inc.
(Willis Hulin Confirmatory Survey)**

Source Environmental Services, Inc.

Site Survey

CLIENT: D.O.E. DATE: 5 May 1994
 LOCATION: Jewitt Hulin, Erath, La. REMARKS: Confirmatory Survey

Natural Background = 8 uR/Hr.



x1 - Soil Sample Location : Devoid of vegetation
 0"-6" - Light tan clay
 6"-18" - Dark brown clay

x2 - Soil Sample Location : Devoid of vegetation
 0"-18" - Tan/gray clay
 18"-24" - Dark gray/black clay

x3 - Soil Sample Location : Devoid of vegetation
 0"-12" - Light gray clay/dark gray clay
 12"-18" - Light gray clay

x4 - Soil Sample Location : Sparse vegetation
 0"-6" - Light brown clay
 6"-12" - Dark gray sandy clay/black clay
 12"-18" - Light tan clay

x5 - Soil Sample Location : Devoid of vegetation
 0"-6" - Light brown/gray clay
 6"-18" - Dark brown clay/black oily clay
 18"-24" - Light brown clay

A - Swamp /switch and 3" PVC pipe protruding from ground

B - 4" PVC pipe protruding from ground, 23 uR/Hr.

C - (2 locations) Electrical Boxes

D - 6x6 Concrete slab

E - (2 locations) Pipe deck structures

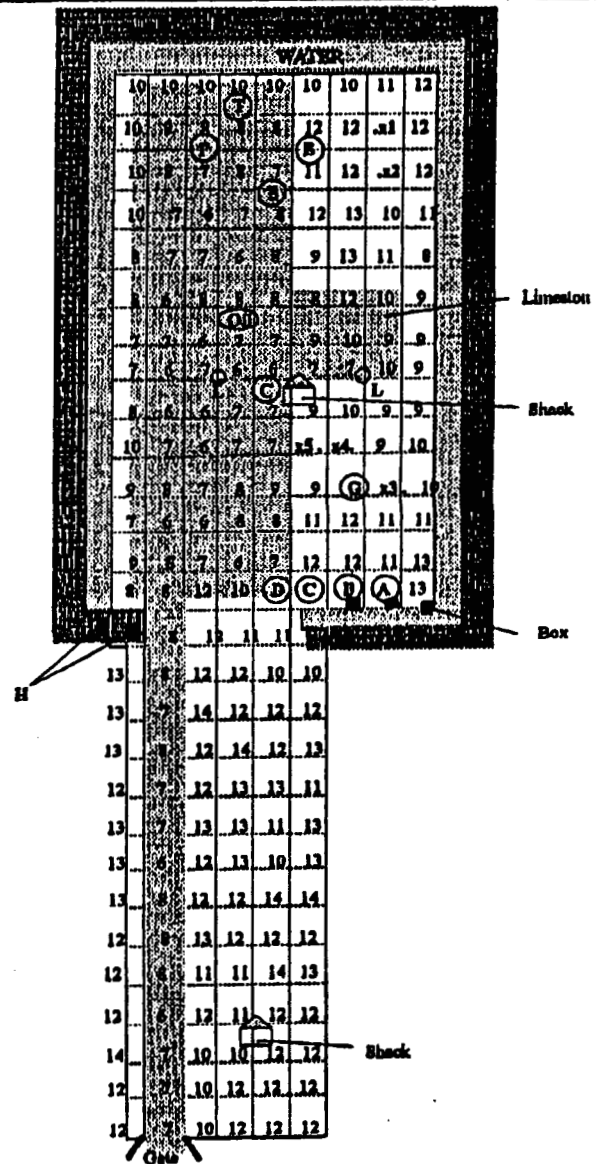
F - Rack of trash pipe, PVC pipe, grating, 10 uR/Hr.

G - Cable warning marker, 8" pipe protruding from ground, 12 uR/Hr.

H - 2 holes in levee, 23 uR/Hr.

L - Light poles (2)

T - Propane tank



SURVEYOR: David Baudoin TITLE: R. S. O. / Surveyor
 DATE: 5 May 1994 TIME: 1800 - 1430 Hrs.
 INST. TYPE: Ludlum 8 SERIAL #: 09398 CAL. DUE DATE: 6-10-94
 # 's are in uR/hr ☐ = appx. 10m x 10m SIGNATURE _____

6. PLUG AND ABANDONMENT OF GEOTHERMAL WELLS

State of Louisiana Department of Conservation Work Permits and Authorizations for the Gladys McCall well site and the Willis Hulin well site are in Exhibits 6-A and 6-B and in Exhibits 6-C and 6-D, respectively.

State of Louisiana Office of Conservation Plug and Abandon Report documents for the Gladys McCall well site are presented in Exhibits 6-E and 6-F. State of Louisiana Office of Conservation Plug and Abandon Report documents for the Willis Hulin well site are presented in Exhibits 6-G and 6-H.

Plug and Abandonment (P&A) Procedures are provided in Exhibits 6-I and 6-J for the Gladys McCall well site and in Exhibits 6-K and 6-L for the Willis Hulin well site. Daily Workover Reports are presented in (a) Exhibit 6-M for the Gladys McCall well site for the period 9-18-93 through 11-19-93 and (b) Exhibit 6-O for the Willis Hulin well site for the period 2-7-94 through 3-17-94. Current Condition of Well documents (with attachments) are presented in Exhibit 6-N for the McCall well site and in Exhibit 6-P for the Hulin well site.

Exhibit 6-Q provides copies of the Turnkey Bids for Independent P&A Operations for the McCall and Hulin well sites as submitted by PAW Drilling & Well Service, Inc. Exhibit 6-R is a Cost Savings Report prepared by EG&G Idaho, Inc., that indicates cost savings of more than \$3 million when quality project management procedures were instituted to implement restoration of the well sites. Exhibit 6-S is a Cost and Salvage Report submitted to EG&G Idaho, Inc., by PAW Drilling & Well Service, Inc.

EXHIBITS 6-A THROUGH 6-S

	<u>Page</u>
6-A — State of Louisiana—McCall Work Permit No. 575-93	6-5
6-B — McCall Work Permit UIC-30 Application	6-6
6-C — State of Louisiana Plug and Abandon Report (Hulin Work Permit No. 576-93)	6-7
6-D — State of Louisiana Plug and Abandon Report (Hulin Work Permit No. 012314)	6-7
6-E — State of Louisiana Plug and Abandon Report (McCall Work Permit 11/3/93)	6-9
6-F — State of Louisiana Plug and Abandon Report (McCall Work Permit 11/29/93)	6-12
6-G — State of Louisiana Plug and Abandon Report (Hulin Work Permit 3/11/94)	6-15
6-H — State of Louisiana Plug and Abandon Report (Hulin Work Permit 3/7/94)	6-18
6-I — Eaton Operating Company Plug and Abandonment Procedure for McCall No. 1 Well (1/27/93)	6-21
6-J — PAW Drilling & Well Service Plug and Abandonment Procedure for McCall SWD	6-22
6-K — Eaton Operating Company Plug and Abandonment Procedure for Hulin No. 1 Well (3/10/93)	6-23
6-L — Eaton Operating Company Plug and Abandonment Procedure for McCall CVW No. 1 Well (3/10/93)	6-24
6-M — Daily Workover Reports for Gladys McCall Well Site From 9-18-93 Through 11-19-93	6-25

EXHIBITS 6-A THROUGH 6-S (Cont.)

6-N — Current Condition of Gladys McCall Well Site	6-83
6-O — Daily Workover Reports for Willis Hulin Well Site From 2-7-94 Through 3-17-94	6-97
6-P — Current Condition of Willis Hulin Well Site	6-131
6-Q — Turnkey Bids for Gladys McCall and Willis Hulin Sites	6-151
6-R — Cost Savings Report From EG&G Idaho, Inc.	6-157
6-S — PAW P&A Cost and Salvage Report	6-161

Work Permit
STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. DOE/EOC gladys McCall #1 Sec. 27 T. 15S R. 5W
Field Crab Lake Parish Cameron
Permit Serial No. 174825 Work Permit No. LP# 575-93

Description of Work Squeeze perfs 15,160-15470 with 150 sks, pull and ID 5"
Cut 7" at 5500' set cmt plug from 5600 to 5400' Spot plug from
105 to 5'. Cut all csg 5' below G/L and weld 1/2" plate on top.

Sqnd & Reservoir To Be Tested P&A TC 16,510

Operator DOE/Eaton Operating Co, Inc.
Address 1240 Blalock, Suite 100
City, State & Zip Houston, TX 77056

Permit Requested By Becky Addison LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

Permit Authorized By James L. Blair District Laf Date 6/25/93

See Instructions On Reverse Side

Form DM-4R Rev.

VIC APPLICATION NO. 011607

Well Serial No. 159587 Work Permit No. A-C
Approximate Date Work To Begin (MM-DD-YY) First half 1993 (dependent on DOE funding)
Well Name & No. DOE/EOC Gladys McCall SWDW No. 1 Sec. 27 Twp. 15S Rge. 5W
Operator DOE/Eaton Operating Co., Inc. Code 0814 Phone (713) 465-8700
Field Crab Lake Parish Cameron
Total Depth 3,514' PBTD Condition of well Shut-in
Pacozated Interval(s) 3,050' to 3,500'

EXISTING CASING PROGRAM				PROPOSED CEMENT PLUGS (2)			
CASING SIZE	HOLE SIZE	DEPTH SET	TOP OF CEMENT (1)	DEPTH OF PLUGS		#SACKS CEMENT	HOW PLACED?
				FROM	TO		
16"	20"	167'	Surface	3,500'	1,800'		Pumping*
10-3/4"	14-3/4"	3,552'	Surface	1,800'	Surf		Pumping*
7" Tbg	10-3/4"	2,015'	N/A				
				(See attached Figures)			

CC Provide schematic diagram of well on back of this form.

Depth to Base of Lowermost USDW: 1,016' (<10,000 ppm TDS) Source Ed Buford/UIC 8/21/92

PROPOSED CAST IRON BRIDGE PLUG SETTING DEPTH: N/A

NORM CONTAMINATED TUBING

POINT OF ORIGIN: None

FORM Tbg to be placed: From _____ To _____ From _____ To _____
From _____ To _____ From _____ To _____

Total Footage: Ft Maximum Level: microR/hr Average Level: microR/hr

NORM SOLIDS

POINT OF ORIGIN: (1.) Low pressure separator, (2.) Two ft. section of 6" piping manifold.

NORM solids to be placed: From 1,180' To 1,800' Total Volume: 6.5+ BBLS +20 bbls of mud.

Average Specific Radium Activity: 1000 pCi/g Total Radium activity: 800 Microcuries

Proposed Mud-Laden Fluid 9.0 ppg Viscosity 40 cp

Remarks: *Separator solids, containing NORM, to be pumped into tubing, carried by mud with solids in suspension, to be isolated with cement (above & below) 1/6

Permit Requested By Doug Graham 1 Doug Graham Date 9/9/92

FOR CONSERVATION USE ONLY

Permit Approved By _____ Date _____

 District Supervisor

 District Supervisor

2592

Work Permit
STATE OF LOUISIANA DEPARTMENT OF CONSERVATION
Well Name & No. DOE/EOC Willis Hulin #1 Sec. 2 T 14S R 4E
Field South Erath Parish Vermillion
Permit Serial No. 158468 Work Permit No. LP#576-93
Description of Work Squeeze perfs with 150 sks at 21,059. Cut 6" at 6000'
Spot cmt plug from 6200 to 5800'. Cut 9 5/8 at 4000', spot cmt
plug from 4200 to 3800'. Cut 11 3/4 at 3000', spot plug from
3200' to 2800', set top plug from 105-5'. Cut all csg 5' below
G/L and weld 1/2" plate on top.
Sand & Reservoir To Be Tested ID 21,559

Operator:
Address
City, State & Zip

DOE/Eaton Operating Co., Inc.
1240 Blalock, Suite 100
Houston, Tx 77056

RECEIVED

JUN 25 1993

LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

Permit Requested By

Becky Addison

Date 6-15-93

Permit Authorized By

James H. Welch

Date 6/25/93

See Instructions On Reverse Side

Form DM-4R Rev.

Exhibit 6-C

Work Permit
STATE OF LOUISIANA DEPARTMENT OF CONSERVATION
Well Name & No. Willis Hulin CVW #1 Sec. 2 T 14S R 4E
Field South Erath Parish Vermillion
Permit Serial No. 972009 Work Permit No. 012314
Description of Work Squeeze perfs at 6590-6530 with 100 sks. spot plug
from 105 - 5'. Cut all csg 5' below G/L and weld 1/2" plate
on top.
Sand & Reservoir To Be Tested P&A TD 6644'

Operator
Address
City, State & Zip

DOE/Eaton Operating Co., Inc. (0814)
1240 Blalock, Suite 100
Houston, TX 77055

Permit Requested By

Becky Addison

713/465-8700
6-15-93

Permit Authorized By

James H. Welch

Date 7/6/93

See Instructions On Reverse Side

Form DM-4R Rev.

STATE OF LOUISIANA
OFFICE OF CONSERVATION
PLUG AND ABANDON REPORT

WORK PERMIT NO. LP # 575-93

WELL SERIAL NO. 174825

TOTAL DEPTH 16,510 PBD 15831

DATE WORK FINISHED (MM-DD-YY) 11-3-93

LAFAYETTE DISTRICT
(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed

Field CRAB LAKE Parish CAMERON Sec. 27 Twp. 15S Rge. 5W

Operator DOE

CODE

Well Name DOE GLADYS McCALL Well No. 1

Check Appropriate Box:

☐

29 DRY HOLE

☐

30 FORMERLY ACTIVE

☐

18 TEMPORARILY ABANDONED
(All But Top Plug Set)

Depth Casing Cut Below Plow Depth Or Mud Line 5 Weight of Mud Left In Well After Abandonment 15.8

Setting Depths Of Bridge Plugs And/Or Cement Retainers _____

Is This Well A Multiple Completion? Yes _____ No X - If Yes, Submit Additional Report For Other Well(s) And Indicate Other Serial No(s). In Space Provided. _____

	CASING* SIZE	CASING PULLED
301		
302	7"	3000
303		
304		
305		
306		
307		

CEMENT PLUGS*				
FROM	TO	NO. SACKS	SLURRY WT	PLACEMENT METHOD
15479	15160	150	15.5	CMT SYSTEM
3100	2900	75	15.5	CMT SYSTEM
100	5	10	15.5	CMT SYSTEM

*List Casing Sizes And Plug Depths In Descending Order

Remarks: CUT AL CASING 5' BELOW G/L

This work was done according to the Rules and Regulations of the Office of Conservation.

Douglas Touchet
WITNESS

DOE

OPERATOR (Company Name)

Becky Addison
REPRESENTATIVE (SIGNED)

FORM PBA (REV 3/92)



OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD

CRAB LAKE

SERIAL NO

174825

PRODUCING INTERVAL

15511'-541' - 15567' - 15627'

RESERVOIR (COMPANY SAND IDENTIFICATION)

P & A

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

11-3-93

OPERATOR

DOE/EASTON OP. CO., INC.

CODE

ADDRESS

1240 BLALOCK SUITE 100 HOUSTON, TX 77056

WELL NAME

DOE/GLADYS McCALL

WELL NO

1

PARISH

CAMERON

SEC.

27

TWP.

15S

RGE.

5W

DATE PERMIT ISSUED

4-22-81

DATE SHUTDOW

M D Y

5-27-81

DATE READY TO PRODUCE*

11-26-82

TOTAL DEPTH

16,510

PBD

15,831

GROUND ELEVATION

1.5'

CASING HEAD FLANGE ELEVATION

-4.4' GL

DISTANCE FROM RKB TO CMF

35.4 RKB-CHF

DATE WELL TURNED INTO TANKS

12-22-82

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 10-14-81

WERE 3 COPIES FILED WITH THE

OFFICE OF CONSERVATION?

?

DATE FILED

?(COPIES AVAILABLE)

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

SEE ATTACHED OLG LIST

DATE FILED

CASING, LINER AND TUBING RECORD

C	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					
101	30"	DRIVEN	1"W.t.	0	222'RKB	DRIVEN				
102	20"	26"	133#/FT.	0	869'RKB	1635	1000	1/2	6-1-81	WALTER POPE-TF & S
103	13-3/8"	17-1/2"	68&72	0	4500'	7000	1500	1/2	6-11-81	JO DURHAM-STATE
104	9-5/8"	12-1/4"	53.5	0	14426'	4300	3000	1/4	7-23-81	D. WALLER-TF & S
105	7"	8-3/8"	38	0	15958'	1084	1800	1/2	10-24-81	DONALD WALLER-TF & S
TUBING SIZE:		5"	DEPTH OF TUBING:		13933'	DEPTH OF PACKER(S):		PBR 13921'		

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
BOPD	MCF/DAY	CF/BSL	/64"	
FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BSRW
PSIG	PSIG		BPD	%
GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED	
*API 60° F	PSIG			

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		
		15479	15160	150	CMT SYSTEM	10-13-93	DOUGLAS TOUCHET
7"	3000	3100	2900	75	CMT SYSTEM	10-18-93	DOUGLAS TOUCHET
		100	5	10	CMT SYSTEM	11-2-93	DOUGLAS TOUCHET

CERTIFICATE: I, the undersigned, state: That I am employed by DOE 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: Decky JohnsonTitle: Comp. Eng.

*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
LP-#575-93	11-3-93	PAW DRLG.	SQUEEZE PERFS 15,160-15470 WITH 150 SKS, PULL AND LD 5".CUT 7" @ 5500' SET CMT PLUG FROM 5600 TO 5400'. SPOT PLUG FROM 105 TO 5'. CUT ALL CASING 5' BELOW G/L AND WELD 1/2" PLATE ON TOP.

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

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA
OFFICE OF CONSERVATION
PLUG AND ABANDON REPORT

WORK PERMIT NO. 012699

WELL SERIAL NO. 159587

TOTAL DEPTH 15598' PBDT 3514

DATE WORK FINISHED (MM-DD-YY) 11-29-93

BATON ROUGE DISTRICT
(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed

Field CRAB LAKE Parish CAMERON Sec. 27 Twp. 15S Rge. 5W

Operator DOE

CODE

Well Name GLADYS McCALL SWD Well No. 1

Check Appropriate Box:

☐ 29 DRY HOLE

☐ 30 FORMERLY ACTIVE

☐ 18 TEMPORARILY ABANDONED
(All But Top Plug Set)

Depth Casing Cut Below Plow Depth Or Mud Line 5' Weight of Mud Left In Well After Abandonment 9#

Setting Depths Of Bridge Plugs And/Or Cement Retainers _____

Is This Well A Multiple Completion? Yes _____ No X - If Yes, Submit Additional Report For Other Well(s) And Indicate Other Serial No(s). In Space Provided. _____

	CASING* SIZE	CASING PULLED
301	7"	2019
302	10 3/4	--
303		
304		
305		
306		
307		

CEMENT PLUGS*				
FROM	TO	NO. SACKS	SLURRY WT	PLACEMENT METHOD
3030	1876	475	15.5	CMT SYSTEM
55	5	27	15.5	CMT SYSTEM

*List Casing Sizes And Plug Depths In Descending Order

Remarks: CUT ALL CASING 5' BELOW G/L & WELD 1/2" PLATE ON TOP.

This work was done according to the Rules and Regulations of the Office of Conservation.

Douglas Threlkett
WITNESS

DOE
OPERATOR (Company Name)
Becky Addison
REPRESENTATIVE (SIGNED)

FORM PAA (REV 3/72)

**OFFICE OF CONSERVATION**

WELL HISTORY AND WORK RESUME REPORT

FIELD

CRAB LAKE

SERIAL NO.

159587

PRODUCING INTERVAL

3050-3500'

RESERVOIR (COMPANY SAND IDENTIFICATION)

P & A

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 BRINE

IF RECOMPLETION

☐ SAME RESERVOIR
☐ DIFFERENT RESERVOIR

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

11-29-93

OPERATOR

DOE

CODE

ADDRESS

1240 BLALOCK SUITE 100 HOUSTON, TX. 77056

WELL NAME

DOE/EOC GLADYS McCALL SWDW

WELL NO.

1

PARISH

CAMERON

SEC.

27

TWP.

15S

RGE.

5W

DATE PERMIT ISSUED

12-30-85

DATE SPUNDED

M D Y
1965

DATE READY TO PRODUCE*

TOTAL DEPTH

15,598

PBD.

3,514

GROUND ELEVATION

+ 2 FEET

CASING HEAD FLANGE ELEVATION

DISTANCE FROM RKB TO CHF

DATE WELL TURNED INTO TANKS

N/A

SINGLE, DUAL OR TRIPLE COMPLETION?

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

WAS WELL DIRECTIONALLY DRILLED?

NO

WAS DIRECTIONAL SURVEY MADE?

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?

DATE FILED

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

CBL, VDL, GR, CCL, SP

DATE FILED

CASING, LINER AND TUBING RECORD

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					
101 16"			167	SURF					
102 10-3/4"			3,552	SURF					
103 7"			14,290	3,650	REFER TO ATTACHED				
104 5"			15,598	13,954	WELL DIAGRAM				
105									
TUBING SIZE:			DEPTH OF TUBING: 2,028'		DEPTH OF PACKER(S): 2,019'				

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
BOPD	MCF/DAY	CF/BSL	/64"	
FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
psig	psig	psig	BPD	%
GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED	
*API 60° F	psig			

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		
7"	2019	3030	1876	475	CMT SYSTEM	11-12-93	DOUGLAS TOUCHET
10-3/4"	—	55	5	27	CMT SYSTEM	11-19-93	DOUGLAS TOUCHET
CUT ALL CASING 5' BELOW GROUND LEVEL, AND WELD PLATE.							

CERTIFICATE: I, the undersigned, state: That I am employed by DOE 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: Betsy AddisonTitle: Comp. Eng.

*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
012699	11-29-93	PAW DRLG.	<p>MIX AND PUMP BTM AT CMT PLUG - PERFS. CUT 7" CSG AT 2019 AND PULL, MIX AND PUMP CMT PLUG - 3030 - 1876. MIX AND PUMP CMT PLUG - 55-5. CUT ALL CASING 5' BELOW GROUND LEVEL AND WELD PLATE.</p> <p>VERBAL: ED BUFORD</p>

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

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA
OFFICE OF CONSERVATION
PLUG AND ABANDON REPORT

WORK PERMIT NO. LP #131-94

WELL SERIAL NO. 158468

TOTAL DEPTH 21,559 PBTD 21,225

DATE WORK FINISHED (MM-DD-YY) 3-11-94

LAFAYETTE DISTRICT
(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed

Field SOUTH ERATH Parish VERMILLON Sec. 2 Twp. 14S Rge. 4E

Operator DOE CODE Well Name /E OC WILLIS HULIN Well No. 1

Check Appropriate Box: ☐ 29 DRY HOLE ☒ 30 FORMERLY ACTIVE ☐ 18 TEMPORARILY ABANDONED
(All But Top Plug Set)

Depth Casing Cut Below Plow Depth Or Mud Line 5 Weight of Mud Left In Well After Abandonment 18

Setting Depths Of Bridge Plugs And/Or Cement Retainers _____

Is This Well A Multiple Completion? Yes _____ No X - If Yes, Submit Additional Report For Other Well(s) And Indicate Other Serial No(s). In Space Provided. _____

	CASING* SIZE	CASING PULLED
301		
302	6"	6000
303	9 5/8	4000
304	11 3/4	3000
305		
306		
307		

CEMENT PLUGS*				
FROM	TO	NO. SACKS	SLURRY WT.	PLACEMENT METHOD
21,059	20,220	300	CLASS H	BT HUGHES
6,200	5,800	250		CMT SYSTEM
4200	3,800	200	15.5	CMT SYSTEM
3235	3,035	90	15.5	CMT SYSTEM
3000	2,800	255	15.5	CMT SYSTEM
2500	2,300	250	15.5	CMT SYSTEM
1000	800	200	15.5	CMT SYSTEM
1000				

*List Casing Sizes And Plug Depths In Descending Order

Remarks: CUT ALL CASING 5' BELOW GROUND LEVEL

This work was done according to the Rules and Regulations of the Office of Conservation.

Craig V. Varnett
WITNESS

DOE / EATON OPERATING CO., INC.
OPERATOR (Company Name)

Beebe O. Delaney
REPRESENTATIVE (SIGNED)

FORM P&A (REV 3/92)



OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD

SOUTH ERATH

SERIAL NO.

158468

PRODUCING INTERVAL

21059-21094'

RESERVOIR (COMPANY SAND IDENTIFICATION)

P & A

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. RECOM.

OR P & A
M D Y

3-11-94

OPERATOR

DOE

CODE

ADDRESS

900 COMMERCE RD EAST NEW ORLEANS, LA

WELL NAME

DOE/EOC WILLIS HULIN

WELL NO.

1

PARISH

VERMILLION

SEC. 2

TWP. 14S

RGE. 4E

DATE PERMIT ISSUED

2-16-78

DATE SPUNDED

M D Y

4-26-78

DATE READY TO PRODUCE*

6-27-79

TOTAL DEPTH

21549

PBD

21225'

GROUND ELEVATION

+3 MGL

CASING HEAD FLANGE ELEVATION

3.0

DISTANCE FROM RKB TO CHF

21.75'

DATE WELL TURNED INTO TANKS

6-27-79

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?

DATE FILED

BEING COMPOSITED

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

ISF-SONIC CNL-DENSITY

HRDM

DATE FILED

BEING COMPOSITED

CASING, LINER AND TUBING RECORD

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					
181									
182									
183									
184									
185									

TUBING SIZE:

DEPTH OF TUBING:

DEPTH OF PACKER(S):

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKE SIZE	PRODUCING METHOD
BOPD	MCF/DAY	CF/BSL	/64"	
FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	SSBW
PSIG	PSIG	PSIG	BPD	%
GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE GAUGED	
"API 60" F	PSIG			

PLUS 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		
6	6000	21,059	20,220	300	BT HUGHES	3-3-94	DOUGLAS TOUCHET
9 5/8	4000	6,200	5,800	250	CMT SYSTEM	3-7-94	DOUGLAS TOUCHET
11 3/4	3000	4,200	3,800	200	CMT SYSTEM	3-5-94	DOUGLAS TOUCHET
		3,235	3,035	90	CMT SYSTEM	3-5-94	DOUGLAS TOUCHET
		3,000	2,800	255	CMT SYSTEM	3-7-94	DOUGLAS TOUCHET
		2,500	2,300	250	CMT SYSTEM	3-8-94	DOUGLAS TOUCHET
		1,000	800	200	CMT SYSTEM	3-8-94	DOUGLAS TOUCHET
		105	5	105	CMT SYSTEM	3-10-94	DOUGLAS TOUCHET

CUT ALL CEMENT IN PLACE. I, the undersigned, state: That I am employed by PAW DRILLING 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:

Richy L. L. L.

Title:

Comp. Eng.

* 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
IP #131-94		PAW DRILLING	<p>SQUEEZE PERFS WITH 150 SACKS AT 21,059. CUT 6" AT 6000'. SPOT CMT PLUG FROM 6200 TO 5800'. CUT 9 5/8 AT 4000'. SPOT CMT PLUG FROM 4200 TO 3800'. CUT 11 3/4 AT 3000'. SPOT PLUG FROM 3200' TO 2800. SET TOP PLUG FROM 105-5'. CUT ALL CASING 5' BGL AND weld 1/2" plate on tr</p> <p>CUT ALL CASING 5' BGL.</p>

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

FORMATION	DEPTH	FORMATION	DEPTH

STATE OF LOUISIANA
OFFICE OF CONSERVATION
PLUG AND ABANDON REPORT

WORK PERMIT NO. 012314

WELL SERIAL NO. 972009

TOTAL DEPTH 6644 PBTD _____

DATE WORK FINISHED (MM-DD-YY) 3-7-94

BATON ROUGE DISTRICT
(Three Copies to be Filed with the District Office)

NOTE: This Report Will Be Returned If Not Properly Completed And Signed

Field SOUTH ERATH Parish VERMILLION Sec. 2 Twp. 14S Rge. 4E

Operator DOE EATON OPERATING COMPANY

CODE
0814

Well Name WILLIS HULIN CVW

Well No. 1

Check Appropriate Box:

☐ 29 DRY HOLE

☒ 30 FORMERLY ACTIVE

☐ 18 TEMPORARILY ABANDON
(All But Top Plug Set)

Depth Casing Cut Below Plow Depth Or Mud Line 5 Weight of Mud Left In Well After Abandonment 9.6

Setting Depths Of Bridge Plugs And/Or Cement Retainers _____

Is This Well A Multiple Completion? Yes _____ No X - If Yes, Submit Additional Report For Other Well(s) And Indicate Other Serial No(s). In Space Provided. _____

	CASING* SIZE	CASING PULLED
301		
302		
303		
304		
305		
306		
307		

CEMENT PLUGS*				
FROM	TO	NO. SACKS	SLURRY WT	PLACEMENT METHOD
6590	6530	105	15.5	CMT SYSTEM
105	5	35	15.5	CMT SYSTEM

*List Casing Sizes And Plug Depths In Descending Order

Remarks: CUT ALL CASING 5' BELOW GROUND LEVEL.

This work was done according to the Rules and Regulations of the Office of Conservation.

Douglas T. Toussaint
WITNESS

DOE EATON OPERATING CO., INC.

OPERATOR (Company Name)

Becky Addison
REPRESENTATIVE (SIGNED)

FORM PAA (REV 3/92)



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD

ERATH, SOUTH

SERIAL NO.

972009

PRODUCING INTERVAL

2,000' to 6,700'

RESERVOIR (COMPANY SAND IDENTIFICATION)

INITIAL DISPOSAL ZONE - MIOCENE

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 - SALT WATER DISPOSAL

IF RECOMPLETION

☐ SAME RESERVOIR
☐ DIFFERENT RESERVOIR

DATE COMP. RECOMP.

OR P & A
M D Y
3-7-94

OPERATOR

EATON OPERATING CO., INC.

CODE

0814

ADDRESS

1980 POST OAK BLVD. SUITE 2000 HOUSTON, TX 770

WELL NAME

WILLIS HULIN CVW

WELL NO.

1

PARISH

VERMILLION

SEC. 2

TWP. 14S RSE. 4E

DATE PERMIT ISSUED

1-24-89

DATE SPUNDED

M D Y
2-14-89

DATE READY TO PRODUCE*

N/A

TOTAL DEPTH

6,688'

PSTD.

6,644'

GROUND ELEVATION

3.2'

CASING HEAD FLANGE ELEVATION

0'

DISTANCE FROM RKB TO CNF

29.0

DATE WELL TURNED INTO TANKS

N/A

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?

NO

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?

DATE FILED

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

DUAL IND., FORM, DENSITY, COMP, NEUTRON, GR., L.S..

DATE FILED

10-17-89

CASING, LINER AND TUBING RECORD

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					
101									
102									
103									
104									
105									

TUBING SIZE:

DEPTH OF TUBING:

DEPTH OF PACKER(S):

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION	GAS VOLUME	GOR	CHOKER SIZE	PRODUCING METHOD
BOPD	MCF/DAY	CF/BSL	/64"	
FLOWING TUBING PRESSURE	SHUT-IN TUBING PRESSURE	CASING PRESSURE	WATER PRODUCTION	BS&W
psig	psig	psig	SPD	%
GRAVITY	BHP (SHUT-IN)	COMPANY REPRESENTATIVE	DATE	
"API 50" F	psig			

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		
		6590	6530	105	CMT SYSTEM	3-5-94	DOUGLAS TOUCHET
		105	5	35	CMT SYSTEM	3-6-94	DOUGLAS TOUCHET

CMT ALL CASING 5' BELOW GROUND LEVEL.

CERTIFICATE: I, the undersigned, state that I am employed by PAW DRILLING 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: Betsy Adams

Title: Comp. Eng.

*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
012314	2-14-89 TO 2-28-89	GREY WOLF DRILLING CO.	DRILLING RIG CONTRACTOR
	2-16-89	FRANK'S CASING CREW	RAN AND SET 13-3/8" 54.5# k-55 STC CASING @ 1,925' (NOTIFIED STATE OF LOUISIANA @ 8:00 AM 2-16-89)
	2-16-89	B. J. TITAN	CEMENTED 13-3/8" CASING W/ .5 bbl CMT RETURNS.
	3-7-94	PAW DRILLING	SQUEEZE PERFS AT 6590-6530 WITH 100 SACKS, SPOT PLUG FROM 105-5'. CUT ALL CASING 5' BELOW GROUND LEVEL AND WELD 1/2' PLATE ON TOP.

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

FORMATION	DEPTH	FORMATION	DEPTH

COMPANY: EATON OPERATING
WELL #: MCCALL #1
BID #: 0117-017
FILE #: 0117-054
API #:

DATE: 01/27/93
LOCATION: CAMERON PA, LA
STATUS: APPROVED
SUBMITTED: 03/18/93
LEASE/WELL #:

=====

P&A PROCEDURE

=====

Provided by PAW Drilling & Well Service, Inc.

1. Check and record all tubing and casing pressures. Fill tubing and casing with 15.8 #/gal plug mud. Kill well as needed.
Note: If cannot pump into well we will run a thru tubing plug through 7" casing & pump 100' cmt on top of plug. Bleed pressure and pump an additional cement plug at 14,000'. All calcium chloride and/or brine water will be pumped into existing SWD.
2. Rig up pump on 5" P-110 tubing and bullhead squeeze the perfs down the 5" tubing with 100 sx Class "H" cement. Displace cement with 300bbls plug mud. Plug will be from 15,470' to 15, 160'. Let plug set a minimum of 24 hours. Pressure test or tag plug.
3. Move on location w/ P&A equipment. Hold safety meeting, discuss procedures and work schedule.
4. Release packer and POOH w/ 5" tubing. Lay down tubing.
Note: If unable to release packer cut 5" tubing above packer. Fill wellbore w/ sufficient weighted plug mud (9.0#/gal min).
5. GIH w/ S/L and explosive charge. Cut 7" casing at +/- 5,500'. Lay down casing.
6. Pick up workstring and RIH to casing stub @ +/- 5,500'. Pump 60 sx cement plug from 5,600' to 5,400' (100' in and 100' out).
7. POOH w/ tubing. Pump 10 sx cement plug from 33' to 3'.
8. Cut 9 5/8", 13 3/8", 20", and 30" casing 3' below ground level and weld steel plate on top of casing.
9. Restore location to condition prior to P&A operation. RDMO.

Note: If required by state regulations, all plugs to be pressure tested or tagged and an additional plug will be placed accross the lowest known USDW.

Workover
Drilling
Turnkey
Onshore
Offshore



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506



LAFAYETTE
24 HOUR ANSWERING SERVICE
OFFICE: (518) 281-0295

P & A PROCEDURE - G McCALL SWD - GRAND CHENIER, LA

MOVE IN - RIG UP
KILL WELL - ESTABLISH INJECTION DATE
NIPPLE DOWN - NIPPLE UP
WORK PIPE LOOSE
MIX & PUMP CEMENT PLUG - 45 BARRELS TO 3030'
TEST PLUG
MIX & PUMP CEMENT PLUG - 22 BARRELS
TEST PLUG
MIX & PUMP CEMENT PLUG - 22 BARRELS
TEST PLUG
MIX & PUMP CEMENT PLUG - 16 BARRELS
GIH WITH WIRELINE - CUT 7" CASING @ \pm 1600'
POOH - L D 7" CASING
FILL HOLE WITH PLUG MUD
MIX & PUMP TOP CEMENT PLUG - 60'-5'
CUT ALL CASING 4' BGL
RIG DOWN - MOVE OUT

COMPANY: EATON OPERATING
WELL #: WILLIS HULIN #1
BID #: 0305-035
FILE #: 0305-117
API #:

DATE: 03/10/93
LOCATION: VERMILLION PA, LA
STATUS: APPROVED
SUBMITTED: 03/18/93
LEASE/WELL #:

=====

P&A PROCEDURE

=====

Provided by PAW Drilling & Well Service, Inc.

1. Bullhead squeeze the open perfs down the 3 1/2" tubing with 100 sacks Class "H" cement + retarder and displace with 200 bbls of plug mud. (Plug will be from 20,700' to 20,200'. Let plug set for a minimum of 24 hours.

If unable to pump into well, set CIBP inside 3 1/2" tubing at packer. perforate 3 1/2" tubing above CIBP and circulate sufficient cement to leave 300' plug inside 3 1/2" tubing and 300 cement plug inside the 3 1/2" X 6" annulus. Set additional CIBP above cement in 3 1/2" tubing. (Note: Gas cap and diesel to be bled off before bullhead squeeze.)
2. Move on location w/ P&A equipment. Hold safety meeting, discuss procedures and work schedule.
3. Check and record all tubing and casing pressures.
4. Release from Backer FB-1 packer and POOH w/ tubing.
Note: If unable to release from packer see step 1 above.
5. RU S/L and cut 6" casing at +/- 6,000'. POOH and lay down 6" casing.
6. RIH open-ended to casing stub (+/- 6,000') and pump a 200' cement plug from 7,000' to 5,000'. POOH with tubing.
7. RU S/L and cut 9 5/8" casing at +/- 3,150' POOH and lay down casing.
8. RU S/L and cut 11 3/4" casing at +/- 3,000'. POOH and lay down casing.
9. RIH open ended to 3,250'. Pump 315 sx cement plug from 3,250' to 2,900'.
10. POOH w/ tubing. Pump 35 sx cement plug from 33' to 3'.
11. Cut 16" and 30" casing 3' below ground level and weld steel plate on top of casing.
12. Restore location to condition prior to P&A operation. RDMO.

Note: If required by state regulations, all plugs will be pressure tested or tagged and an additional plug will be placed accross the lowest known USDW.

COMPANY: EATON OPERATING
WELL #: WILLIS HULIN CVW #1
BID #: 0305-035
FILE #: 0305-116
API #: 0

DATE: 03/10/93
LOCATION: VERMILLION PA, LA
STATUS: APPROVED
SUBMITTED: 03/18/93
LEASE/WELL #: 0

=====

P&A PROCEDURE

=====

Provided by PAW Drilling & Well Service, Inc.

1. Move on location w/ P&A equipment. Hold safety meeting, discuss procedures and work schedule.
2. Check and record all tubing and casing pressures and kill well with FSW if necessary. RIH w/ S/L to determine sand fill in casing. If sand fill is encountered above perfs, PU 2 3/8" workstring and wash down to perfs. POOH w/ workstring.
3. Bullhead squeeze 50 sack cement plug from 6,590' to 6,530'. Release from packer and circulate 9.0#/gal plug mud to surface.
4. POOH w/ tubing. Pump 15 sx cement plug from 33' to 3'.
5. Cut 9 5/8" and 13 3/8" casing 3' below ground level and weld steel plate on top of casing.
6. Restore location to condition prior to P&A operation. RDMO.

Note: If required by state regulations, all plugs will be pressure tested or tagged and an additional plug will be placed accross the lowest known USDW.

EXHIBIT 6-M

**PAW Drilling & Well Service, Inc.
Daily Workover Reports for Gladys McCall Site
From 9-18-93 Through 11-19-93**

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6805

REPORT NO. 4

DAILY WORKOVER REPORT

COMPANY Hard & Rig Move DATE 9-18-93

FIELD _____ LEASE _____ WELL NO. _____

PARISH OR COUNTY _____ STATE _____ RIG NO. _____

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING

Last
Casing
Setting

Size _____
Depth _____
Max Bit _____

Screen Setting
Size _____
Interval _____

Tubing Setting

Size _____
Type _____
Aml. _____

B. O. P. TEST PRESSURES

Rams _____ Hydril _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____
Size _____
Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-600-11lbs Repair & Move Rig To Grand Union

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT	HRS. @ \$
PIPEWIPER		SLIP INSERT		DRILLER	<u>D. Joubert</u>		@ \$ _____
DIESEL		T.I.W.		DERRICK MAN	<u>D. Joubert</u>		@ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>M. Howard</u>		@ \$ _____
POWER SUB.		SHAKER		HELPER	<u>E. Pascale</u>		@ \$ _____
TRUCKING		2 ND PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Joubert COMPANY REPRESENTATIVE _____

JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB _____

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6806

REPORT NO. 1

DAILY WORKOVER REPORT

COMPANY DOE DATE 9-20-93
FIELD East Creek Lake LEASE Shady McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING

Don't smoke oil
use proper flames
around well

Last
Casing
Setting

Size
Depth
Max Bit

Screen Setting
Size
Interval

Tubing Setting

Size
Type
Amt

B. O. P. TEST PRESSURES

Rams _____ Hydril _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____
Size _____
Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-730-lbs. Held after meeting & set Rig
730-800-lbs. press on tubing 5400# press on casing 3500#
900-200-lbs. Break flow line & riser. all 5-lbs. line to well
& Remove work platform
200-600-lbs. spot & Run Rig & spot 500 & Put out guy line

DOE R Shady McCall well #1
Sec. 27-T155 R 5hr East Crk
Lake field Cameron Parish
LA Serial No 174825

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>11</u>	HRS. @ \$
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Truchet</u>			@ \$ _____ \$ _____
DIESEL		T.I.W.		DERRICK MAN <u>R. Stearns</u>			@ \$ _____ \$ _____
STRIPPER		PIPE RACK		HELPER <u>M. Norwood</u>			@ \$ _____ \$ _____
POWER SUB.		SHAKER		HELPER <u>E. Parfait</u>			@ \$ _____ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____ \$ _____
EXTRA LABOR		GUARD					@ \$ _____ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____ \$ _____
RAMS		MISC.					@ \$ _____ \$ _____
LONG DIES							@ \$ _____ \$ _____

TOOLPUSHER Douglas Truchet COMPANY REPRESENTATIVE _____

JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 5807

REPORT NO. 2

DAILY WORKOVER REPORT

COMPANY DOE DATE 9-21-93
FIELD East Crab Lake LEASE Glady's McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING
Stop clear of all
high pressure lines
while pumping

Last
Casing
Setting

Size _____
Depth _____
Max Bit _____

Screen Setting
Size _____
Interval _____

Tubing Setting
Size _____
Type _____
Amt _____

B. O. P. TEST PRESSURES

Rams _____ Hydri _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____
Size _____
Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-730-1/2 hr Held safety meeting & set Rig & Equip
730-930-2 1/2 hr Hook up to catch fresh wt. start filling up
tanks
930-1030-1 hr look up BJ to Kill line Test to 10500*
1030-300-4 1/2 hr to open tree Manu. Valve from Break out
Valve & 2 spool to hook up Kill line & 2 1/4 on tree
300-330-1/2 hr Test Kill line 10500* Test good
330-900-5 1/2 Work on valves on tree & take on mud

Glady's McCall No 1 Dec-27
T155 - R 524 East Crab Lake
Cameron Parish La Ser #174824

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>15</u>	HRS. @ \$ _____
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>			@ \$ _____
DIESEL		T.I.W.		DERRICK MAN <u>D Touchet</u>			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>M Norwood</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER <u>E Proffitt</u>			@ \$ _____
TRUCKING		2 ND PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 5808

REPORT NO. 3

DAILY WORKOVER REPORT

COMPANY DOE DATE 9-22-93
FIELD East Crab Lake LEASE Glady's Meall WELL NO. 1
PARISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Always wear</u> <u>hard hats & steel</u> <u>toe boots</u>	Last Casing Setting	Size _____	Screen Setting
		Depth _____	Size _____
		Max Bit _____	Interval _____
		Tubing Setting	
		Size _____	Type _____
			Amt. _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydril _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

800-830-1/2 hr Held safety Meeting & Dr Rig & Equip
830-900 test to 13200' Manometer would not hold back
Trough Sydn. Break Valve off line Remove Manometer
& Replace with crown Valve
900-1000 spot inject Rate pump on at Valve then looking
at tight flanges
1000-1100 pump it to well 4 BBL's min at 5677#
1100-1200 write on mud order of Ben Richard
1200-1300 2 hrs Mix & pump 150 cts cont for 420 ft plug
Displ. 5 BBL's fresh wt & 270 BBL's 15.4# mud final press 100
Top of cmt at 14673
1300-1400 2 hr Shut well in & Transfer Mud to Rig Tank
order More Mud for job Glady's Meall #1 Dec. 27-
order of Ben Rager & T155-R5W East Crab Lake
Ben Richard Cameron Parish La Ser #174825

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST
	YES	NO	
SUPPLIES		<u>None</u>	
FUEL			
TRUCKING			

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>	UNIT <u>15</u>	HRS. @ \$ _____	\$ _____
DIESEL		T.I.W.		DERRICK MAN		@ \$ _____	\$ _____
STRIPPER		PIPE RACK		HELPER <u>E. Paspart</u>		@ \$ _____	\$ _____
POWER SUB.		SHAKER		HELPER <u>M. Harwood</u>		@ \$ _____	\$ _____
TRUCKING		2 nd PUMP		HELPER		@ \$ _____	\$ _____
GENERATOR		CENTRIFUGAL				@ \$ _____	\$ _____
EXTRA LABOR		GUARD				@ \$ _____	\$ _____
SUPPLIES		PIPE DOPE				@ \$ _____	\$ _____
RAMS		MISC.				@ \$ _____	\$ _____
LONG DIES						@ \$ _____	\$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



TICKET 5809

REPORT NO. 4

DAILY WORKOVER REPORT

COMPANY R O E DATE 9-24-9
FIELD East Crab Lake LEASE Gladys McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Ann _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

700-730-1/2 hr. held safety meeting to see Rig & Equip.
730-1130-4 hr. Break Kill line & make up test flange &
Blud 3400' off casing. Tubing from 1500'
1130-1200-1/2 hr. test tubing to 1000' held 15 min. test good
1200-100-1 hr. R/LH well
100-200-1 hr. R/LH with well very slow 3800 ft 1 hr flowing
200-330-1 1/2 hr. 200 ft. with R/LH well
330-500-1 1/2 hr. move 150 BBL tank around & off load truck
Break Valve on line

Gladys McCall No 1
T155-R5W East Crab Lake
Cameron Parish La. Sec. 174825

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Truchet</u>	UNIT <u>10</u>	HRS. @ \$	\$
DIESEL		T.I.W.		DERRICK MAN		@ \$	\$
STRIPPER		PIPE RACK		HELPER <u>E. Poirant</u>		@ \$	\$
POWER SUB.		SHAKER		HELPER <u>M. Thorne</u>		@ \$	\$
TRUCKING		2 ND PUMP		HELPER		@ \$	\$
GENERATOR		CENTRIFUGAL				@ \$	\$
EXTRA LABOR		GUARD				@ \$	\$
SUPPLIES		PIPE DOPE				@ \$	\$
RAMS		MISC.				@ \$	\$
LONG DIES						@ \$	\$

TOOLPUSHER Douglas Truchet COMPANY REPRESENTATIVE _____
JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6810

REPORT NO. 5

DAILY WORKOVER REPORT

COMPANY DOE DATE 9-24-93

FIELD East Crank Lake LEASE _____ WELL NO. 1

PARISH OR COUNTY Cameron Parish STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when Moving Equip</u> <u>with touch down</u> <u>stand by pump touch</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Ann _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

700-730-1/2 hr Hold safety meeting to see Rig & Equip
730-750-4 1/2 hr att to Rth with slick line across floating
in mud 3900 ft
1200-230-1/2 hr 700 ft with well add more wt Base
230-600-3 1/2 Rth with well 3900 floating in mud 700 ft
RID w/L

Gladys McCall No 1 T155-
252W East Crank Lake
Cameron Parish La Ser #17462

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES			PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER	SLIP INSERT		DRILLER	<u>D Touchet</u>	UNIT <u>11</u>	HRS. @ \$ _____ \$
DIESEL	T.I.W.		DERRICK MAN	<u>D Stevens</u>		@ \$ _____ \$
STRIPPER	PIPE RACK		HELPER	<u>E Parfait</u>		@ \$ _____ \$
POWER SUB.	SHAKER		HELPER	<u>D Howard</u>		@ \$ _____ \$
TRUCKING	2 ND PUMP		HELPER			@ \$ _____ \$
GENERATOR	CENTRIFUGAL					@ \$ _____ \$
EXTRA LABOR	GUARD					@ \$ _____ \$
SUPPLIES	PIPE DOPE					@ \$ _____ \$
RAMS	MISC.					@ \$ _____ \$
LONG DIES						@ \$ _____ \$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ily.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6811

REPORT NO. 6

DAILY WORKOVER REPORT

COMPANY DPE DATE 9-26-93

FIELD East Crab Lake LEASE Shady McCall WELL NO. 1

PARISH OR COUNTY Cameron STATE La RIG NO. _____

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING

when hit with
barometer service
explosive gases in tubing
gases in casing

Last } Size _____
Casing } Depth _____
Setting } Max Bit _____

Screen Setting
Size _____
Interval _____

Tubing Setting

Size _____
Type _____
Amt. _____

B. O. P. TEST PRESSURES

Rams _____ Hydri _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____
Size _____
Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-730-1/2 hr held safety meeting in air. Rig to Egan
730-600-10 1/2 hr back B.O.P. on. True. Very tight. Log out true. &
21.1 hr. Hyd & gravel
600-700-1 hr pick 1st 5 1/2 casing. Make up in danger
shut well in for night.

Shady McCall #1 T155
8541 East Crab Lake
Cameron Parish, La. Sec #1748

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER	<u>D. Touchet</u>	UNIT <u>12 hr</u>	HRS. @ \$ _____ \$ _____
DIESEL		T.I.W.		DERRICK MAN	<u>D. Touchet</u>		@ \$ _____ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>E. Touchet</u>		@ \$ _____ \$ _____
POWER SUB.		SHAKER		HELPER	<u>M. Touchet</u>		@ \$ _____ \$ _____
TRUCKING		2 ND PUMP		HELPER			@ \$ _____ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____ \$ _____
EXTRA LABOR		GUARD					@ \$ _____ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____ \$ _____
RAMS		MISC.					@ \$ _____ \$ _____
LONG DIES							@ \$ _____ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annully.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6813

REPORT NO. 8

DAILY WORKOVER REPORT

COMPANY DOE DATE 9-28-93
FIELD East Cook Lake LEASE Bladys McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Don't stand around</u> <u>using jack when</u> <u>in use</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Amr _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis _____	Depth _____		Footage Made _____	

700-730-1da Held safety Meeting & on Rig & Eng
730-430-9da open well & set up casing jack work 5" 2000#
on Pump Move 5" 18 ft 1500# to pull off well 13 ft 2000#
18 ft 2000#
430-602-1da jack 5" 1500# to move off head 13 ft out = 2000#
13 ft to 19 ft = 3000# pump down
600-702-1da jack 5" down to well head

Bladys McCall well #1 Sec 2
T155-R5W-East Cook Lake
Cameron Parish La Gen M/174925

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES			PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER	SLIP INSERT		DRILLER		UNIT	HRS. @ \$
DIESEL	T.I.W.		DERRICK MAN		12	\$ _____
STRIPPER	PIPE RACK		HELPER			\$ _____
POWER SUB.	SHAKER		HELPER			\$ _____
TRUCKING	2 nd PUMP		HELPER			\$ _____
GENERATOR	CENTRIFUGAL					\$ _____
EXTRA LABOR	GUARD					\$ _____
SUPPLIES	PIPE DOPE					\$ _____
RAMS	MISC.					\$ _____
LONG DIES						\$ _____

TOOLPUSHER Douglas Fouchat COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ly.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6814

REPORT NO. 9

DAILY WORKOVER REPORT

COMPANY DOE DATE 9-29-93

FIELD East Crab Lake LEASE Gladys Mcall WELL NO. 1

PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING

stop class of
floor & all lines
when using high
pressure

Last
Casing
Setting

Size
Depth
Max Bit

Screen Setting
Size
Interval

Tubing Setting

Size
Type
Amt.

B. O. P. TEST PRESSURES

Rams _____ Hydri _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____
Size _____
Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-730-1/2 hr Hold safety Meeting & run Rig & Egan
730-740-1/2 hr work 5" casing to 3000 with pump & packs
300-420-2 1/2 hr Back off pull job & hanger
420-800-2 1/2 hr Make up & over Box 5 1/2" x 5" Buttersea shaft well
in for night

Gladys Mcall #1 Dec 27-
1155-RSW East Crab Lake
Cameron Parish, LA Ser #174825

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>13</u>	HRS. @ \$
PIPEWIPER		SLIP INSERT		DRILLER	<u>D Touchet</u>		\$
DIESEL		T.I.W.		DERRICK MAN	<u>D Herrera</u>		\$
STRIPPER		PIPE RACK		HELPER	<u>M Norwood</u>		\$
POWER SUB.		SHAKER		HELPER	<u>Easton Poffett</u>		\$
TRUCKING		2 ND PUMP		HELPER			\$
GENERATOR		CENTRIFUGAL					\$
EXTRA LABOR		GUARD					\$
SUPPLIES		PIPE DOPE					\$
RAMS		MISC.					\$
LONG DIES							\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ily.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6815

REPORT NO. 10

DAILY WORKOVER REPORT

COMPANY DOE DATE 7-30-93

FIELD East Crab Lake LEASE Shady McCall WELL NO. 1

PARISH OR COUNTY Cameron STATE La RIG NO. 3

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>show all sign</u> <u>on loca to protect</u> <u>your self</u>	Last Casing Setting	Size _____	Screen Setting _____	Tubing Setting _____
		Depth _____	Size _____	Type _____
		Max Bit _____	Interval _____	Ami _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis _____	Depth _____		Footage Made _____	

700-730-1/2 hr Held Safety Meeting in Dr. Rig & Equip
730-800 9 1/2 jack 5" down to cut on pipe work 5" to
522000 unable to pull free
800-700-2 hr jack down 5" land on well head R/D jacks

Shady McCall #1 Dec 27-7155
R 5 W East Crab Lake
Cameron Parish La Ser #17483

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST
	YES	NO	
SUPPLIES		<u>None</u>	
FUEL			
TRUCKING			

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP/INSERT		DRILLER <u>D Touchet</u>	UNIT <u>12</u>	HRS. @ \$	\$
DIESEL		T.I.W.		DERRICK MAN <u>R Stevens</u>		@ \$	\$
STRIPPER		PIPE RACK		HELPER <u>E Tassant</u>		@ \$	\$
POWER SUB.		SHAKER		HELPER <u>M Howard</u>		@ \$	\$
TRUCKING		2 nd PUMP		HELPER		@ \$	\$
GENERATOR		CENTRIFUGAL				@ \$	\$
EXTRA LABOR		GUARD				@ \$	\$
SUPPLIES		PIPE DOPE				@ \$	\$
RAMS		MISC.				@ \$	\$
LONG DIES						@ \$	\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann./ly.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6816

REPORT NO. 11

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-1-93
FIELD East Crak Lake LEASE Bladys Mcall WELL NO. 1
PARISH OR COUNTY Cameron STATE La RIG NO. _____

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING
look out gas
each other when
picking up pipe

Last Casing Setting } Size _____
Depth _____
Max Bit _____

Screen Setting
Size _____
Interval _____

Tubing Setting
Size _____
Type _____
Amt _____

B. O. P. TEST PRESSURES
Rams _____ Hydri _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING
Make & Model _____
Size _____
Depth _____

DRILL DEEPER
Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-730-1/2 hr Held safety Meeting & set Rig & Equip
730-1200-4 1/2 hr off load 234 tubing
1200-530-5 1/2 hr Rth with 234 tubing total gts in hole 70
530-600-1/2 hr shot well in for tight

Bladys Mcall #1
#155-R5W East Crak Lake
Cameron Parish La Ser #17425

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>11</u>	HRS. @ \$ _____
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>			@ \$ _____
DIESEL		T.I.W.		DERRICK MAN <u>D Stevens</u>			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>E Parbait</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER <u>M Howard</u>			@ \$ _____
TRUCKING		2 ND PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Rouglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann./ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Purging Services
Salt Water Wells
Plug & Abandon



TICKET 6817

REPORT NO. 12

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-2-93
FIELD East Crab Lake LEASE Blades McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when using</u> <u>by hand to pick</u> <u>submerging</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Am. _____
B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER
Rams _____	Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____	Footage Made _____	

700-730-1/2 hr. Held safety Meeting to see Rig & Equip.
730-530-10 hr. RTH with 2 3/4 tubing tally going in hole
clean collar & thin back in at 1858.09 & 3672.17
8.5530.26 & 5530.26 total gts in hole 180
530-630-1/2 hr. RTH to 5839.40 ft to gts in hole 190 gts
shut well in for night

Blades McCall #1
7155 - R & W East Crab Lake
Cameron Parish La Ser #174925

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 RD PARTY CHARGES			PERSONNEL		TIME DISTRIBUTION	
					UNIT	HRS. @ \$
PIPEWIPER		SLIP INSERT	DRILLER	<u>Douchet</u>		\$
DIESEL		T.I.W.	DERRICK MAN	<u>Deleena</u>		\$
STRIPPER		PIPE RACK	HELPER	<u>E. Pagnat</u>		\$
POWER SUB.		SHAKER	HELPER	<u>McNours</u>		\$
TRUCKING		2 ND PUMP	HELPER			\$
GENERATOR		CENTRIFUGAL				\$
EXTRA LABOR		GUARD				\$
SUPPLIES		PIPE DOPE				\$
RAMS		MISC.				\$
LONG DIES						\$

TOOLPUSHER Douglas Douchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ily.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6818

REPORT NO. 13

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-3-93
FIELD East Crab Lake LEASE Glady's Mcall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Make sure all dead</u> <u>tools are in place</u> <u>on work floor</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Am _____

B. O. P. TEST PRESSURES	PRODUCTION PRESSURE SETTING	DRILL DEEPER
Rams _____ Hydri _____	Make & Model _____	Closing Depth _____ Bit Size _____
Mud Type _____	Size _____	Opening Depth _____ Bit Type _____
Weight _____ Vis. _____	Depth _____	Footage Made _____

700-730-kda Held safety meeting & per Rig & Egan
730-800-kda open well start in hole from 5838.80 Tally
going in hole broke in at 7674.37 - 9511.05 - 11347.87
shut well in for night

Glady's Mcall #1
T155-K561 East Crab Lake
Cameron Parish La Ser #1782

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Touchet</u>	UNIT <u>11</u>	HRS. @ \$	\$
DIESEL		T.I.W.		DERRICK MAN <u>R. Shere no</u>		@ \$	\$
STRIPPER		PIPE RACK		HELPER <u>Easton Taylor</u>		@ \$	\$
POWER SUB.		SHAKER		HELPER <u>M. Townsend</u>		@ \$	\$
TRUCKING		2 ND PUMP		HELPER		@ \$	\$
GENERATOR		CENTRIFUGAL				@ \$	\$
EXTRA LABOR		GUARD				@ \$	\$
SUPPLIES		PIPE DOPE				@ \$	\$
RAMS		MISC.				@ \$	\$
LONG DIES						@ \$	\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6819

REPORT NO. 14

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-4-93
FIELD East Crab Lake LEASE Glady's Mcall WELL NO. 1
PARISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING

when floor is over
Barthes had 2nd year
open on thing for 20 min

Last
Casing
Setting

Size
Depth
Max Bit

Screen Setting
Size
Interval

Tubing Setting

Size
Type
Ann

B. O. P. TEST PRESSURES

Rams _____ Hydri _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____
Size _____
Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-730-4hr Held Safety Meeting & over Rig & Equip
730-1000-2hr RTH with 2 3/4 Tubing from 11,347.87 to 13180.76
Break in
1000-1000-2hr in well to cond mud in 5" Trough 2 3/4 tubi
at 13,908 ft 2881's Per Min. at 1000# pump press
100-230-15hr foot with 30 std
230 RTH with 2 3/4 Tubing to 13908 total to in hole
462

Glady's Mcall #1
T165-R5W East Crab Lake
Cameron Parish La Sec #17825

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES			PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER	SLIP INSERT		DRILLER	<u>R Fouchet</u>	UNIT <u>10</u>	HRS. @ \$ _____ \$ _____
DIESEL	T.I.W.		DERRICK MAN	<u>R Thomas</u>		@ \$ _____ \$ _____
STRIPPER	PIPE RACK		HELPER	<u>E Poudair</u>		@ \$ _____ \$ _____
POWER SUB.	SHAKER		HELPER	<u>M Norwood</u>		@ \$ _____ \$ _____
TRUCKING	2 nd PUMP		HELPER			@ \$ _____ \$ _____
GENERATOR	CENTRIFUGAL					@ \$ _____ \$ _____
EXTRA LABOR	GUARD					@ \$ _____ \$ _____
SUPPLIES	PIPE DOPE					@ \$ _____ \$ _____
RAMS	MISC.					@ \$ _____ \$ _____
LONG DIES						@ \$ _____ \$ _____

TOOLPUSHER Rouge Fouchet COMPANY REPRESENTATIVE _____

JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann'lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



TICKET 5520

REPORT NO. 15

DAILY WORKOVER REPORT

COMPANY B.O.F. DATE 10-5-93
FIELD East Crab Lake LEASE Gladys Meall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when well is</u> <u>R/I's do not pass</u> <u>under line mag</u> <u>back safe</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Arm _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____ Hydri _____		Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____ Vis. _____		Depth _____		Footage Made _____	

700-730 1/2 hr. Held safety meeting to see Rig & Eggs
730-930 2 1/2 hr. Break in Tough 2 3/4 tubing
930-430 3/4 hr. Push with 2 3/4 tubing 231' at 1/2
430-730 R/L well R/T's wait on other in area
R/L with 3 1/2" jet cutter
730-830 1 hr. Made shut at 130' depth on index of cut
cutter fired
830-930 1 hr. R/L Pump on 5" att. In cir. press. 2000 no
movement
930-1000 1/2 hr. R/L well shut well in for night

Gladys Meall #1 Dec. 27-
THS-R 5 in East Crab Lake
Field Cameron Parish La Ser# 174825

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES			PERSONNEL	UNIT <u>15</u>	TIME DISTRIBUTION	
					HRS. @ \$	\$
PIPEWIPER		SLIP INSERT	DRILLER <u>D Touchet</u>		@ \$	\$
DIESEL		T.I.W.	DERRICK MAN <u>Stearns</u>		@ \$	\$
STRIPPER		PIPE RACK	HELPER <u>E. Ashcraft</u>		@ \$	\$
POWER SUB.		SHAKER	HELPER <u>M. Thomas</u>		@ \$	\$
TRUCKING		2 nd PUMP	HELPER		@ \$	\$
GENERATOR		CENTRIFUGAL			@ \$	\$
EXTRA LABOR		GUARD			@ \$	\$
SUPPLIES		PIPE DOPE			@ \$	\$
RAMS		MISC.			@ \$	\$
LONG DIES					@ \$	\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6821

REPORT NO. 16

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-6-93

FIELD East Crab Lake LEASE Shady Mall WELL NO. 1

PARISH OR COUNTY Cameron STATE LA RIG NO. 3

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>stay clear of well</u> <u>when making</u> <u>adjusts</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Am _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

900-900-7hr RIh casing jacks and work 5" to 52200#
in att. to open att 13000ft
900-900-2hr RIh with well to 13000ft made shot no
indoor of cut
530-730-2hr Make up air charge to well RIh 3000ft
made shut 900 h with well
730-800 hook up mud pump to 5" att Break air
press 3000* on 5" then open pump
900-900-4hr Bleed off 7" to 150 RBL's tank shut well
in for night

Shady Mall #1 Dec 27-
T155 - R5W East Crab Lake
well Cameron Parish LA Dec #1748.

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>		UNIT <u>13 1/2</u>	HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN <u>D Stinson</u>			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>E England</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER <u>M Norwood</u>			@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annlly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

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ug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 5322

REPORT NO. 17

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-7-93
FIELD East Crab Lake LEASE Gladys McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING	Last Casing Setting	Size	Depth	Max Bit	Screen Setting	Size	Interval	Tubing Setting	Size	Type	Amt.

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____	_____	Closing Depth _____	Bit Size _____
Mud Type _____	_____	Size _____	_____	Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____	_____	Footage Made _____	_____

800-830-1/2 hr. Hold safety meeting & per Rig & Equip.
830-1200-3/4 hr. open well & work 5" to 3500 pump press =
406000 pounds pull on 5" with casing jack
1200-200-2 hr. R/L 4TS well make string shot R/L to
1200 - 17 with = 31 ft. of stretch + 8 = 36
200-230-1/2 hr. work 5" to 464000" pull on 5" with jack
230-400- make up string shot 3/4" on R/L 2nd with 4/4
400-430-1/2 hr. work 5" with casing jack to
430-500 R/L well
500-730-2 hr. R/L 234 & R/L casing Tongs & Equip.

Gladys McCall #1 Dec 27 -
7155 - R5W East Crab Lake
Field Cameron Parish La Dec 1748

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		None		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT	HRS. @ \$
PIPEWIPER		SLIP INSERT		DRILLER	D. Touchette	11/5	\$
DIESEL		T.I.W.		DERRICK MAN	Stearns		\$
STRIPPER		PIPE RACK		HELPER	M. Morris		\$
POWER SUB.		SHAKER		HELPER	E. Palford		\$
TRUCKING		2 nd PUMP		HELPER			\$
GENERATOR		CENTRIFUGAL					\$
EXTRA LABOR		GUARD					\$
SUPPLIES		PIPE DOPE					\$
RAMS		MISC.					\$
LONG DIES							\$

TOOLPUSHER Douglas Touchette COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ily.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

king
and/or
completion
and Battery Installation
drilling Services
all Water Wells
plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6823

REPORT NO. 18

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-8-93
FIELD East Crab Lake LEASE Madys Mcall WELL NO. 1
PARISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Don't stand near</u> <u>jacking when</u> <u>jacking casing</u>	Last Casing Setting }	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Amt. _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

10-730-45 Held safety meeting & ran Rig & Equip
730 start jacking 5' casing out unable to pull with Rig
cutting into it and hanging 38 ft long lay out 13 ft.

Madys Mcall #1 Dec 27-
7155-R 5W East Crab Lake
Cameron Parish La Lic #174475

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST
	YES	NO	
SUPPLIES		<u>None</u>	
FUEL			
TRUCKING			

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER	<u>Douglas Touchet</u>	UNIT <u>12</u>	HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN	<u>R. Stevens</u>		@ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>E. Paspart</u>		@ \$ _____
POWER SUB.		SHAKER		HELPER	<u>M. Woodward</u>		@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annually.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

drilling
overhaul
completion
and Battery Installation
turning Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6824

REPORT NO. 19

DAILY WORKOVER REPORT

COMPANY DoE DATE 10-9-93
FIELD East Crab Lake LEASE Shady McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>was held</u> <u>when we took</u> <u>to cut with</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Ami _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis _____	Depth _____	Footage Made _____		

700-730-1/2 hr. Held safety meeting & set Rig & Equip.
730-500-9 1/2 att. to pull 5" with Rig 250,000# pull unrec
start jacking 5' casing att. to pull with Rig 250,000
unrec every 5' its out

Total jts on ground

Shady McCall #1 Dec 27-1155
R5W East Crab Lake field
Cameron Parish La Ser #174 R25

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>10</u>	HRS. @ \$ _____
PIPEWIPER		SLIP INSERT		DRILLER <u>R. Fouchet</u>			@ \$ _____
DIESEL		T.I.W.		DERRICK MAN <u>D. Stevens</u>			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>E. Fouchet</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER <u>M. Fouchet</u>			@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Bouglas Fouchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annully.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.



TICKET 5825

REPORT NO. 20

DAILY WORKOVER REPORT

MPANY DOE DATE 10-11-93

ELD East Crab Lake LEASE Gladius McCall WELL NO. 1

ARISH OR COUNTY Cameron STATE La RIG NO. 5

resent Perforations _____ Present Packer Setting _____

total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when working high</u> <u>off ground was</u> <u>safety belt at all times</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Am. _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Via _____	Depth _____		Footage Made _____	

700-730-1/2 hr Held safety meeting & ser. Rig & Egm
730-500-7/2 hr att to pull 5" with Rig 25,000# pull success
start jack 5' out of hole
total jts out 32

Gladius McCall #1 Sec 27-T15
R5 W East Crab Lake field
Cameron Parish La Ser #17482

RIG EXPENSE	ACCIDENTS	SUPPLY REQUEST
	YES NO	
SUPPLIES		
FUEL		
TRUCKING		

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER	SLIP INSERT			DRILLER		UNIT	HRS. @ \$
DIESEL	T.I.W.			DERRICK MAN		10	\$
STRIPPER	PIPE RACK			HELPER			\$
POWER SUB.	SHAKER			HELPER			\$
TRUCKING	2 nd PUMP			HELPER			\$
GENERATOR	CENTRIFUGAL						\$
EXTRA LABOR	GUARD						\$
SUPPLIES	PIPE DOPE						\$
RAMS	MISC.						\$
LONG DIES							\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ily.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Well
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6825

REPORT NO. 21

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-12-93
FIELD East Crab Lake LEASE Bladys Mcall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when using jack</u> <u>pump max shall</u> <u>watch signal</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Ann _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING	DRILL DEEPER
Rams _____	Hydril _____	Make & Model _____	Closing Depth _____ Bit Size _____
Mud Type _____	Vis. _____	Size _____	Opening Depth _____ Bit Type _____
Weight _____		Depth _____	Footage Made _____

700-730-1/2 in. Held safety meeting & set Rig & Egan
730-500-9/8 in. jack 5" casing out with Rig & jacks total
gts out 43

Bladys Mcall #1 Dec 27-1155
R/W East Crab Lake field
Cameron Parish La Ser #174825

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER	<u>D. Fouchet</u>	UNIT _____	HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN	<u>D. Tarsone</u>		@ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>M. Rosewood</u>		@ \$ _____
POWER SUB.		SHAKER		HELPER	<u>E. Payant</u>		@ \$ _____
TRUCKING		2 ND PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Fouchet COMPANY REPRESENTATIVE _____
JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann:ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6827

REPORT NO. 22

DAILY WORKOVER REPORT

COMPANY Do E DATE 10-13-93
FIELD East Crab Lake LEASE Bladys Mcall WELL NO. 1
PARISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Keep all hand tools</u> <u>in place at all</u> <u>times</u>	Last Casing Setting	Size _____	Screen Setting
		Depth _____	Size _____
		Max Bit _____	Interval _____
		Tubing Setting	
		Size _____	Type _____
			Amt. _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

700-730-1/2 hr Hold softly muting & run Rig & Egan
730-930-2 hr Break cir with 500# pump press.
930-600-1/2 start jacking 5" casing total jts out 50

Bladys Mcall #1 Dec 27-1/3
25W East Crab Lake field
Cameron Parish La Ser # 174425

RIG EXPENSE	ACCIDENTS	SUPPLY REQUEST	
SUPPLIES _____	YES _____ NO <u>None</u>		
FUEL _____			
TRUCKING _____			

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>A Touchet</u>	UNIT <u>11</u>	HRS. @ \$ _____	\$ _____
DIESEL		T.I.W.		DERRICK MAN <u>E. Tarant</u>		@ \$ _____	\$ _____
STRIPPER		PIPE RACK		HELPER <u>Mac Norwood</u>		@ \$ _____	\$ _____
POWER SUB.		SHAKER		HELPER <u>R. Stere me</u>		@ \$ _____	\$ _____
TRUCKING		2 nd PUMP		HELPER _____		@ \$ _____	\$ _____
GENERATOR		CENTRIFUGAL				@ \$ _____	\$ _____
EXTRA LABOR		GUARD				@ \$ _____	\$ _____
SUPPLIES		PIPE DOPE				@ \$ _____	\$ _____
RAMS		MISC.				@ \$ _____	\$ _____
LONG DIES							

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 14-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6826

REPORT NO. 23

DAILY WORKOVER REPORT

COMPANY Do E DATE 10-14-93
FIELD East Crude Lake LEASE Madame Macall WELL NO. 5
PARISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Rupall Tools</u> <u>Clear & safe to</u> <u>work with</u>	Last Casing Setting }	Size _____	Screen Setting _____	Tubing Setting _____
		Depth _____	Size _____	Type _____
		Max Bit _____	Interval _____	Ami _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

700-730-1/2 hr. Held safety meeting to see Rig & Equip.
230-930-1/2 hr. Break in with 500' pump stroke
830 start jacking to sea. Rig in pulling 5" casing
Total jtc out 57

Madame Macall #1 Dec 27-T15
R5W East Crude Lake field
Cameron Parish La. Ser # 174925

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Truchet</u>	UNIT <u>11</u>	HRS. @ \$	\$
DIESEL		T.J.W.		DERRICK MAN <u>E. P. P. P.</u>		@ \$	\$
STRIPPER		PIPE RACK		HELPER <u>M. P. P.</u>		@ \$	\$
POWER SUB.		SHAKER		HELPER <u>M. P. P.</u>		@ \$	\$
TRUCKING		2 nd PUMP		HELPER		@ \$	\$
GENERATOR		CENTRIFUGAL				@ \$	\$
EXTRA LABOR		GUARD				@ \$	\$
SUPPLIES		PIPE DOPE				@ \$	\$
RAMS		MISC.				@ \$	\$
LONG DIES						@ \$	\$

TOOLPUSHER Douglas Truchet COMPANY REPRESENTATIVE _____
JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6829

REPORT NO. 24

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-15-93
FIELD East Coal Lake LEASE Gladys McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>no work floor</u> <u>is high level</u> <u>has nothing on floor</u> <u>and nothing on rig</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____ Type _____ Amt _____
		Depth _____		
		Max Bit _____		

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

700-750-lbs Field safety Meeting & run rig & Equip
730-800-lbs start pulling 5" out of hole 190,000 with Rig
slow speed total at 5" out of hole 126

Gladys McCall #1 Dec 27-THS
R&W East Coal Lake field
Cameron Parish La Ser #174825

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Touchet</u>	UNIT <u>11</u>	HRS. @ \$	
DIESEL		T.I.W.		DERRICK MAN <u>R. Starnes</u>		@ \$	
STRIPPER		PIPE RACK		HELPER <u>M. Norwood</u>		@ \$	
POWER SUB.		SHAKER		HELPER <u>B. Williams</u>		@ \$	
TRUCKING		2 nd PUMP		HELPER		@ \$	
GENERATOR		CENTRIFUGAL				@ \$	
EXTRA LABOR		GUARD				@ \$	
SUPPLIES		PIPE DOPE				@ \$	
RAMS		MISC.				@ \$	
LONG DIES						@ \$	

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann:ly.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



TICKET 6830

REPORT NO. 25

DAILY WORKOVER REPORT

COMPANY D.O.E DATE 10-16-93

FIELD East Crab Lake LEASE Gladys Marshall WELL NO. 1

PARISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when entering</u> <u>area observe all</u> <u>signs & Rules</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Ann _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

700-730-1/2 hr. Held safety meeting & see Rig & Equip
730-830-1/2 hr. Run casing tongs
830-600-9/16 in. start pull with 5" casing total jts out
of hole 19k backing out with casing tongs

Gladys Marshall #1 Sec. 27-
T155- R5W East Crab La
field Cameron Parish La
Sec # 174825

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER	SLIP INSERT			DRILLER		UNIT <u>11</u>	HRS. @ \$ _____
DIESEL	T.J.W.			DERRICK MAN	<u>D. Zouchet</u>		@ \$ _____
STRIPPER	PIPE RACK			HELPER	<u>M. Howard</u>		@ \$ _____
POWER SUB.	SHAKER			HELPER	<u>D. Zouchet</u>		@ \$ _____
TRUCKING	2 nd PUMP			HELPER			@ \$ _____
GENERATOR	CENTRIFUGAL						@ \$ _____
EXTRA LABOR	GUARD						@ \$ _____
SUPPLIES	PIPE DOPE						@ \$ _____
RAMS	MISC.						@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Zouchet COMPANY REPRESENTATIVE _____

JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 5831

REPORT NO. 26

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-17-93
FIELD East Crat Lake LEASE Shady Meath WELL NO. 1
PARISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when moving Equip in on 5" casing out from back log</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Ami _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

700-730-1/2 hr. Held safety meeting & set Rig & Equip
730 prob with 5" casing total jts on ground 218
Loaded out 120 jts on mach. Job

RIG EXPENSE	ACCIDENTS	SUPPLY REQUEST	
	YES NO		
SUPPLIES			
FUEL			
TRUCKING			

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>R. Touchet</u>		UNIT <u>11</u>	HRS. @ \$ _____ \$
DIESEL		T.I.W.		DERRICK MAN <u>E. T. Galt</u>			@ \$ _____ \$
STRIPPER		PIPE RACK		HELPER <u>B. Stevens</u>			@ \$ _____ \$
POWER SUB.		SHAKER		HELPER <u>D. L. Galt</u>			@ \$ _____ \$
TRUCKING		2 nd PUMP		HELPER			@ \$ _____ \$
GENERATOR		CENTRIFUGAL					@ \$ _____ \$
EXTRA LABOR		GUARD					@ \$ _____ \$
SUPPLIES		PIPE DOPE					@ \$ _____ \$
RAMS		MISC.					@ \$ _____ \$
LONG DIES							@ \$ _____ \$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann:ly.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6832

REPORT NO. 27

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-18-93
FIELD East Creek Lake LEASE Blodge McCall WELL NO. 1
PARISH OR COUNTY Camden STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when lifting</u> <u>heavy load</u> <u>each other</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Type _____
		Max Bit _____	Interval _____	Ann _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

100-730-4 in. Held safety meeting to see Rig to exp
730-600-10 1/2 inch with 5" casing total jte of 5" out
of hole 301

Blodge McCall #1 sec 27-TB
R5W East Creek Lake field
Camden Parish La. Sec #17482

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER	<u>D. Touchet</u>	UNIT <u>11</u>	HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN	<u>E. Touchet</u>		@ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>C. Touchet</u>		@ \$ _____
POWER SUB.		SHAKER		HELPER	<u>D. Touchet</u>		@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Blodge McCall COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6833

REPORT NO. 28

DAILY WORKOVER REPORT

COMPANY ROE DATE 10-18-93
FIELD East Crak Lake LEASE Gladys McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Emergency meeting</u> <u>on your work at</u> <u>all times not to get hurt</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Am. _____

B. O. P. TEST PRESSURES	PRODUCTION PRESSURE SETTING	DRILL DEEPER
Rams _____ Hydri _____	Make & Model _____	Closing Depth _____ Bit Size _____
Mud Type _____	Size _____	Opening Depth _____ Bit Type _____
Weight _____ Vis. _____	Depth _____	Footage Made _____

200-730-1/2 in. Field safety meeting on rig & Egan
730-100-5 in. 5" casing total into of 5"
out of hole 361 =
100-300-2 in. R/D 5" casing Egan & load out Tools & 60 ft 5" total
Loaded out 240
300-400-2 in. R/D 2 3/4 Egan
400-600-2 in. R/D with 2 3/4 tubing over end

Gladys McCall #1 Dec 27-91
R/W East Crak Lake field
Cameron Parish La. Lot #1748

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES			PERSONNEL	TIME DISTRIBUTION
				UNIT <u>11</u> HRS. @ \$ _____ \$ _____
PIPEWIPER		SLIP INSERT	DRILLER <u>D. Truchet</u>	@ \$ _____ \$ _____
DIESEL		T.I.W.	DERRICK MAN <u>E. Parfait</u>	@ \$ _____ \$ _____
STRIPPER		PIPE RACK	HELPER <u>D. Leht</u>	@ \$ _____ \$ _____
POWER SUB.		SHAKER	HELPER <u>M. Norwood</u>	@ \$ _____ \$ _____
TRUCKING		2 nd PUMP	HELPER	@ \$ _____ \$ _____
GENERATOR		CENTRIFUGAL		@ \$ _____ \$ _____
EXTRA LABOR		GUARD		@ \$ _____ \$ _____
SUPPLIES		PIPE DOPE		@ \$ _____ \$ _____
RAMS		MISC.		@ \$ _____ \$ _____
LONG DIES				@ \$ _____ \$ _____

TOOLPUSHER Douglas Truchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6834

REPORT NO. 29

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-20-93
FIELD East Crab Lake LEASE Bladys McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when using chains</u> <u>on anchor stand</u> <u>away from tubing</u>	Last Casing Setting }	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Amt _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

700-730-1/2 hr Hold safety meeting & run Rig & Equip
730-1100-3/4 hr RIB with 2 3/4 tubing to 6946 ft
1100-1200-1 hr Break in 700" on pump
1200-430-4 1/2 hr pump RIB to 13917 ft
430-600-1 1/2 hr off load short & spot by Rig Floor

Total jts 5' - 19" P110 Loaded out on Mack Lake 372 jts

Bladys McCall #1 Dec. 27 - T11
R5W East Crab Lake field
Cameron Parish, La. Ser #1748

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES			PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT	DRILLER <u>D. Fouchet</u>		UNIT <u>11</u>	HRS. @ \$ _____ \$ _____
DIESEL		T.I.W.	DERRICK MAN <u>E. Parfait</u>			@ \$ _____ \$ _____
STRIPPER		PIPE RACK	HELPER <u>M. Norwood</u>			@ \$ _____ \$ _____
POWER SUB.		SHAKER	HELPER <u>D. Ledet</u>			@ \$ _____ \$ _____
TRUCKING		2 nd PUMP	HELPER			@ \$ _____ \$ _____
GENERATOR		CENTRIFUGAL				@ \$ _____ \$ _____
EXTRA LABOR		GUARD				@ \$ _____ \$ _____
SUPPLIES		PIPE DOPE				@ \$ _____ \$ _____
RAMS		MISC.				@ \$ _____ \$ _____
LONG DIES						@ \$ _____ \$ _____

TOOLPUSHER Douglas Fouchet COMPANY REPRESENTATIVE _____
JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6835

REPORT NO. 30

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-21-93
FIELD East Crab Lake LEASE Gladys McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING
Run all tool and
open chain & open
to work with

Last
Casing } Size _____
Setting } Depth _____
Max Bit _____

Screen Setting
Size _____
Interval _____

Tubing Setting
Size _____
Type _____
Amt. _____

B. O. P. TEST PRESSURES
Rams _____ Hydri _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING
Make & Model _____
Size _____
Depth _____

DRILL DEEPER
Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-730-4hr Held safety meeting & per Rig & Eam.
730-930-2hr RTH with 2 3/4 tubing total ft 13917.81
930-600-9 1/2 each with 2 3/4 tubing from 13917.81 ft to
5313.45 ft. Total gta out 173 Layed out on trailer

2 1/4 tubing Jongs
10-21-93

Gladys McCall #1 Dec 27-71
25W East Crab Lake field
Cameron Parish, La. Ser #1748

RIG EXPENSE	ACCIDENTS	SUPPLY REQUEST
	YES NO	
SUPPLIES		
FUEL		
TRUCKING		

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER	SLIP INSERT			DRILLER		UNIT	HRS. @ \$
DIESEL	T.I.W.			DERRICK MAN		11	\$
STRIPPER	PIPE RACK			HELPER			\$
POWER SUB.	SHAKER			HELPER			\$
TRUCKING	2 ND PUMP			HELPER			\$
GENERATOR	CENTRIFUGAL						\$
EXTRA LABOR	GUARD						\$
SUPPLIES	PIPE DOPE						\$
RAMS	MISC.						\$
LONG DIES							\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6836

REPORT NO. 31

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-22-93
FIELD East Crak Lake LEASE Gladys McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when pump with</u> <u>over on line</u> <u>stood class of time</u>	Last Casing Setting	Size _____	Screen Setting
		Depth _____	Size _____
		Max Bit _____	Interval _____
		Tubing Setting	
		Size _____	Type _____
			Art. _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

700-750-1/2 hr Held Safety Meeting & over Rig & Equip
730-1000-5 hr start pool laying down 2 3/4 tubing stop at
6500 ft
1000-300-2 hr corid mud at 6500 ft
300- pool Backing Back 2 3/4 tubing

Rice slipping on tubing
Tubing Log 10-22-93
Gladys McCall #1 Dec 27-715
R5W East Crak Lake field
Cameron Parish La Dec #17482

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Fouchet</u>		UNIT <u>11</u>	HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN <u>E. P. Pajot</u>			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>M. Norwood</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER <u>D. B. Terrence</u>			@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Fouchet COMPANY REPRESENTATIVE _____
JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6837

REPORT NO. 32

DAILY WORKOVER REPORT

COMPANY DOF DATE 10-23-93
FIELD East Creek Lake LEASE Wadys Mcall WELL NO. 1
PARISH OR COUNTY Camden STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>shown all signs</u> <u>of a bad condition</u> <u>around well head</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Am. _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Via _____	Depth _____		Footage Made _____	

700-730-1/2 hr Held safety meeting & over Rig & Equip.
730-1000-2 1/2 hr Pook with 2 1/2 tubing
1000-1130-1 1/2 hr RIL 5/1 make up shot RIL to 5500 ft
pick up collar at 5499 ft made shot back well
1130-1200-1/2 hr back up pump etc. to break down 2000# sensor
1200-130-1 1/2 hr make up shot RIL with well to 5000 ft
make shot back with well
130-200-1/2 hr Pook up on casing 2500# in movement
200-300-1 hr RIL with well tag mud 100 ft higher
35 ft below well head

RID tubing tonge Wadys Mcall #1 Dec 27
Tubing tonge hooking T155-25W East Creek Lake field
from where hole on bank Camden Parish La. Ser. #174825

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>		UNIT <u>8</u>	HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN <u>D Stevens</u>			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>M. Norwood</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER			@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Roughs Touchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 5838

REPORT NO. 33

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-25-93
FIELD East Coast Lake LEASE Gladys McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Limit stand under</u> <u>load when picking</u> <u>up block</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Am. _____

B. O. P. TEST PRESSURES	PRODUCTION PRESSURE SETTING	DRILL DEEPER
Rams _____ Hydril _____	Make & Model _____	Closing Depth _____ Bit Size _____
Mud Type _____	Size _____	Opening Depth _____ Bit Type _____
Weight _____ Vis. _____	Depth _____	Footage Made _____

700-730-1/2 hr. Held safety meeting & over Rig & Equip
730-800-1/2 hr. R/D 2 3/4 Equip. R/D HD & spool in tubing
spool
800-830-1/2 hr. R/M casing jacks
400-500-1/2 hr. att. to gear 7" casing could not get
grapple to enter 7" casing opposite shape
500-600-1/2 hr. R/D casing jacks

Gladys McCall #1 Sec 27-T15
R5W East Coast Lake field
Cameron Parish La. Sec #174925

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST
	YES	NO	
SUPPLIES		<u>None</u>	
FUEL			
TRUCKING			

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER	<u>D. Fouchet</u>	UNIT	HRS. @ \$ _____ \$ _____
DIESEL		T.I.W.		DERRICK MAN	<u>E. Fouchet</u>		@ \$ _____ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>D. Stevens</u>		@ \$ _____ \$ _____
POWER SUB.		SHAKER		HELPER	<u>D. Ledet</u>		@ \$ _____ \$ _____
TRUCKING		2 ND PUMP		HELPER	<u>D. McLeod</u>		@ \$ _____ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____ \$ _____
EXTRA LABOR		GUARD					@ \$ _____ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____ \$ _____
RAMS		MISC.					@ \$ _____ \$ _____
LONG DIES							@ \$ _____ \$ _____

TOOLPUSHER Douglas Fouchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6839

REPORT NO. 34

DAILY WORKOVER REPORT

COMPANY BOE DATE 10-26-93

FIELD East Creek Lake LEASE Gladya Mcall WELL NO. _____

PARISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING _____ _____ _____	Last Casing } Setting }	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Am _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis _____	Depth _____		Footage Made _____	

700-730-lbs Held safety meeting & over rig & Egan
730-100-lbs would pull int. to 7" casing
100-200-lbs R/L casing jacks
200-300-lbs att. to pull 7" casing off slips success 3000# on
jacks = 344,000# pull
300-400-lbs att. to pump on 9 5/8 success 3000# pump pressure
400-600-lbs att. to move 7" with jack at 3500 pump
pressure = 406,000 pull success
600-700-lbs make up shot R/L with well made 4000 ft
back well
700-730 att. to pump down 9 5/8 & jack success 3500# pressure
730-750 Make up shot R/L to 3000 ft
7" pressure at 3000 ft

Gladya Mcall #1 Dec. 27 T15:
25 W East Creek Lake field
Cameron Parish La Ser 174425

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER	<u>D. Zuchet</u>	UNIT <u>14</u>	HRS. @ \$ _____ \$
DIESEL		T.I.W.		DERRICK MAN	<u>E. Tashit</u>		@ \$ _____ \$
STRIPPER		PIPE RACK		HELPER	<u>D. Stevens</u>		@ \$ _____ \$
POWER SUB.		SHAKER		HELPER	<u>D. Sedet</u>		@ \$ _____ \$
TRUCKING		2 nd PUMP		HELPER	<u>D. McLeod</u>		@ \$ _____ \$
GENERATOR		CENTRIFUGAL					@ \$ _____ \$
EXTRA LABOR		GUARD					@ \$ _____ \$
SUPPLIES		PIPE DOPE					@ \$ _____ \$
RAMS		MISC.					@ \$ _____ \$
LONG DIES							@ \$ _____ \$

TOOLPUSHER Douglas Zuchet COMPANY REPRESENTATIVE _____

JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6840

REPORT NO. 35

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-27-93
FIELD East Crab Lake LEASE Gladys Mcall WELL NO. 1
PARISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING	Last Casing Setting	Size Depth Max Bit	Screen Setting Size Interval	Tubing Setting Size Type Amt.

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____	Size _____	Closing Depth _____	Bit Size _____
Mud Type _____	Vis _____	Size _____	Depth _____	Opening Depth _____	Bit Type _____
Weight _____	Vis _____	Depth _____		Footage Made _____	

700-730-1/2 hr Held safety meeting in our Rig & Eggs
80-820-1/2 hr casing slips in well had missing casing sitting
in casing slip bowl
800-820-1/2 hr att to pull slips with casing jacks success
1200-200-2 hr pull 9 5/8 head off well
200-300-1 hr Run jacks & att to work 7" casing free success
300-500-2 hr Remove spool to 9 5/8 casing
500-600-1 hr work 7" casing in attempt to free success

Gladys Mcall #1 27 T155
R5W East Crab Lake pier
Cameron Parish La. Sec #17482

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		None		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT	HRS. @ \$
PIPEWIPER		SLIP INSERT		DRILLER	<u>D Touchet</u>	<u>11</u>	\$ _____
DIESEL		T.I.W.		DERRICK MAN	<u>E. T. T. T.</u>		\$ _____
STRIPPER		PIPE RACK		HELPER	<u>M. T. T. T.</u>		\$ _____
POWER SUB.		SHAKER		HELPER	<u>D. T. T. T.</u>		\$ _____
TRUCKING		2 nd PUMP		HELPER	<u>A. McLeod</u>		\$ _____
GENERATOR		CENTRIFUGAL					\$ _____
EXTRA LABOR		GUARD					\$ _____
SUPPLIES		PIPE DOPE					\$ _____
RAMS		MISC.					\$ _____
LONG DIES							\$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6841

REPORT NO. 36

DAILY WORKOVER REPORT

COMPANY D.O.E. DATE 10-28-93
FIELD East Crab Lake LEASE Gladys McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when opening</u> <u>Valve on well</u> <u>don't break pipe</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Am _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

700-730-1/2 hr. Held safety meeting & set Rig & Egan
730-600-10-1/2 hr. Rig set. To cut well head with 8 ft Deep
600-700-1/2 hr. cut windows in casing

Gladys McCall #1 27-T155-R51
East Crab Lake field Cameron
Parish La Ser #174425

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>Douglas Touchet</u>		UNIT <u>12</u>	HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN <u>E. Papiant</u>			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>M. Woodward</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER <u>D. Ladez</u>			@ \$ _____
TRUCKING		2 nd PUMP		HELPER <u>A. McCall</u>			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 5842

REPORT NO. 37

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-29-93
FIELD East Crab Lake LEASE Glades Mcall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 3

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Make sure there is no gas around when using torch</u>	Last Casing Setting	Size _____ Depth _____ Max Bit _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____ Type _____ Ann _____
--	---------------------	--	--	---

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____	Size _____	Closing Depth _____	Bit Size _____
Mud Type _____	Weight _____	Depth _____	Size _____	Opening Depth _____	Bit Type _____
Vis. _____	Vis. _____	Depth _____	Footage Made _____		

700-730-1/2 hr Held safety meeting & set Rig & Equip
730-1200-4 1/2 hr cut 13 3/4 casing & 9 5/8 casing & 20"
1200-430-4 1/2 work 7" pipe slips holding collar
430-530-1 hr cut 7" lift nipple & lay down casing heads
530-600-1/2 hr 2 1/2 work floor

Glades Mcall #1 sec 27-T155
R5W East Crab Lake field Cameron
Parish La ser# 174825

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES _____		<u>None</u>		
FUEL _____				
TRUCKING _____				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
				UNIT <u>11</u>	HRS. @ \$	\$	
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>		@ \$	\$
DIESEL		T.I.W.		DERRICK MAN <u>E. Pasfite</u>		@ \$	\$
STRIPPER		PIPE RACK		HELPER <u>M. Harwood</u>		@ \$	\$
POWER SUB.		SHAKER		HELPER <u>R. Stevens</u>		@ \$	\$
TRUCKING		2 nd PUMP		HELPER <u>D. McLeod</u>		@ \$	\$
GENERATOR		CENTRIFUGAL				@ \$	\$
EXTRA LABOR		GUARD				@ \$	\$
SUPPLIES		PIPE DOPE				@ \$	\$
RAMS		MISC.				@ \$	\$
LONG DIES						@ \$	\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Purging Services
Salt Water Wells
Plug & Abandon



TICKET 5843

REPORT NO. 38

DAILY WORKOVER REPORT

COMPANY DOF DATE 10-30-93

FIELD East Crab Lake LEASE Bladys Mcall WELL NO. 1

PARISH OR COUNTY Camden STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING
when laying down
casing work with
each other & blow

Last
Casing
Setting

APPROX 93

Size 7 1/2" 38" Butts

Depth 3000 ft

Max Bit _____

Screen Setting

Size _____

Interval _____

Tubing Setting

Size _____

Type _____

Am _____

B. O. P. TEST PRESSURES

Rams _____ Hydri _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____
Size _____
Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-730-1/2 hr Held safety meeting & set rig & Equip
730-600-1/2 hr pool with 7 1/2" 38" pipe casing Butts & 3000 ft
67 ft out

Bladys Mcall #1 Dec 27 - T155

Rt East Crab Lake field

Camden Parish La Serial No 174

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>11</u>	HRS. @ \$ _____
PIPEWIPER		SLIP INSERT		DRILLER	<u>P. Touchet</u>		@ \$ _____
DIESEL		T.I.W.		DERRICK MAN	<u>E. Tarpail</u>		@ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>M. Norwood</u>		@ \$ _____
POWER SUB.		SHAKER		HELPER	<u>D. Stevens</u>		@ \$ _____
TRUCKING		2 nd PUMP		HELPER	<u>O. McLean</u>		@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ily.

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Drilling
Workover
Completion
Tank Battery Installation
Purging Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 5844

REPORT NO. 39

DAILY WORKOVER REPORT

COMPANY DOE DATE 10-11-93
FIELD East Crab Lake LEASE Glades McCall WELL NO. 1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when missing</u> <u>cost are chemical</u> <u>near well head</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____ Max Bit _____		Type _____ Amt _____
B. O. P. TEST PRESSURES Rams _____ Hydril _____ Mud Type _____ Weight _____ Vis _____		PRODUCTION PRESSURE SETTING Make & Model _____ Size _____ Depth _____		DRILL DEEPER Closing Depth _____ Bit Size _____ Opening Depth _____ Bit Type _____ Footage Made _____

100-730-1/2" Field splitting Meeting & run Rig & Egan
130-1020-4" log out 71 ita 7" casing total ita on ground 71
1030-1130-1/2" R/D casing run & R/LM 234' run
1130-230-2 1/2" R/I h with 2 3/4" tubing to 3115 ft
230-530-3/4" pack with 2 3/4" tubing layed out 80 ita

Total ita 71-39# Buttons Glades McCall #1 Dec 27-1155
Armo 95 Made in USA R5W East Crab Lake field
71 ita 3000 ft Cameron Parish La. ser. #174825

RIG EXPENSE <u>Road to Pick up</u>	ACCIDENTS		SUPPLY REQUEST	
<u>total Hydraulic & gravel</u>	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES		PERSONNEL	TIME DISTRIBUTION
PIPEWIPER	SLIP INSERT	DRILLER <u>D Touchet</u>	UNIT <u>10 1/2</u> HRS. @ \$ _____ \$ _____
DIESEL	T.I.W.	DERRICK MAN <u>E. Poffitt</u>	@ \$ _____ \$ _____
STRIPPER	PIPE RACK	HELPER <u>M. Perwood</u>	@ \$ _____ \$ _____
POWER SUB.	SHAKER	HELPER <u>D. Parsons</u>	@ \$ _____ \$ _____
TRUCKING	2 nd PUMP	HELPER <u>D. Dot</u>	@ \$ _____ \$ _____
GENERATOR	CENTRIFUGAL		@ \$ _____ \$ _____
EXTRA LABOR	GUARD		@ \$ _____ \$ _____
SUPPLIES	PIPE DOPE		@ \$ _____ \$ _____
RAMS	MISC.		
LONG DIES			

TOOLPUSHER Roylone Touchet COMPANY REPRESENTATIVE _____
JOB NO. 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annully.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6845

REPORT NO. 40

DAILY WORKOVER REPORT

COMPANY DOE DATE 11-2-93

FIELD East Crab Lake LEASE Glades McCall WELL NO. 1

PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when morning began with touch don't stand before truck</u>	Last Casing Setting } Size _____ Depth _____ Max Bit _____	Screen Setting	Tubing Setting
		Size _____	Size _____
		Interval _____	Type _____
			Amf. _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

700-730-1/2 hr. Held safety meeting & set Rig & Equip.
730-1100-3/4 hr. to 3100 ft with 2 3/4 Tubing
1100-1110-1/2 hr. Ready to mix cement
1130-2302 hr. Mix & pump in 5 K5 cement = 13.03 BBL's for 100 ft in 7' & 100 ft in 9 5/8 casing
2300-530-3 hr. pack with 2 3/4 Tubing

Glades McCall #1 sec 27-T1.5
R5W East Crab Lake field
Cameron Parish La sur #174825

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Touchet</u>		UNIT <u>10 1/2</u>	HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN <u>E. Pagnini</u>			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>Max Pagnini</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER <u>R. Legett</u>			@ \$ _____
TRUCKING		2 ND PUMP		HELPER <u>D. Thaxton</u>			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annually.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

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Water Wells
& Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6846

REPORT NO. 41

DAILY WORKOVER REPORT

MPANY DOE DATE 11-3-93
LE East Crak Lake LEASE Madys McCall WELL NO. 1
RISH OR COUNTY Cameron STATE LA RIG NO. 5

sent Perforations _____ Present Packer Setting _____

J Depth _____ Present Depth _____ Type Plug _____

ETY MEETING

See Rig Log for
work watch, catch
to change up

Last
Casing
Setting

Size
Depth
Max Bit

Screen Setting
Size
Interval

Tubing Setting

Size
Type
Amt

B. O. P. TEST PRESSURES

Hydril _____
Type _____
Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____
Size _____
Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

730-45hr Field safety Meeting & ser Rig & Equip
1000-3hr P.O.C. with 239 tubing total ft 3100
1130-15hr R/D 239 Equip & get Rig Ready to R/D
230-75hr R/D Rig & wrap cables
430-1hr set top plug with 10SKS cont & pump pick
1 Equip
500-15hr clean up Loc. & Remove marsh anchors

Field Tubing Logs

239# 95 Butane Casing P110

Madys McCall #1 Dec 27

1155-25hr East Crak Lake field

Cameron Parish La. Loc #174825

EXPENSE

ACCIDENTS

SUPPLY REQUEST

IES

KING

3RD PARTY CHARGES

PERSONNEL

TIME DISTRIBUTION

WIPER	SLIP INSERT	DRILLER	UNIT	HRS.	@ \$	\$
EL	T.I.W.	DERRICK MAN	10			
PPER	PIPE RACK	HELPER				
ER SUB.	SHAKER	HELPER				
CKING	2 ND PUMP	HELPER				
ERATOR	CENTRIFUGAL					
A LABOR	GUARD					
LIES	PIPE DOPE					
S	MISC.					
DIES						

PUSHER Bouglas Zouchet COMPANY REPRESENTATIVE _____

NO 24-5 ORDER NO. _____ CONTRACT NO. _____ JOB 24-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annually.

Account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6847

REPORT NO. 21

DAILY WORKOVER REPORT

COMPANY DOE DATE 11-4-93
FIELD East Crab Lake LEASE Gladys McCall WELL NO SWD #1
PARISH OR COUNTY Cameron STATE LA RIG NO 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>put at hand</u> <u>ride on walk</u> <u>ways & work floor</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Ami _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

700-730-hrs Held Safety Meeting & ser. Rig & Equip
730-1200-4 1/2 hrs Break lines off Gladys McCall SWD #1 &
Rig out seller.
1200-430-4 1/2 hrs Move Rig & Equip on SWD well & R/U
Rig
430 Level Rig & put out guy wires

Gladys McCall SWD #1
Dec 27 T155 - R5W East Crab Lake
field Cameron Parish La Ser #159587

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>		UNIT <u>11</u>	HRS. @ \$ _____ \$ _____
DIESEL		T.I.W.		DERRICK MAN <u>D Stevens</u>			@ \$ _____ \$ _____
STRIPPER		PIPE RACK		HELPER <u>M. Norwood</u>			@ \$ _____ \$ _____
POWER SUB.		SHAKER		HELPER <u>D Touchet</u>			@ \$ _____ \$ _____
TRUCKING		2 nd PUMP		HELPER <u>D McLeod</u>			@ \$ _____ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____ \$ _____
EXTRA LABOR		GUARD					@ \$ _____ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____ \$ _____
RAMS		MISC.					@ \$ _____ \$ _____
LONG DIES							@ \$ _____ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 25-5 ORDER NO. _____ CONTRACT NO. _____ JOB 25-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

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Battery Installation
and Services
Water Wells
& Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 8843

REPORT NO. 2

DAILY WORKOVER REPORT

COMPANY DOE DATE 11-5-93
 LD East Crank Lake LEASE Gladya McCall WELL NO SWD#1
 TISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____
 al Depth _____ Present Depth _____ Type Plug _____

MEETING <u>See bottom</u> <u>runners with</u> <u>runners hold with</u>	Last Casing } Setting } Size _____ Depth _____ Max Bit _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____ Type _____ Amt _____
B. O. P. TEST PRESSURES ms _____ Hydril _____ d Type _____ ight _____ Vis. _____		PRODUCTION PRESSURE SETTING Make & Model _____ Size _____ Depth _____	
DRILL DEEPER Closing Depth _____ Bit Size _____ Opening Depth _____ Bit Type _____ Footage Made _____			

70-780-4hr Held safety meeting & run Rig & Egan.
 70-800-4hr open well 0* on tubing 0* on casing back up pump
 300-100-5hr pump in well 3 1/2 BBL's per min pump 50 BBL
 in 14 1/2 min. at 0* per. min.
 100-600-4hr Break Bolts on tree & att. to Remove
 500-800-2hr Mix 200 sha cont for 4 1/2 ft cont = 45 BBL's
 300-1000-2hr pump cont to 3030ft shut well in
 for night
 100-1100-1hr work out tank & pump

Gladya McCall SWD#1
Dec. 27-1155-R5W East Crank Lake
field Cameron Parish La. no #159587

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES			PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT	DRILLER	<u>D Touchet</u>	UNIT <u>16</u>	HRS. @ \$ _____
DIESEL		T.I.W.	DERRICK MAN	<u>E. Lafait</u>		@ \$ _____
STRIPPER		PIPE RACK	HELPER	<u>D. Starnes</u>		@ \$ _____
POWER SUB.		SHAKER	HELPER	<u>D. McLeod</u>		@ \$ _____
TRUCKING		2 nd PUMP	HELPER	<u>M. Norwood</u>		@ \$ _____
GENERATOR		CENTRIFUGAL				@ \$ _____
EXTRA LABOR		GUARD				@ \$ _____
SUPPLIES		PIPE DOPE				@ \$ _____
RAMS		MISC.				@ \$ _____
LONG DIES						@ \$ _____

TOOLPUSHER Rouglas Touchet COMPANY REPRESENTATIVE _____
 JOB NO. 25-5 ORDER NO. _____ CONTRACT NO. _____ JOB 25-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6849

REPORT NO. 3

DAILY WORKOVER REPORT

COMPANY DOE DATE 11-6-93
FIELD East Crab Lake LEASE Madys Mcall WELL NO. SWD #1
PARISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>when pulling 200</u> <u>of well with the</u> <u>stay clear of blocks</u>	Last Casing Setting	Size _____	Screen Setting
		Depth _____	Size _____
		Max Bit _____	Interval _____
		Tubing Setting	
			Size _____
			Type _____
			Amt. _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

800-830-1/2 hr Held safety Meeting & Ser. Rig & Eqm.
830-930-1 hr open well att to test plug success.
930-1200-2 1/2 hr catch 200 BBL's water
1200-100-1 hr get Ready to mix 100 SKS of cmt
100-500-4 hr Mix 100 SKS cmt = 22 BBL'S = 228.9 cft of cmt
shut in press 200*
500-600-1 hr held 200* for 1/2 hr. bleed well to 0#
shut well in for night.

Madys Mcall SWD #1
Sec 37 - T155 - R5 W East Crab L.
field Cameron Parish La Ser #15958

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST
	YES	NO	
SUPPLIES		<u>None</u>	
FUEL			
TRUCKING			

3 rd PARTY CHARGES			PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT	DRILLER <u>D Touchet</u>		UNIT <u>10</u>	HRS. @ \$ _____
DIESEL		T.I.W.	DERRICK MAN <u>E. Paylad</u>			@ \$ _____
STRIPPER		PIPE RACK	HELPER <u>M. Norwood</u>			@ \$ _____
POWER SUB.		SHAKER	HELPER <u>D Stevens</u>			@ \$ _____
TRUCKING		2 nd PUMP	HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL				@ \$ _____
EXTRA LABOR		GUARD				@ \$ _____
SUPPLIES		PIPE DOPE				@ \$ _____
RAMS		MISC.				@ \$ _____
LONG DIES						@ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 25-5 ORDER NO. _____ CONTRACT NO. _____ JOB 25-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 6850

REPORT NO. 4

DAILY WORKOVER REPORT

COMPANY DOE DATE 11-7-93

FIELD East Crab Lake LEASE Shadys McCall WELL NO. SWD #1

PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING

and when mixing
cont. wear snare
over mouth & nose

Last
Casing
Setting

Size
Depth
Max Bit

Screen Setting
Size
Interval

Tubing Setting

Size
Type
Amt.

B. O. P. TEST PRESSURES

Rams _____ Hydri _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____
Size _____
Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

100-730 1/2 hr. Held safety meeting to see rig & Equip
730-830 1 hr. open well at 10 to test snare
830-1200 4 hrs. catch 200 BBL's fresh water
1200-100 1 hr. get ready to mix 100 SKS cont
100-430 3 1/2 hr. Mix 100 SKS cont = 22 BBL's cont pump to
3000 ft. pump price while pumping 400*
430-500 1 hr. Moni. well while wash out cont Tank
& pump shut in 0*

Shadys McCall SWD #1
Total SKS cont in hole 400
Dec 27- T155-R6-W East Crab Lake
field Cameron Parish, La. Dr. #159587

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>10</u>	HRS. @ \$
PIPEWIPER		SLIP INSERT		DRILLER	<u>D. Zuchet</u>		\$
DIESEL		T.I.W.		DERRICK MAN	<u>E. Lofhart</u>		\$
STRIPPER		PIPE RACK		HELPER	<u>M. Norwood</u>		\$
POWER SUB.		SHAKER		HELPER	<u>A. Ledet</u>		\$
TRUCKING		2 nd PUMP		HELPER	<u>A. Stevens</u>		\$
GENERATOR		CENTRIFUGAL					\$
EXTRA LABOR		GUARD					\$
SUPPLIES		PIPE DOPE					\$
RAMS		MISC.					\$
LONG DIES							\$

TOOLPUSHER Rougha Zuchet COMPANY REPRESENTATIVE _____
JOB NO 25-5 ORDER NO. _____ CONTRACT NO. _____ JOB 25-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ily.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

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in Battery Installation
Trapping Services
Water Wells
g & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7651

REPORT NO. 5

DAILY WORKOVER REPORT

COMPANY DOE DATE 11-4-93
WELL East Crab Lake LEASE Shadyside WELL NO. SWD #1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Don pump high</u> <u>area with pump</u> <u>top clear of Lima</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Ann _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Ann _____	Hydril _____	Make & Model _____		Closing Depth _____	Bit Size _____
Well Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

00-730-4 1/2 hr. ATT. to test cont. plug success
730-1100-3 1/2 hr. catch. fresh water. & cut well head
pull make free
1100-1200-1 hr. off load cont. off truck
1200-200-1 hr. get ready to mix 75 SKS cont.
200-500-3 hr. mix 75 SKS cont. = 16.30 BBL's = 169.52 ft

475 sks in Shadyside SWD #1
Shadyside SWD #1
Sec. 27 - T155 - R5W East Crab Lake
Cameron Parish, La. Sec. #159587

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		None		
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER	<u>D. Touchet</u>	UNIT <u>10</u>	HRS. @ \$ _____ \$ _____
DIESEL		T.J.W.		DERRICK MAN	<u>E. Tashail</u>		@ \$ _____ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>De Stevens</u>		@ \$ _____ \$ _____
POWER SUB.		SHAKER		HELPER	<u>D. Ladet</u>		@ \$ _____ \$ _____
TRUCKING		2 ND PUMP		HELPER	<u>D. McLeod</u>		@ \$ _____ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____ \$ _____
EXTRA LABOR		GUARD					@ \$ _____ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____ \$ _____
RAMS		MISC.					@ \$ _____ \$ _____
LONG DIES							@ \$ _____ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO 25-5 ORDER NO. _____ CONTRACT NO. _____ JOB 25-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annually.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

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install
Services
Wells
Abandon



TICKET 7652

REPORT NO. 6

DAILY WORKOVER REPORT

PANY DOE DATE 11-9-93
East Crab Lake LEASE Gladys McCall WELL NO. SWD #1
SH OR COUNTY Cameron STATE La RIG NO. 5

nt Perforations _____ Present Packer Setting _____
Depth _____ Present Depth _____ Type Plug _____

TY MEETING <u>swatch well</u> <u>2 1/2" well</u> <u>2 1/2" flash burner</u>	Last Casing Setting } Size _____ Depth _____ Max Bit _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____ Type _____ Amt. _____
--	---	--	--

B. O. P. TEST PRESSURES Hydri _____ Type _____ Vis. _____	PRODUCTION PRESSURE SETTING Make & Model _____ Size _____ Depth _____	DRILL DEEPER Closing Depth _____ Bit Size _____ Opening Depth _____ Bit Type _____ Footage Made _____
--	--	--

730-1/2 hr Held Safety Meeting & run Rig & Equip
1000 1/2 Block up 7" casing Tag cont. at 1976 ft top of cont
2-200 1/2 hr weld 7" to 10 3/4 casing
2-330-1/2 hr press up 1000' Test good
2-1000-2 1/2 hr Run R/L casing Equip

2019 ft 7" 23# m 80

older welded 7 casing to 10 3/4 to test plug
stab like cont in well 475

Gladys McCall SWD #1
Dec 27-1155-R5W East Crab Lake field
Cameron Parish La Ser# 159587

RIG EXPENSE	ACCIDENTS YES NO	SUPPLY REQUEST
APPLIES		
JEL		
TRUCKING		

3 rd PARTY CHARGES			PERSONNEL	TIME DISTRIBUTION
PIPEWIPER	SLIP INSERT		DRILLER <u>D Touchette</u>	UNIT <u>11</u> HRS. @ \$ _____
DIESEL	T.I.W.		DERRICK MAN <u>E. T. T. T.</u>	@ \$ _____
STRIPPER	PIPE RACK		HELPER <u>M. T. T. T.</u>	@ \$ _____
POWER SUB.	SHAKER		HELPER	@ \$ _____
TRUCKING	2 nd PUMP		HELPER	@ \$ _____
GENERATOR	CENTRIFUGAL			@ \$ _____
EXTRA LABOR	GUARD			@ \$ _____
SUPPLIES	PIPE DOPE			@ \$ _____
RAMS	MISC.			@ \$ _____
LONG DIES				@ \$ _____

TOOLPUSHER Bongha Touchette COMPANY REPRESENTATIVE _____
JOB NO 25-5 ORDER NO. _____ CONTRACT NO. _____ JOB 25-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annlly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Purging Services
Salt Water Wells
Plug & Abandon



TICKET 7653

REPORT NO. 7

DAILY WORKOVER REPORT

COMPANY DOF DATE 11-10-93
FIELD East Crab Lake LEASE Gladyes McCall WELL NO. SWD #1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Am. _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

700-730-1/2 hr. Held Safety Meeting & see High in Egan
730-770 good with 7" N. 80 Buttness casing 44 jta
770 RID casing Egan

total jta 7" N. 80 Buttness casing 44
Gladyes McCall SWD #1
Dec. 27-7155-R5W East Crab Lake,
Cameron Parish La. Ser. #159587

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Touchet</u>	UNIT <u>10</u>	HRS. @ \$	
DIESEL		T.I.W.		DERRICK MAN <u>E. Payait</u>			
STRIPPER		PIPE RACK		HELPER <u>M. Norwood</u>			
POWER SUB.		SHAKER		HELPER <u>D. Sedet</u>			
TRUCKING		2 nd PUMP		HELPER			
GENERATOR		CENTRIFUGAL					
EXTRA LABOR		GUARD					
SUPPLIES		PIPE DOPE					
RAMS		MISC.					
LONG DIES							

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO 25-5 ORDER NO. _____ CONTRACT NO. _____ JOB 25-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Purging Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7654

REPORT NO. 8

DAILY WORKOVER REPORT

COMPANY DOE DATE 11-11-93
FIELD East Crab Lake LEASE Bladys McCall WELL NO. SWD #1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>help each other</u> <u>when picking</u> <u>up tubing</u>	Last Casing Setting }	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Ami _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Via _____	Depth _____		Footage Made _____	

700-730-1/2 hr. Held safety meeting & ser. Rig & Equip.
730-430-9hr. Run Tubing Tong RIG with 2 3/4 Tubing to
1977 ft
430-500-1/2 hr. took took Disab. Mud from 1977 to surface.

Bladys McCall SWD #1 Dec. 27
7155-RSW East Crab Lake field
Cameron Parish La Ser # 159597

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>none</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Touchet</u>		UNIT <u>10</u>	HRS. @ \$ _____ \$
DIESEL		T.J.W.		DERRICK MAN <u>E. Fayait</u>			@ \$ _____ \$
STRIPPER		PIPE RACK		HELPER <u>M. Howard</u>			@ \$ _____ \$
POWER SUB.		SHAKER		HELPER <u>D. Stevens</u>			@ \$ _____ \$
TRUCKING		2 nd PUMP		HELPER			@ \$ _____ \$
GENERATOR		CENTRIFUGAL					@ \$ _____ \$
EXTRA LABOR		GUARD					@ \$ _____ \$
SUPPLIES		PIPE DOPE					@ \$ _____ \$
RAMS		MISC.					@ \$ _____ \$
LONG DIES							@ \$ _____ \$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO 25-5 ORDER NO. _____ CONTRACT NO. _____ JOB 25-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ily.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



TICKET 7655

REPORT NO. 9

DAILY WORKOVER REPORT

COMPANY BOE DATE 11-12-93

FIELD East Crab Lake LEASE Shades McCall WELL NO. SWD #1

PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING

Last
Casing
Setting

Size
Depth
Max Bit

Screen Setting
Size
Interval

Tubing Setting

Size
Type
Amt

B. O. P. TEST PRESSURES

Rams _____ Hydri _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____
Size _____
Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-730-1/2 hr Held safety Meeting & see Rig & Equip
730-1000-2 1/2 hrs Rigged 10 3/4 casing with mud 9" 1977 ft
1000-100-3 hrs patch with 2 3/4 tubing logging
100-300-1 hr mix 2 1/2-2 3/4 cont 1 1/2" bit's cont = 60 ft of cont in 10 3/4 casing
5.76
300-400-1 hr R/D tubing again & get Ready to R/D
400-600-2 hr R/D & wrap cable get Rig Ready for Road

Shades McCall SWD #1
Sec. 27-T155-R5W East Crab Lake field
Cameron Parish La. Sur # 159587

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>11</u>	HRS. @ \$
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>			\$
DIESEL		T.I.W.		DERRICK MAN <u>E Tapfaint</u>			\$
STRIPPER		PIPE RACK		HELPER <u>M Norwood</u>			\$
POWER SUB.		SHAKER		HELPER <u>D Stinson</u>			\$
TRUCKING		2 nd PUMP		HELPER			\$
GENERATOR		CENTRIFUGAL					\$
EXTRA LABOR		GUARD					\$
SUPPLIES		PIPE DOPE					\$
RAMS		MISC.					\$
LONG DIES							\$

TOOLPUSHER Rouglas Touchet COMPANY REPRESENTATIVE _____

JOB NO. 25-5 ORDER NO. _____ CONTRACT NO. _____ JOB 25-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annlly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7655

REPORT NO. 9

DAILY WORKOVER REPORT

COMPANY DOF DATE 11-15-93
FIELD East Crab Lake LEASE Bladine McCall WELL NO. SWD #1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING

when walking
in water
look down

Last
Casing
Setting

Size
Depth
Max Bit

Screen Setting
Size
Interval

Tubing Setting

Size
Type
Amt.

B. O. P. TEST PRESSURES

Rams _____ Hydri _____

Mud Type _____

Weight _____

Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____

Size _____

Depth _____

DRILL DEEPER

Closing Depth _____

Bit Size _____

Opening Depth _____

Bit Type _____

Footage Made _____

700-730-5 Hall safety meeting & air pump
730-800-5 string out pipe line for fresh water well

RIG EXPENSE

ACCIDENTS

SUPPLY REQUEST

YES

NO

SUPPLIES

None

FUEL

TRUCKING

3rd PARTY CHARGES

PERSONNEL

TIME DISTRIBUTION

PIPEWIPER	SLIP INSERT	DRILLER	UNIT	HRS.	@ \$	\$
DIESEL	T.I.W.	DERRICK MAN			@ \$	\$
STRIPPER	PIPE RACK	HELPER			@ \$	\$
POWER SUB.	SHAKER	HELPER			@ \$	\$
TRUCKING	2 nd PUMP	HELPER			@ \$	\$
GENERATOR	CENTRIFUGAL				@ \$	\$
EXTRA LABOR	GUARD				@ \$	\$
SUPPLIES	PIPE DOPE				@ \$	\$
RAMS	MISC.				@ \$	\$
LONG DIES					@ \$	\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO 25-5 ORDER NO. _____ CONTRACT NO. _____ JOB 25-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ily.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



TICKET 7657

REPORT NO. 10

DAILY WORKOVER REPORT

COMPANY DOF DATE 11-16-93
FIELD East Creek Lake LEASE Shadyside McCall WELL NO. 2110 #1
PARISH OR COUNTY Cameron STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING	Last Casing Setting	Size _____	Screen Setting	Tubing Setting		
		Depth _____			Size _____	Type _____
		Max Bit _____			Interval _____	Amount _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydril _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

200-230-1/2 Held safety meeting
230-200-1/2 Make up pipe line to fresh water well
& patch ring fence

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST
	YES	NO	
SUPPLIES		<u>None</u>	
FUEL			
TRUCKING			

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION		
						UNIT	HRS.	\$
PIPEWIPER		SLIP INSERT		DRILLER	<u>D. Touchet</u>		0.5	\$
DIESEL		T.I.W.		DERRICK MAN	<u>D. Touchet</u>		0.5	\$
STRIPPER		PIPE RACK		HELPER	<u>D. Touchet</u>		0.5	\$
POWER SUB.		SHAKER		HELPER	<u>M. Woodward</u>		0.5	\$
TRUCKING		2 ND PUMP		HELPER			0.5	\$
GENERATOR		CENTRIFUGAL					0.5	\$
EXTRA LABOR		GUARD					0.5	\$
SUPPLIES		PIPE DOPE					0.5	\$
RAMS		MISC.					0.5	\$
LONG DIES								

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO 25-5 ORDER NO. _____ CONTRACT NO. _____ JOB 25-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

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DAILY WORKOVER REPORT

COMPANY DOF DATE 11-17-93

FIELD East Creek Lake LEASE Gladys McCall WELL NO. SWP #1

PARISH OR COUNTY Cameron STATE _____ RIG NO. _____

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING

when Riser Elev
upside Make sure
all Buckers are off

Last Casing } Size _____
Setting } Depth _____
Max Bit _____

Screen Setting
Size _____
Interval _____

Tubing Setting

Size _____
Type _____
Anti _____

B. O. P. TEST PRESSURES

Rams _____ Hydril _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____
Size _____
Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-730-1/2 hr Hold safety Meeting & see Rig & Equip.
730-930-1hr get ready to mix mt
930-1100-2 1/2 hr Mix 27 SKS mt = 3 1/2 BB's mt pump in
fresh mt. Test well = 650 ft
1100-500-6hr pick up pipe from mt well to pump
to Riser. time to swap pumps

RIG EXPENSE	ACCIDENTS	SUPPLY REQUEST
	YES NO	
SUPPLIES		
FUEL		
TRUCKING		

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER		UNIT	HRS. @ \$
DIESEL		T.I.W.		DERRICK MAN			
STRIPPER		PIPE RACK		HELPER			
POWER SUB.		SHAKER		HELPER			
TRUCKING		2 nd PUMP		HELPER			
GENERATOR		CENTRIFUGAL					
EXTRA LABOR		GUARD					
SUPPLIES		PIPE DOPE					
RAMS		MISC.					
LONG DIES							

TOOLPUSHER Bonglas Fouchet COMPANY REPRESENTATIVE _____

JOB NO. 25-5 ORDER NO. _____ CONTRACT NO. _____ JOB 25-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



TICKET 7659

REPORT NO. _____

DAILY WORKOVER REPORT

COMPANY DOE DATE 11-18-93

FIELD East Crab Lake LEASE Madame McCall WELL NO. SLD #1

PARISH OR COUNTY Cameron STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING _____ _____ _____	Last Casing Setting } Size _____ Depth _____ Max Bit _____	Screen Setting	Tubing Setting
		Size _____	Size _____
		Interval _____	Type _____
		_____	Am. _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

7:00-7:30-1/2 hr Held safety meeting & no pump
7:30-9:00-9 1/2 hr patch ring down & pump & load out 7" casing
get ready for 3 pump wells

RIG EXPENSE	ACCIDENTS	SUPPLY REQUEST	
	YES NO		
SUPPLIES			
FUEL			
TRUCKING			

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER	<u>Douchet</u>	UNIT	HRS. @ \$ _____
DIESEL		T.J.W.		DERRICK MAN	<u>E. Pagnier</u>		@ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>M. Desjardins</u>		@ \$ _____
POWER SUB.		SHAKER		HELPER	<u>D. Desjardins</u>		@ \$ _____
TRUCKING		2 ND PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Douchet COMPANY REPRESENTATIVE _____

JOB NO 25-5 ORDER NO. _____ CONTRACT NO. _____ JOB 25-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ily.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



TICKET 7660

REPORT NO. _____

DAILY WORKOVER REPORT

COMPANY DOE - DATE 11-19-93
 FIELD East Creek Lake LEASE Shadsmall WELL NO SWD #1
 PARISH OR COUNTY Cameron STATE La RIG NO 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING _____ _____ _____	Last Casing Setting } Size _____ Depth _____ Max Bit _____	Screen Setting	Tubing Setting
		Size _____	Size _____
		Interval _____	Type _____
			Ann _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis _____	Depth _____		Footage Made _____	

700-1100-16 Move Rig To Pleasant Bayou

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>none</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT	HRS. @ \$
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Touchet</u>			0.5 \$
DIESEL		T.I.W.		DERRICK MAN <u>E. Pasfaut</u>			0.5 \$
STRIPPER		PIPE RACK		HELPER <u>R. L. Ledit</u>			0.5 \$
POWER SUB.		SHAKER		HELPER			0.5 \$
TRUCKING		2 ND PUMP		HELPER			0.5 \$
GENERATOR		CENTRIFUGAL					0.5 \$
EXTRA LABOR		GUARD					0.5 \$
SUPPLIES		PIPE DOPE					0.5 \$
RAMS		MISC.					0.5 \$
LONG DIES							0.5 \$

TOOLPUSHER Bouglas Touchet COMPANY REPRESENTATIVE _____
 JOB NO 26-5 ORDER NO. _____ CONTRACT NO. _____ JOB 26-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annlly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

EXHIBIT 6-N

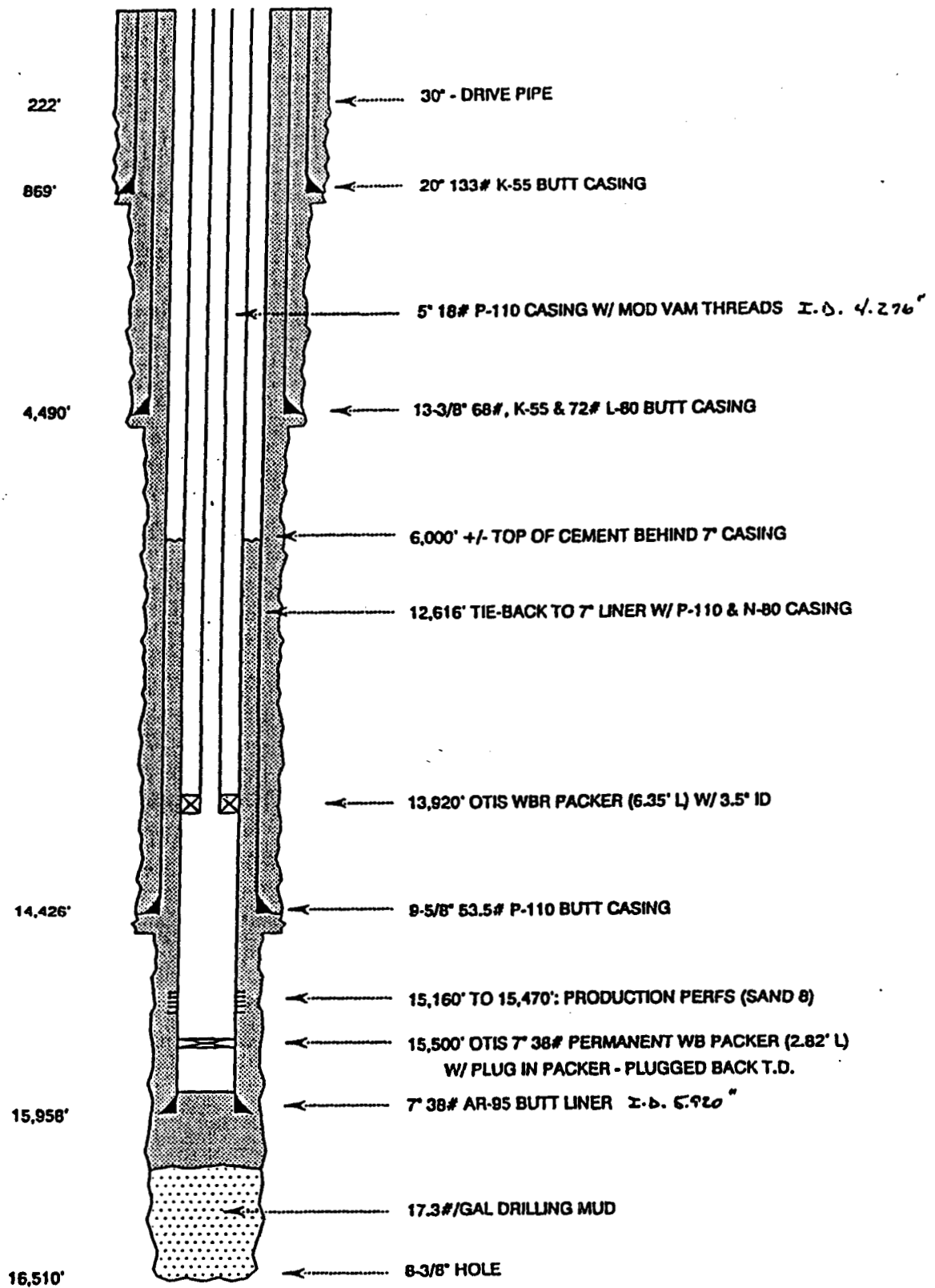
Current Condition of Gladys McCall Site



CURRENT CONDITION OF WELL

1. GLADYS McCALL PRODUCTION WELL

- (A) Surface Pressure @: 5,335 psi \pm 9#/gal brine
- (B) Bottom Hole Pressure @: \pm 12,300 psi
- (C) Bottom Hole Temperature @: \pm 300°F
- (D) Special Problems:
 - (1) 7" x 9-5/8" casing uncemented from 6,000' to surface.
 - (2) 7" casing run in two sections. Tieback at 12,616' may be damaged.
 - (3) There is a methane gas cap \pm 500' on top of the brine that contains \pm 10% CO₂ and a trace of H₂S.
 - (4) It is possible that some of the gas has hydrated and left an ice plug in the tubing.



EATON

Figure 6-1. Gladys McCall well schematic as recompleted by T-F&S, August 15, 1983.

PACKER INFORMATIONGLADYS McCALL NO. 1

Type: Otis WBR Packer - 13,920.00 to 13,926.25'

Ratch Latch - 13,917.18' to 13,920.00'

Seal Bore Extension (PBR) 24.83'
Top 13,892.35'; Bottom 13,917.18'

Otis Packer Seal Assembly (w/3.480" I.D.)

Locator Sub	2.00'	13,880.35'
Seal Extension	9.75'	13,890.10'
Seal Mandrel	2.14'	13,892.24'
Seal Extension	7.85'	13,900.09'
Seal Mandrel	2.10'	13,902.19'
Mule Shoe	0.84'	13,903.03'

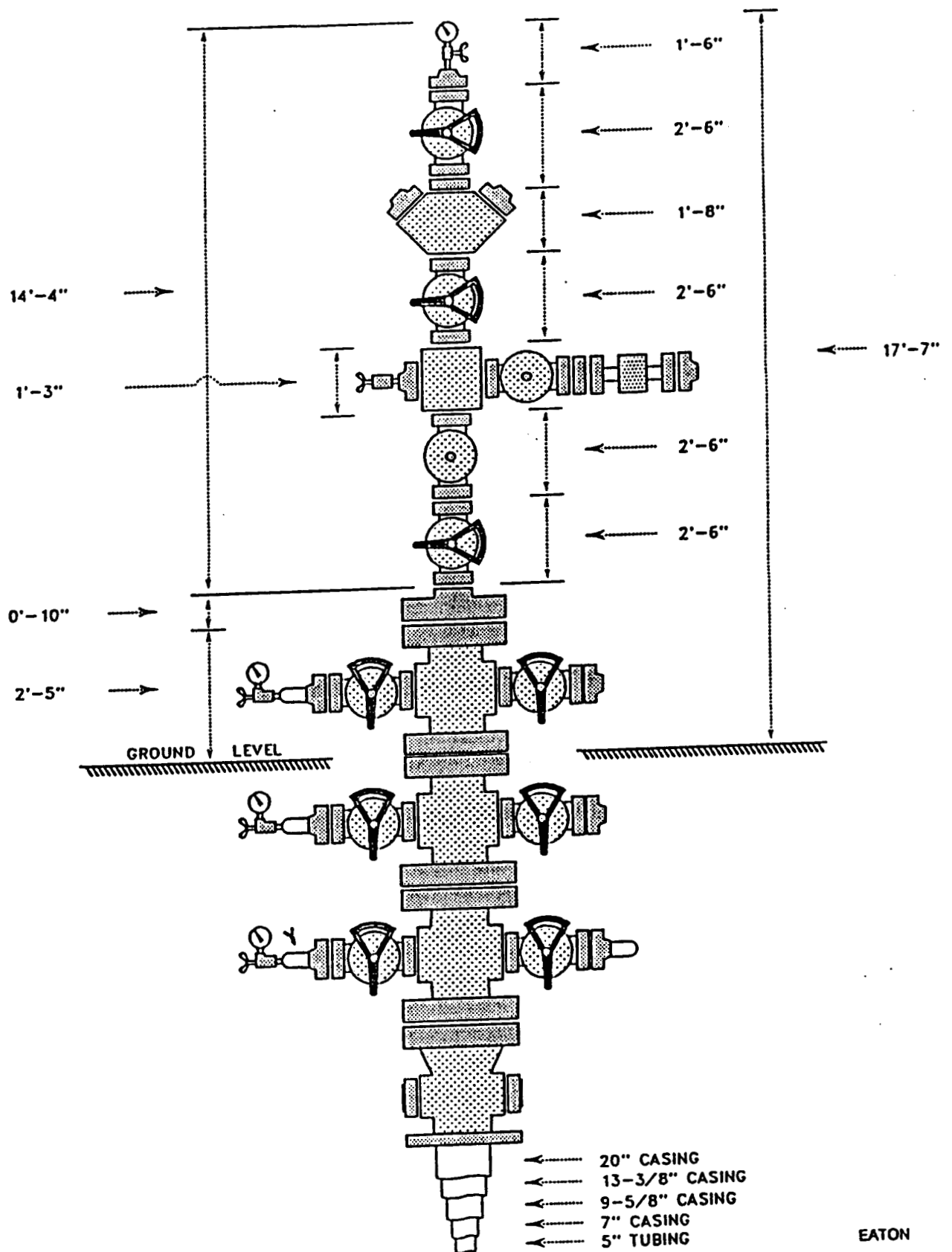


Figure 6-2a. Gladys McCall No. 1 production wellhead description schematic as of June 1990.

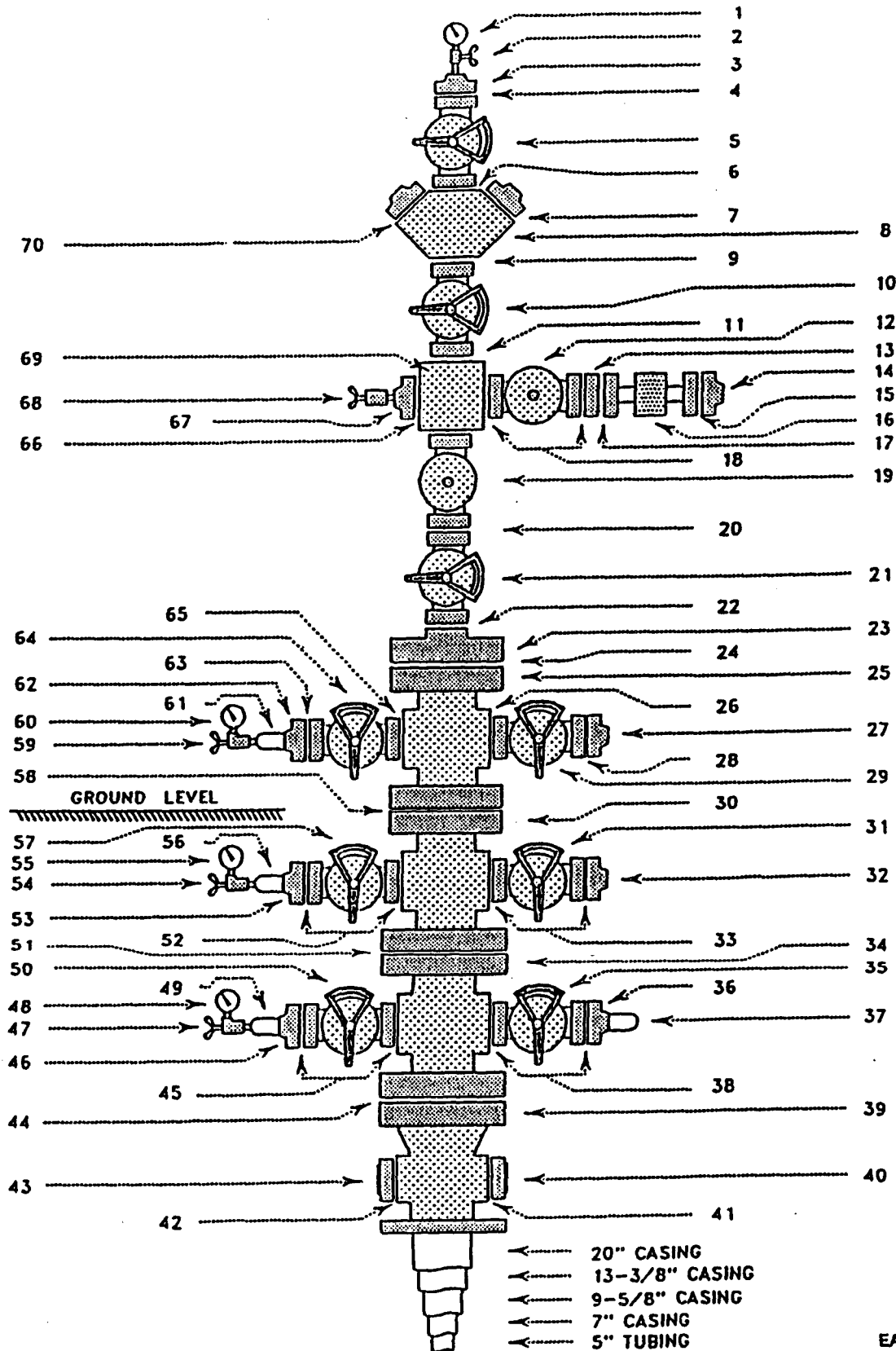


Figure 6-2b. Gladys McCall No. 1 production wellhead description schematic as of June 1990.

GLADYS McCALL NO. 1 PRODUCTION WELLHEAD

1. 1-1/2" 10,000# W.P. 316 S.S. Marsh pressure gauge
2. 1/2" LP 10,000 W.P. S.S. NACE straight gauge cock
3. 5-1/8" 10,000# W.P. 6 BX w/1/2" LP tap, type III LA, blind flange
4. BX-169, API 316 S.S. ring gasket
5. 5-1/8" 10,000# W.P. 6 BX FE x FE, E trim for 450°F Gray gate valve w/bevel gear operator
6. BX-169, API 316 S.S. ring gasket
7. BX-155, API S.S. ring gasket
8. 5-1/8" 10,000# W.P. 6 BX x 4-1/16" 10,000# W.P. 6 BX on 45 degree, type II LA NACE dual studed Y block
9. BX-169, API 316 S.S. ring gasket
10. 5-1/8" 10,000# W.P., 6 BX FE x FE, E trim for 450°F Gray gate valve w/bevel gear operator
11. BX-169, API 316 S.S. ring gasket
12. 4-1/16" 10,000# W.P., C, x 4-1/16" 10,000# W.P. 6 BX FE x FE, E-trim w/Graysafe operator HA-7 for 450°F and below
13. 4-1/16" 10,000# W.P. 6 BX x 4-1/16" 10,000# W.P. 6 BX spacer flange
14. 2-1/16" 10,000# W.P. 6 BX w/2" tap flange
15. BX-152, API 316 S.S. ring gasket
16. 4-1/16" 10,000# W.P. x 2-1/16" 10,000# W.P. Gray hydraulic accumulator
17. BX-155, API 316 S.S. ring gasket
18. BX-155, API 316 S.S. ring gaskets
19. 5-1/8" 10,000# W.P. "C" x 5-1/8" 10,000# W.P. 6 BX FE x FE, E-trim for 450°F w/Graysafe HA-10 operator w/manual override

GLADYS McCALL NO. 1 PRODUCTION WELLHEAD

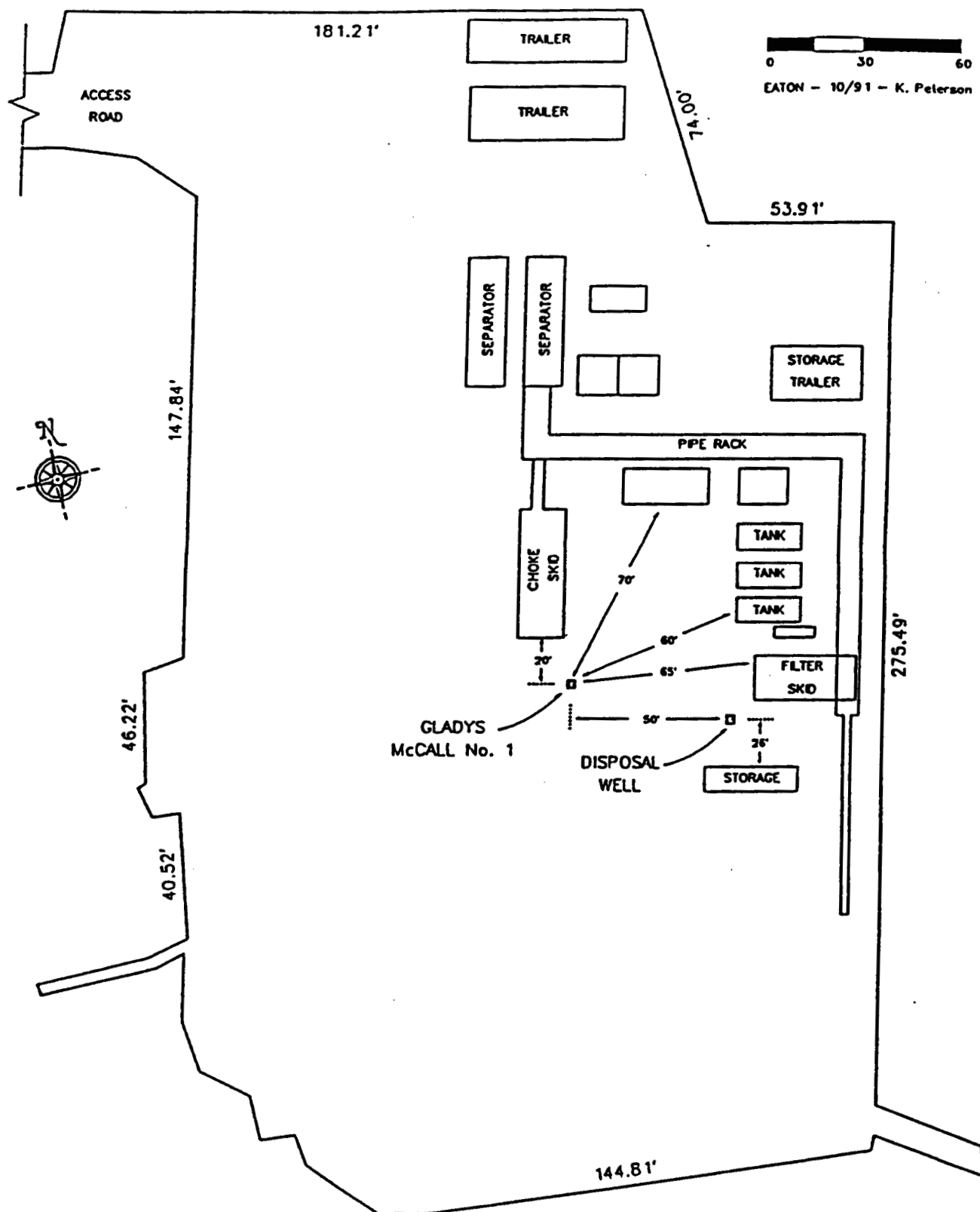
20. BX-169, API 316 S.S. ring gasket
21. 5-1/8" 10,000# W.P. 6 BX x FE, E-trim for 450°F, Gray gate valve w/bevel gear operator
22. BX-169, API 316 S.S. ring gasket
23. 5-1/8" 10,000# W.P. 6 BX x 9" 10,000# W.P. 6 BX, type III 410 S.S. NACE, tubing bonnet, K
24. BX-157, API 316 S.S. ring gasket
25. 9" 10,000# W.P. MSP x 11" 10,000# W.P. MSP x 2-1/16" 10,000# W.P. 6 BX outlets, LA NACE CWCT-D15 tubing head
26. BX-152, API 316 S.S. ring gasket
27. 2-1/16" 10,000# W.P., 6 BX, Type II LA NACE blind flange
28. BX-152, API 316 S.S. ring gasket
29. 2-1/16" 10,000# W.P., "C", x 2-1/16" 10,000# W.P. 6 BX FE x FE, E-trim pkg for 350°F service, Gray gate valve
30. 13-5/8" 5,000# W.P. 6 BX x 11" 10,000# W.P. 6 BX, CWCT, 9-5/8" casing spool
31. 1-13/16" 10,000# W.P. "C" x 1-13/16" 10,000# W.P. 6 BX FE x FE w/D-trim Gray gate valve
32. 1-13/16" 10,000# W.P. 6 BX, blind flange
33. BX-151, API CAD PLT ring gaskets
34. 20" 2,000# W.P. x 13-5/8" 5,000# W.P. 6 BX, CWCT, 13-3/8" casing spool
35. 2-1/16" 5,000# W.P. "D" x 2-1/16" 5,000# W.P. FE x FE w/A-trim Gray gate valve
36. 2-1/16" 5,000# W.P. tapped w/2" NPT, flange
37. 2" w/1/2" LP tap bull plug

GLADYS McCALL NO. 1 PRODUCTION WELLHEAD

38. R-24, API, CAD PLT, ring gaskets
39. 20" SOW 2,000# W.P. CWCT Gray casing head w/two 2" 5,000# W.P. std outlets and 32" base plate
40. 2-1/16" 5,000# W.P. blind flange
41. R-24, API ring gasket
42. R-24, API ring gasket
43. 2-1/16" 5,000# W.P. blind flange
44. R-73, API, CAD PLT, ring gasket
45. R-24, API, CAD PLT, ring gaskets
46. 2-1/16", 5000# W.P. tapped w/2" NPT, flange
47. 1/2" LP 5,000# W.P. S.S. NACE straight gauge cock
48. 1/2" x 4-1/2" 5,000# W.P. 316 S.S. Marsh pressure gauge
49. 2" w/1/2" LP tap bull plug
50. 2-1/16" 5,000# W.P. "D" x 2-1/16" 5,000# W.P. FE x FE w/A-trim Gray gate valve
51. BX-160, API CAD PLT, ring gasket
52. BX-151, API, CAD PLT, ring gaskets
53. 1-13/16" 10,000# W.P. 6 BX, Thd w/2" L.P. for 5,000# W.P., Type II LA NACE flange
54. 1/2" L.P. 5,000# W.P. S.S. NACE straight gauge cock
55. 1/2" x 4-1/2" 10,000# W.P. 316 S.S. Marsh pressure gauge
56. 2" CS NACE, 4" LGW w/1/2" LP tap bull plug
57. 1-13/16" 10,000# W.P. "C" x 1-13/16" 10,000# W.P. 6 BX FE x FE w/D-trim Gray gate valve
58. BX-158, API 316 S.S. ring gasket
59. 1/2" LP 10,000# W.P. S.S. NACE straight gauge cock

GLADYS McCALL NO. 1 PRODUCTION WELLHEAD

60. 1/2" x 4-1/2" 10,000# W.P., 100-3-SS-MS, 315 S.S. Marsh pressure gauge
61. 2" CS NACE x 4" LG w/1/2" LP tap bull plug
62. 2-1/16" 10,000# W.P. 6 BX, type II, LA NACE w/2" tap, flange
63. BX-152, API 316 S.S. ring gasket
64. 2-1/16" 10,000# W.P. "C", x 2-1/16" 10,000# W.P. 6 BX FE x FE E-trim pkg for 350°F service, Gray gate valve
65. BX-152, API 316 S.S. ring gasket
66. BX-155, API 316 S.S. ring gasket
67. 4-1/16" 10,000# W.P. 6 BX, 4135 w/1/2" tap, flange
68. 1/2" 10,000# W.P. Weld-O-Let needle valve
69. 5-1/8" 10,000# W.P. 6 BX x 4-1/16" 10,000# W.P. 6 BX x 4-1/16" 10,000# W.P. 6 BX, type II LA NACE, w/A206 bolting studded cross
70. BX-155, API 316 S.S. ring gasket



NOTE: All dimensions provided for the outer perimeter of this location are actual measurements. However, the measurements from the Gladys McCall No. 1 to the existing production equipment are approximate at best and should be recognized as such. All bidders will be given the opportunity to visit the location.

GLADYS McCALL

Surface production equipment - major components only:

1. Separator - horizontal brine/methane
Manufacturer - Enfab, Inc., Houston, TX
ASME coded vessel
National Board No. - 18
Year built - 1981
Size - 54" I.D. x 30'.0" long
MAWP - 1440 psig @ 105°F
Serial No. - 2048
Complete with relief valves, controls, etc.
2. Gas cooler - horizontal (fin/fan)
Manufacturer - Seton-Scherr, Inc., Houston, TX
ASME coded vessel
National Board No. - 626
Year built - 1982
MAWP - 1290 psig @ 350°F
Serial No. - H81280
3. Brine filter skid - five (5) 12-3/4" O.D. pots
Manufacturer - Chemco Engineering Co.
ASME coded vessel
National Board No. - N/A
Year built - 1982
MAWP - 869 psig @ 350°F
Serial No. - 24211691
4. Gas compressor - IGL Ariel single stag w/150
H.P. electric motor
Manufacturer - Compressor Sytems, Inc.
Unit No. - 3095C
Serial No. - H9386-4-6534
5. Generator w/diesel engine
Manufacturer - International Electric
Model - E7188
Serial No. - HB-0963-09
6. Flare stack
Manufacturer - John Zink
Year built - 1981
Serial No. - S12422
7. Three (3) 200 bbl steel skid mounted tanks
Approx. year built - 1981

EXHIBIT 6-O

**PAW Drilling & Well Service, Inc.
Daily Workover Reports for Willis Hulin Site
From 2-7-94 Through 3-17-94**

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7775

REPORT NO. _____

DAILY WORKOVER REPORT

COMPANY Rig Move from Lafourche to Earth DATE 2-7-94

FIELD _____ LEASE _____ WELL NO. _____

PARISH OR COUNTY _____ STATE _____ RIG NO. _____

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING
watch all cables
when Rigging
Don't let it happen

Last
Casing } Size _____
Setting } Depth _____
Max Bit _____

Screen Setting
Size _____
Interval _____

Tubing Setting
Size _____
Type _____
Amt. _____

B. O. P. TEST PRESSURES

Name _____ Hydril _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____
Size _____
Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-730-1/2 hr. Held safety Meeting & run Rig & Egan
730-1000-2 1/2 hr. R/D 238 Egan & get Ready to R/D Rig
1000-1200-2 hr. R/D & pull anchors & wrap cables for Road
1200-700-7 hr. get on Road from Lafourche to Earth

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER	<u>Douchet</u>	UNIT <u>12</u>	HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN	<u>M. Williams</u>		@ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>M. Howard</u>		@ \$ _____
POWER SUB.		SHAKER		HELPER	<u>D. Medina</u>		@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Douchet COMPANY REPRESENTATIVE _____

JOB NO. 326 ORDER NO. _____ CONTRACT NO. _____ JOB _____

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annr.ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7775

REPORT NO. 1

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 2-8-94

FIELD South East LEASE Willis Hulim WELL NO. 1

PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING

Always make sure
well is closed
before rigging off

Last
Casing
Setting

Size

Depth

Max Bit

Screen Setting

Size

Interval

Tubing Setting

Size

Type

Ann

B. O. P. TEST PRESSURES

Name _____ Hydri _____

Mud Type _____

Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____

Size _____

Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____

Opening Depth _____ Bit Type _____

Footage Made _____

100-110 hrs. Held safety Meeting & Sec. Rig
112-830-14: Remove Platform from well.
830-1800-3 hrs spot Rig & Equip
1800- Blue Rig & put out 2nd Anchor's & they were

U.S. DOE Willis Hulim well No. 1
Sec 2, T-145, R4E Serial #158468
South East Field Vermillion Par

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>11</u>	HRS. @ \$
PIPEWIPER		SLIP INSERT		DRILLER	<u>D Touchet</u>		\$
DIESEL		T.I.W.		DERRICK MAN			\$
STRIPPER		PIPE RACK		HELPER	<u>M. Thompson</u>		\$
POWER SUB.		SHAKER		HELPER	<u>P. Mullens</u>		\$
TRUCKING		2 ND PUMP		HELPER			\$
GENERATOR		CENTRIFUGAL					\$
EXTRA LABOR		GUARD					\$
SUPPLIES		PIPE DOPE					\$
RAMS		MISC.					\$
LONG DIES							\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annrly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



TICKET 7777

REPORT NO. 2

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 2-9-94
FIELD South Earth LEASE Willie Hulin WELL NO. 1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>These items should be checked over before running</u>	Last Casing Setting	Size _____	Screen Setting
		Depth _____	Size _____
		Max Bit _____	Interval _____
		Tubing Setting	
		Size <u>3 1/2</u>	Type _____
			Anti _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

200-730-1/2 hr. Held safety meeting over Rig & Equip
730-2000 hrs. open tubing 7600' & 5500' casing att. to
bleed tubing flowing casing flow with chemical

U.S. DOE Willie Hulin Well No 1
Sec 2, T-14S, R4E Serial #15846
South Earth Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>		UNIT <u>7</u>	HRS. @ \$ _____
DIESEL		T.J.W.		DERRICK MAN			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>M. Woodward</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER <u>D Mullena</u>			@ \$ _____
TRUCKING		2 ND PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ily.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover,
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7778

REPORT NO. 3

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 2-10-94
FIELD South Earth LEASE Willie Hulin WELL NO. 1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Keep all Tool Chain</u> <u>& safety to work</u> <u>with</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Amf _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

700-730-1/2 hr Held safety meeting & sur. Rig & Equip
730-400-8 1/2 hr open well tubing from 7600' casing
from 5500' alt. to bleed tubing service shut
in from 7600'

U.S. DOE Willie Hulin well No. 1
Sec 2, T-143, R-4E Serial #158468
South Earth Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST
	YES	NO	
SUPPLIES _____			
FUEL _____			
TRUCKING _____			

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Touchet</u>	UNIT <u>9</u>	IRS. @ \$ _____	\$ _____
DIESEL		T.I.W.		DERRICK MAN		@ \$ _____	\$ _____
STRIPPER		PIPE RACK		HELPER <u>M. Raymond</u>		@ \$ _____	\$ _____
POWER SUB.		SHAKER		HELPER <u>D. Mullins</u>		@ \$ _____	\$ _____
TRUCKING		2 ND PUMP		HELPER		@ \$ _____	\$ _____
GENERATOR		CENTRIFUGAL				@ \$ _____	\$ _____
EXTRA LABOR		GUARD				@ \$ _____	\$ _____
SUPPLIES		PIPE DOPE				@ \$ _____	\$ _____
RAMS		MISC.				@ \$ _____	\$ _____
LONG DIES						@ \$ _____	\$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.



Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7779

REPORT NO. 4

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 2-11-94
FIELD South East LEASE Willis Hulin WELL NO. 1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Stand clear of</u> <u>all live cables</u> <u>surrounding high area</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Ami _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Via _____	Depth _____		Footage Made _____	

700-730-1/2 hr. Held safety meeting & per Rig & Egan
730-900-1 1/2 hr change out hook up flanges on tree &
take on 17.2 ppg mud from EDF 201882
920-1030-1 1/2 hr R/R B.T. & acc. impact. Rate 1881 per min.
at 7930 psi stop pump pressure went down to 7600 #
1030-200-3/4 B.T.'s connection called for cement
200-400-2 hrs get. Ready to mix & pump 300 SKS cont-
71 cont BBL's Disch. to 17,569 ft final pressure 100" Ron Bager
suggested shut in well
400-500-1 hr R/R B.T. Top of cont shut-in at 17,569

U.S. DOE Willis Hulin well No. 1
Sec. 2, T-145, R-4E Serial # 159468
South East Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>		UNIT <u>10</u>	HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>M. Perryman</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER <u>D Mullins</u>			@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO 22-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7781.

REPORT NO. 6

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 2-15-94
FIELD South Earth LEASE Willie Hulin WELL NO. 1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____ Type _____ Amt. _____
		Depth _____		
		Max Bit _____		
B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER
Rams _____ Hydral _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____	Size _____	Opening Depth _____	Bit Type _____	
Weight _____ Vis. _____	Depth _____	Footage Made _____		

700-730-1/2 hr Held safety meeting & per Rig & Equip.
730-730-1/2 hr T/LC Rep's & per Remote. Hanger
1030-500-1/2 hr work 3 1/2 tubing from 0 to 250,000 att to
pull pipe. runs. Total of 62"

U.S. DOE Willie Hulin well No. 1
Sec 2, T-145, R4E Serial #158468
South Earth Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		S' IP INSERT		DRILLER <u>D. Zouchet</u>		UNIT <u>10</u>	HRS. @ \$ _____
DIESEL		T.O.W.		DERRICK MAN			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>M. No. 10000</u>			@ \$ _____
POWER SUB.		SI'AKER		HELPER <u>D. M. Hena</u>			@ \$ _____
TRUCKING		2 ND PUMP		HELPER			@ \$ _____
GENERATOR		CI NTRIFUGAL					@ \$ _____
EXTRA LABOR		GI'ARD					@ \$ _____
SUPPLIES		PI'E DOPE					@ \$ _____
RAMS		M GC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Zouchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annlly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.



DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 2-16-94
FIELD South Erath LEASE _____ WELL NO. 1
PARISH OR COUNTY Vermillion STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>make sure all personnel are out before pulling in</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____ Type _____ Ann _____
		Depth _____ Max Bit _____		
B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER
Rams _____ Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____	Size _____	Opening Depth _____	Bit Type _____	
Weight _____ Vls. _____	Depth _____	Footage Made _____		

700-730-1/2 hr Held safety meeting & see Rig & Equip
730-500-9 1/2 hr work 3 1/2" from 0 to 250,000' pull with Rig
in attempt to pull free & hook up mud pump attempting to
hook light wires 57" from well head

we are able to U.S. DOE within 4 hours well No. 1
slack off 17 1/2 ft in hole Sec. 2, T-145, R4E Serial #158468
with tubing but unable to pull free South Erath Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>10</u>	HRS. @ \$ _____
PIPEWIPER		SLIP INSERT		DRILLER	<u>Douglas</u>		\$ _____
DIESEL		T.I.W.		DERRICK MAN			\$ _____
STRIPPER		PIPE RACK		HELPER	<u>M. Darnold</u>		\$ _____
POWER SUB.		SHAKER		HELPER	<u>A. Mullens</u>		\$ _____
TRUCKING		2 nd PUMP		HELPER			\$ _____
GENERATOR		CENTRIFUGAL					\$ _____
EXTRA LABOR		GUARD					\$ _____
SUPPLIES		PIPE DOPE					\$ _____
RAMS		MISC.					\$ _____
LONG DIES							\$ _____

TOOLPUSHER Douglas Doucet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7783

REPORT NO. 8

DAILY WORKOVER REPORT

COMPANY U.S. ROE DATE 2-17-94
FIELD South Erath LEASE Willie Hulen WELL NO. 1
PARISH OR COUNTY Vernon STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Hulen to well</u> <u>head down tubing</u> <u>then to production</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Ann _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

700-730-4hr Held Safety Meeting & over Rig & Egan.
730-1100-3 1/2 work 3 1/2 tubing & turn to the right attempt
to force down.
1100-200-3hr R/W 5/8 RTH to 15430 ft with wt loss
200-600-4hr good with well very slow 1200# Hyd pump

U.S. ROE Willie Hulen Well No. 1
Sec. 2, T14S, R4E, Serial #158468
South Erath Field Vernon Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>		UNIT <u>11</u>	HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>M Newwood</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER <u>D Mullens</u>			@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7784

REPORT NO. 9

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 2-18-94

FIELD South Earth LEASE Willie Hulin WELL NO. 1

PARISH OR COUNTY Vermillion STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Three glass windows</u> <u>main window going</u> <u>in hole at Man Bay</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____ Type _____ Ann _____
		Depth _____		
		Max Bit _____		

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Via _____	Depth _____	Footage Made _____		

700-730-1/2 hr. Hold safety meeting & see Rig & Equip.
730-1030-3 hrs. Make up shot & RIG to 12,912 ft. good
with 5 1/2 RIG with
1030-1100-1/2 pull 250,000 unable to pull 3 1/2
1100-200-3 hrs. RIG pull it & attempt to break pipe at cut 12,912 ft.
Cin. well while working 3 1/2 tubing unacc.
200-600-4 hrs. RIG 5 1/2 RIG to 1212 ft. made. Shot good
with 5 1/2

U.S. DOE Willie Hulin Tract 761
Sec. 2, T-14S, R4E Serial #158468
South Earth Tract Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST
	YES	NO	
SUPPLIES		<u>none</u>	
FUEL			
TRUCKING			

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Zouchet</u>	UNIT <u>11</u>	HRS. @ \$ _____	\$ _____
DIESEL		T.I.W.		DERRICK MAN		@ \$ _____	\$ _____
STRIPPER		PIPE RACK		HELPER <u>M. Howard</u>		@ \$ _____	\$ _____
POWER SUB.		SHAKER		HELPER <u>B. Mullins</u>		@ \$ _____	\$ _____
TRUCKING		2 nd PUMP		HELPER		@ \$ _____	\$ _____
GENERATOR		CENTRIFUGAL				@ \$ _____	\$ _____
EXTRA LABOR		GUARD				@ \$ _____	\$ _____
SUPPLIES		PIPE DOPE				@ \$ _____	\$ _____
RAMS		MISC.				@ \$ _____	\$ _____
LONG DIES						@ \$ _____	\$ _____

TOOLPUSHER Douglas Zouchet COMPANY REPRESENTATIVE _____

JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7785

REPORT NO. 10

DAILY WORKOVER REPORT

COMPANY U.S. DoF DATE 2-19-94
FIELD South Erath LEASE Willis Hulin WELL NO. 1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>every body should work together in order not to hurt</u>	Last Casing Setting	Size _____	Screen Setting	Size _____	Tubing Setting
		Depth _____			
		Max Bit _____			Ami _____

B. O. P. TEST PRESSURES	PRODUCTION PRESSURE SETTING	DRILL DEEPER
Items _____ Hydri _____	Make & Model _____	Closing Depth _____ Bit Size _____
Mud Type _____	Size _____	Opening Depth _____ Bit Type _____
Weight _____ Vis. _____	Depth _____	Footage Made _____

700-710-1100 Hold Safety Work Time to run Rig & Equip
730-1100-3 1/2 in Make up Shot RTH with 5/8 in 12912 ft. made
shot 700 ft.
1100-600-7 in work 3 1/2 from 0 to 20000 lb from 160000 to
0 - able to slack 22 ft in hole good 24 ft

U.S. DoF Willis Hulin well No 1
Sec 2, T 145, R 4 E, Serial # 158468
South Erath field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		UNIT <u>11</u>	TIME DISTRIBUTION	
PIPEWIPER	SLIP INSERT			DRILLER <u>D Touchet</u>			HRS. @ \$	\$
DIESEL	T.I.W.			DERRICK MAN			@ \$	\$
STRIPPER	PIPE RACK			HELPER <u>M Howard</u>			@ \$	\$
POWER SUB.	SHAKER			HELPER <u>P Mullins</u>			@ \$	\$
TRUCKING	2 ND PUMP			HELPER			@ \$	\$
GENERATOR	CENTRIFUGAL						@ \$	\$
EXTRA LABOR	GUARD						@ \$	\$
SUPPLIES	PIPE DOPE						@ \$	\$
RAMS	MISC.						@ \$	\$
LONG DIES							@ \$	\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annually.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7786

REPORT NO. 11

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 2-20-94
FIELD South Earth LEASE Wallis Hulin WELL NO. 1
PARISH OR COUNTY Louisiana STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____ Type _____ Amt. _____
		Depth _____		
		Max Bit _____		
B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER
Rams _____ Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____	Size _____	Opening Depth _____	Bit Type _____	
Weight _____ Vis. _____	Depth _____	Footage Made _____		

100-130-1/2 hr. Held safety meetings & ran Rig & Equip.
130-1200-4 1/2 hr. R/L 5/11 Make up shot R/L to 11912 ft. Made.
shot. Pooker w/1
1200-200-2 hr. work 3 1/2 in. attempt. To free & hook up mud
pump To Tubing pump 1700 ft
200-500-3 hr. Make up shot R/L to 10962 Made. Shot Pooker
with 5/11
500 pick up well pit & make up to 3 1/2 tubing work
from 0 to 200000 slack off 24 ft run good 24 ft no
drag anymore

U.S. DOE Wallis Hulin well no. 1
Sec. 2, T-145, R45 Serial #158468
South Earth Field Louisiana Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER	<u>D. Touchet</u>	UNIT <u>11</u>	HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN			@ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>M. Parnood</u>		@ \$ _____
POWER SUB.		SHAKER		HELPER	<u>D. Millene</u>		@ \$ _____
TRUCKING		2 ND PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Bonglar Touchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7787

REPORT NO. 12

DAILY WORKOVER REPORT

COMPANY M.S. D.C.F. DATE 2-21-94
FIELD South Exath LEASE Willie Hulin WELL NO. 1
PARISH OR COUNTY Louisiana STATE La. RIG NO. 5

Present Perforations _____ Present Facker Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING
None
None
None

Last
Coaling
Setting } Size _____
Depth _____
Max Bit _____

Screen Setting
Size _____
Interval _____

Tubing Setting
Size _____
Type _____
Amt _____

B. O. TEST PRESSURES
Rams _____ Hydri _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING
Make & Model _____
Size _____
Depth _____

DRILL DEEPER
Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-730-1hr Held Safety Meeting & over Rig & Engine
730-1000-3hr. Riser 51k Make up shot RTH to 9112 ft Rock
1000-1130-1hr work 3 1/2 from 0 to 200000" with Rig could
not pull free.
1130-100-2 1/2hr. Make up shot RTH to 9000 ft Made shot good.
100-230-1 1/2hr pick up pull jct work 3 1/2 from 0 to 250000" pull
unable to pull free
230-600-3 1/2hr hook up mud pump to 3 1/2 pump mud and
work 3 1/2 tubing ~~work~~

U.S. D.C.F. Willie Hulin Well No. 1
Sec. 2, T-14S, R-14E Serial # 158468

South Exath Field Louisiana Parish

RIG EXPENSE	ACCIDENTS	SUPPLY REQUEST
	YES NO	
SUPPLIES		
FUEL		
TRUCKING		

3 rd PARTY CHARGES				PERSONNEL		UNIT	TIME DISTRIBUTION		
PIPEWIPER		SLIP INSERT		DRILLER			HRS.	@ \$	
DIESEL		T.I.W.		DERRICK MAN					
STRIPPER		PIPE RACK		HELPER					
POWER SUB.		SHAKER		HELPER					
TRUCKING		2 nd PUMP		HELPER					
GENERATOR		CENTRIFUGAL							
EXTRA LABOR		GUARD							
SUPPLIES		PIPE DOPE							
RAMS		MISC.							
LONG DIES									

COOLPUSHER Bonnie J. Touchet COMPANY REPRESENTATIVE _____
OB NO 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annully.

s account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, neys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



TICKET 7788

REPORT NO. 13

DAILY WORKOVER REPORT

COMPANY U.S. D.O.F. DATE 2-22-94
FIELD South Earth LEASE Waller Hulin WELL NO. 1
PARISH OR COUNTY Terrebonne STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING	Last Casing Setting	Size _____	Screen Setting	Tubing Setting	
		Depth _____			Size _____
		Max Bit _____			Interval _____

B. O. F. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Via _____	Depth _____	Footage Made _____		

700-730-1/2 hr Held safety meeting & sec. Rig & Equip.
730-500-9 1/2 circ well & work 3 1/2 from 0 to 17000 ft pull.
& attempt to turn off cut with tonga unsec.

U.S. D.O.F. Waller Hulin Well No. 1
Sec. 2, T-145, R 4E Serial #158468
South Earth Field Terrebonne Parish

RIG EXPENSE		ACCIDENTS		SUPPLY REQUEST	
		YES	NO		
SUPPLIES					
FUEL					
TRUCKING					

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Zouchet</u>		UNIT <u>10</u>	1 HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>7:11 P. H. and</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER <u>D. Pullen</u>			@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER D. Zouchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7789

REPORT NO. 14

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 2-23-94
FIELD South Earth LEASE Willis Julien WELL NO. 1
PARISH OR COUNTY Vermillion STATE _____ RIG NO. 5

Present Perforations _____ Present Parker Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Keep all Tool Chain</u> <u>hooked to work</u> <u>with one cover block</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				mi _____

B. O. P. TEST PRESSURES	PRODUCTION PRESSURE SETTING	DRILL DEEPER
Rams _____ Hydril _____	Make & Model _____	Closing Depth _____ Bit Size _____
Mud Type _____	Size _____	Opening Depth _____ Bit Type _____
Weight _____ Vis _____	Depth _____	Footage Made _____

700-730 hrs Held safety meeting in see Rig & Equip
730-830 hrs in well to cond mud
830-1000 hrs Pull ROP's & R/D above
1000-1030 hrs Pull 200,000 on tubing & set slips lay down 2" bit
1030-100-28 hrs 5/8" Make up shot RTH to 8886 ft. made shot
100-280 hrs pack up pull it work 3 1/2" from 0 to 17000 ft pull
200-300 hrs make up shot RTH to 8886 ft
300-600-3 hrs with work 3 1/2" tubing from 0 to 100,000 ft pull

U.S. DOE Willis Julien well 7m
Sec 2, T-145, R41 Serial #158468
South Earth field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES			PERSONNEL		UNIT <u>11</u>	TIME DISTRIBUTION	
PIPEWIPER	SLIP INSERT	DRILLER <u>Rouchet</u>		HRS. @ \$ _____			
DIESEL	T.I.W.	DERRICK MAN		@ \$ _____			
STRIPPER	PIPE RACK	HELPER <u>M. Mullen</u>		@ \$ _____			
POWER SUB.	SHAKER	HELPER <u>D. Mullen</u>		@ \$ _____			
TRUCKING	2 nd PUMP	HELPER		@ \$ _____			
GENERATOR	CENTRIFUGAL			@ \$ _____			
EXTRA LABOR	GUARD			@ \$ _____			
SUPPLIES	PIPE DOPE			@ \$ _____			
RAMS	MISC.			@ \$ _____			
LONG DIES				@ \$ _____			

TOOLPUSHER Rouge Rouchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 77911

REPORT NO. 15

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 2-24-74
FIELD South Earth LEASE Willie Hutton WELL NO. 1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING	Last Casing Setting	Size _____	Screen Setting	Tubing Setting		
		Depth _____				
		Max Bit _____			Size _____	Size _____
		Interval _____			Type _____	Ami _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

200-30-1/2" Bldg safety meeting on Rig & Equip.
230-90-1/2" Rth with Rth to 3080 ft
900-1100-2" in well cond. mud
1100-1200-1" Rth with 5/8" & int. bar 1" would not pass 3080 ft.
1200-1300-1" black 3/4" down hole. Back up pull jlt
1300-200-1" Rth with 5/8" with 3/4" super center made shot
400 ft with 5/8"
200-330-1/2" Make up pull jlt & pull on 3/4" work from 0-17000
330-500-1/2" Make up shot Rth to 3080 ft made shot good
with 5/8"
500-600-1" work 3/4" pipe free at 3080 ft.

U.S. DOE Willie Hutton well no. 1
Sec. 2, T-145, R 4 E Serial #1584168
South Earth Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>12</u>	HRS. @ \$ _____
PIPEWIPER		SLIP INSERT		DRILLER	<u>Douchet</u>		@ \$ _____
DIESEL		T.J.W.		DERRICK MAN			@ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>M. Hutton</u>		@ \$ _____
POWER SUB.		SHAKER		HELPER	<u>Mullens</u>		@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Douchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annully.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Blind
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7791

REPORT NO. 15

DAILY WORKOVER REPORT

COMPANY U.S. BOE DATE 2-25-94

FIELD South East LEASE Willie Hulin WELL NO. 1

PARISH OR COUNTY Vermillion STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>When running tubing</u> <u>Trough above casing</u> <u>agitation</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size <u>3 1/2</u>
		Depth _____		Type <u>11 1/2 - Lock</u>
		Max Bit _____		Am. <u>30 1/2 = 95 ft</u>

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Flare _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

700-770-4hr Field agitate meeting to run RIG & Engin
770-1200-4hr 770A with 3 1/2" C-15 770- Lock tubing laying
Down 95 ft + 6-8-2-ft plug in
1200-100-1hr RID 3 1/2 Eng
100-200-1hr RTD made shot at 3035 ft floor
200-500-2hr 770 6" casing head 6" so out of casing align
30 ft from head
500-600-1hr pull casing align out of well head

U.S. BOE Willie Hulin Well No. 1
Sec. 2, T-14S, R4E Serial #158468
South East Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST
	YES	NO	
SUPPLIES		<u>None</u>	
FUEL			
TRUCKING			

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Touchet</u>	UNIT <u>12</u>	HRS. @ \$	
DIESEL		T.I.W.		DERRICK MAN <u>William</u>		@ \$	
STRIPPER		PIPE RACK		HELPER <u>P. Touchet</u>		@ \$	
POWER SUB.		SHAKER		HELPER <u>P. Touchet</u>		@ \$	
TRUCKING		2 nd PUMP		HELPER		@ \$	
GENERATOR		CENTRIFUGAL				@ \$	
EXTRA LABOR		GUARD				@ \$	
SUPPLIES		PIPE DOPE				@ \$	
RAMS		MISC.				@ \$	
LONG DIES						@ \$	

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7792

REPORT NO. 16

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 2-28-94
FIELD South Earth LEASE Willie Hulin WELL NO. 1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>always wear</u> <u>head hats & safety</u> <u>tool boots & eye wear</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Am. _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydril _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Via. _____	Depth _____		Footage Made _____	

700-730-1/2 hr. Held safety meetings & set Rig & Egan.
730-300-8 hrs. Make up 6.05 overshot RTH latch on to
6.05 casing pull up hole & hang off in well head with shipe
300-400-1 hr. Load out all Rental Tool on Jinn
400-500-1 hr. RTH up work floor & get Ready To pull 6.05"
casing

U.S. DOE Willie Hulin well #1
Sec. 2 T-14S, R4E Serial #159468
South Earth Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER	<u>D Touchet</u>	UNIT <u>10</u>	HRS. @ \$ _____
DIESEL		T.I.W.		DERRICK MAN			@ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>M Thompson</u>		@ \$ _____
POWER SUB.		SHAKER		HELPER	<u>D Mullins</u>		@ \$ _____
TRUCKING		2 ND PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7793

REPORT NO. 17

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 3-1-94
FIELD South Earth LEASE Willie Hulin WELL NO. 1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Ami. _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Flare _____	Hydril _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Vis. _____	Depth _____		Footage Made _____	

7:00-7:30 AM Held safety meeting & over Rig & Equip
7:30-5:00-9:15 pm 110 6.05" casing 68 joints

U.S. DOE Willie Hulin Well No. 1
6.05" - 70.95" 5135 ~~Draco~~ Drisco
Serial #158 468
South Earth Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST
	YES	NO	
SUPPLIES			
FUEL			
TRUCKING			

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Touchet</u>	UNIT <u>10</u>	HRS. @ \$	\$
DIESEL		T.J.W.		DERRICK MAN <u>D. Mullins</u>		@ \$	\$
STRIPPER		PIPE RACK		HELPER <u>M. Thurnton</u>		@ \$	\$
POWER SUB.		SHAKER		HELPER <u>S. Amest</u>		@ \$	\$
TRUCKING		2 nd PUMP		HELPER <u>C. Holifield</u>		@ \$	\$
GENERATOR		CENTRIFUGAL				@ \$	\$
EXTRA LABOR		GUARD				@ \$	\$
SUPPLIES		PIPE DOPE				@ \$	\$
RAMS		MISC.				@ \$	\$
LONG DIES						@ \$	\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annrly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



TICKET 7794

REPORT NO. 14

DAILY WORKOVER REPORT

COMPANY U.S. ROF DATE 3-2-74
FIELD South Erath LEASE Willie Hulin WELL NO. 1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Keep hand Rails</u> <u>on work floor</u> <u>at all times</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Am. _____
B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER
Flams _____ Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____	Size _____	Opening Depth _____	Bit Type _____	
Weight _____ Vls. _____	Depth _____	Footage Made _____		

700-730-1/2 hr Held safety meeting & ran Rig & Equip
730-500-9 hr Rth with 2 3/4 ph-b tubing & over shot 72 jet
taking off trailer

U.S. ROF Willie Hulin Well #1
Sec 2, T45, R4E. Serial #158468
South Erath Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Touchet</u>	UNIT <u>10</u>	HRS. @ \$	\$
DIESEL		T.I.W.		DERRICK MAN <u>D. Mullens</u>		@ \$	\$
STRIPPER		PIPE RACK		HELPER <u>M. Thomas</u>		@ \$	\$
POWER SUB.		SHAKER		HELPER <u>D. Ernest</u>		@ \$	\$
TRUCKING		2 nd PUMP		HELPER <u>C. Holifield</u>		@ \$	\$
GENERATOR		CENTRIFUGAL				@ \$	\$
EXTRA LABOR		GUARD				@ \$	\$
SUPPLIES		PIPE DOPE				@ \$	\$
RAMS ¹		MISC.				@ \$	\$
LONG DIES						@ \$	\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7795

REPORT NO. 19

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 3-3-94
FIELD South Earth LEASE Willis Hulen WELL NO. 1
PARISH OR COUNTY Vermillion STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>held all night</u> <u>equipped rig with</u> <u>new safety equipment</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Am. _____
B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER
Flame _____	Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____
Mud Type _____	Vis. _____	Size _____	Opening Depth _____	Bit Type _____
Weight _____		Depth _____	Footage Made _____	

700-730 hr. Held safety Meeting & over Rig & Equip.
730-1000-2100 hr. & running 90 SKS with for 200 in b.o.s. & 200 in 9 5/8"
from 3235 to 3035
1000-1000 hr. 200 h. with 2 3/4" p.h.-1 tubing
100-400-3 hr. would pull it on 9 5/8" stick
400-500-1 hr. R/U 5/8" make up shot R/U to 3020 ft made
shot 200 h. with 5/8"
500-600-1 hr. att to pull 9 5/8" casing success.

ph 25 ft. U.S. DOE Willis Hulen Well #1
80 ft b.o.s. as per 3035 ft. Sec. 2, T-145, R4E Serial #158464
Casing 30-98 South Earth Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT	HRS. @ \$
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Touchet</u>			\$
DIESEL		T.I.W.		DERRICK MAN <u>D. Williams</u>			\$
STRIPPER		PIPE RACK		HELPER <u>M. Norwood</u>			\$
POWER SUB.		SHAKER		HELPER <u>C. Holshield</u>			\$
TRUCKING		2 nd PUMP		HELPER			\$
GENERATOR		CENTRIFUGAL					\$
EXTRA LABOR		GUARD					\$
SUPPLIES		PIPE DOPE					\$
RAMS		MISC.					\$
LONG DIES							\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7796

REPORT NO. 20

DAILY WORKOVER REPORT

COMPANY U.S. O&E DATE 3-4-94
FIELD South Earth LEASE Willie Hulin WELL NO. 1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>Work Together</u> <u>when laying down</u> <u>pipe to to the rig</u>	Last Casing } Setting }	Size _____	Screen Setting _____	Tubing Setting _____
		Depth _____	Size _____	Type _____
		Max Bit _____	Interval _____	Ami _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

700-730-1/2 hr Held safety meeting & ran Rig & Egan
730-1030-2 1/2 hr R/W 5/8 making up shot R/W to 3000 ft made
shot 7000 R/W 5/8
1030-600-7/8 hr latch on to 9 5/8 casing pipe at 3000 ft & R/W
9 5/8 Egan

U.S. O&E Willie Hulin well No 1
Sec 2 T-145 R/W Serial # 1584108
South Earth Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>11</u>	HRS. @ \$ _____
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Zouchet</u>			@ \$ _____
DIESEL		T.I.W.		DERRICK MAN <u>E. Mullens</u>			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>M. Burwood</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER			@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Zouchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET 7797

REPORT NO. 21

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 3-5-94
FIELD South Earth LEASE William Hulse WELL NO. 1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING

Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____ Type _____ Amt. _____
	Depth _____		
	Max Bit _____		

B. O. P. TEST PRESSURES

Rams _____ Hydril _____
Mud Type _____
Weight _____ Vis. _____

PRODUCTION PRESSURE SETTING

Make & Model _____
Size _____
Depth _____

DRILL DEEPER

Closing Depth _____ Bit Size _____
Opening Depth _____ Bit Type _____
Footage Made _____

700-730-4 hr. Field safety Meeting & on Rig & Egm.
730-500-9 1/2 hr. Tool & LHA 9 1/2 casing 75 gals 30 ft per

75 gals 30 ft per 53.50 APT G95-5
95-25TD 50X

U.S. DOE well Hulse No. 1
Sec. 2, T-14S, R4E Serial #158468
South Earth Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER	<u>P. Touchet</u>	UNIT <u>10</u>	HRS. @ \$ _____
DIESEL		T.J.W.		DERRICK MAN	<u>P. Touchet</u>		@ \$ _____
STRIPPER		PIPE RACK		HELPER	<u>P. Touchet</u>		@ \$ _____
POWER SUB.		SHAKER		HELPER	<u>R. Fuller</u>		@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Bryon Touchet COMPANY REPRESENTATIVE _____

JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 281-0295

TICKET 7798

REPORT NO. 22

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 3-7-94
FIELD South Earth LEASE Willie Hulen WELL NO. 1
PARISH OR COUNTY Vernon Parish STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>none safety</u> <u>light</u> <u>using for</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Anti _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Name _____	Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

7:00-7:30 hrs Held safety meeting & see Rig & Equip.
7:30-8:00 hrs Rig out. Callar. To get to 11:34 report.
8:00-8:30 hrs 2 1/2" 5/8" made up shot RIS to 2868 ft. Made
shot. Good with 5/8"

U.S. DOE Willie Hulen well #1
Dec 2, 1988, R4E Serial #158468
South Earth Field Vernon Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D. Fouchet</u>	UNIT <u>16</u>	HRS. @ \$	\$
DIESEL		T.I.W.		DERRICK MAN <u>D. Mullens</u>		@ \$	\$
STRIPPER		PIPE RACK		HELPER <u>M. Norwood</u>		@ \$	\$
POWER SUB.		SHAKER		HELPER		@ \$	\$
TRUCKING		2 nd PUMP		HELPER		@ \$	\$
GENERATOR		CENTRIFUGAL				@ \$	\$
EXTRA LABOR		GUARD				@ \$	\$
SUPPLIES		PIPE DOPE				@ \$	\$
RAMS		MISC.				@ \$	\$
LONG DIES						@ \$	\$

TOOLPUSHER Douglas Fouchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ily.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 251-0295

TICKET 7799

REPORT NO. 23

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 3-8-94
FIELD South East LEASE Willie Hulin WELL NO. 1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>None stand on</u> <u>floor when working</u> <u>pipe with heavy load</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____
		Depth _____		Type _____
		Max Bit _____		Anti _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Name _____	Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Via _____	Depth _____	Footage Made _____		

700-730-5 hrs Field safety Meeting in our Rig & Equip
730-1100-3 hrs pull 11 3/4 Tub jct. To 11 3/4 casing
1100-1120-5 hrs att. To pull 11 3/4 250000 sensor.
1130-100-15 hrs Run 5/16 RID made shot 2966 P.O.A. RID 5/16
100-500-5 hrs att. To pull 11 3/4 sensor. Rig & cut 11 3/4 casing
head
500-300-2 hrs pull 11 3/4 force to hang on on skip

U.S. DOE Willie Hulin Well No. 1
Dec 2, T-145, R4E. Serial #158468
11 3/4 cut 2966 ft South East Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		None		
FUEL				
TRUCKING				

3 rd PARTY CHARGES		PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER	SLIP INSERT	DRILLER <u>R. Touchet</u>	UNIT <u>12</u>	HRS. @ \$ _____	
DIESEL	T.I.W.	DERRICK MAN <u>M. Mullins</u>		@ \$ _____	
STRIPPER	PIPE RACK	HELPER <u>M. Thompson</u>		@ \$ _____	
POWER SUB.	SHAKER	HELPER <u>A. Zeller</u>		@ \$ _____	
TRUCKING	2 nd PUMP	HELPER		@ \$ _____	
GENERATOR	CENTRIFUGAL			@ \$ _____	
EXTRA LABOR	GUARD			@ \$ _____	
SUPPLIES	PIPE DOPE			@ \$ _____	
RAMS	MISC.			@ \$ _____	
LONG DIES				@ \$ _____	

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



TICKET 1809

REPORT NO. 24

DAILY WORKOVER REPORT

COMPANY U.S. D&E DATE 3-9-94

FIELD South Earth LEASE Willie Hulen WELL NO. 1

PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>then get on log</u> <u>from point where</u> <u>to gas.</u>	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bk _____	Interval _____	Type _____
				Ami _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

200-730-1/2 in. Held against meeting in our Rig & Egon
230-500-9/16 in. Puck 11/4-5#-955 casing 20 ft

2900 FT = 73 ft
11/4-65# Ramco Butkner
95-5 special Overize Drift
U.S. D&E Willie Hulen Well No 1
Sec 2, T-14S, R4E Serial #158468
South Earth Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>	UNIT <u>10</u>	HRS. @ \$	\$
DIESEL		T.I.W.		DERRICK MAN <u>D. M. Williams</u>		@ \$	\$
STRIPPER		PIPE RACK		HELPER <u>M. Harrison</u>		@ \$	\$
POWER SUB.		SHAKER		HELPER <u>R. Fuller</u>		@ \$	\$
TRUCKING		2 ND PUMP		HELPER		@ \$	\$
GENERATOR		CENTRIFUGAL				@ \$	\$
EXTRA LABOR		GUARD				@ \$	\$
SUPPLIES		PIPE DOPE				@ \$	\$
RAMS		MISC.				@ \$	\$
LONG DIES						@ \$	\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annully.

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Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



TICKET 7401

REPORT NO. 25

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 3-10-94

FIELD South East LEASE Willie Hulon WELL NO. 1

PARISH OR COUNTY Vermillion STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____		
		Max Bit _____		
		Interval _____		
Size _____	Size _____			
Type _____	Type _____			
Ann _____	Ann _____			

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Flams _____	Hydri _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

7:00-7:30 hr Held safety meeting & ran Rig & Equip.
7:30-10:00 hr RIN to with 2 3/4 Ph-b to 3000 ft
10:00-10:30 hr Mix 255 SKS cont for 100 ft 1 1/4 & 200 in 1/4"
pump from 3000 to 2800 ft
1:00-5:00 hr Pool with 2 3/4 Ph-b

U.S. DOE Willie Hulon Well No. 1
Inc. 2, T145, R4E Serial # 158468
South East Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>	UNIT <u>10</u>	HRS. @ \$ _____	
DIESEL		T.I.W.		DERRICK MAN <u>D Mulhens</u>		@ \$ _____	
STRIPPER		PIPE RACK		HELPER <u>M Newwood</u>		@ \$ _____	
POWER SUB.		SHAKER		HELPER <u>R Butler</u>		@ \$ _____	
TRUCKING		2 nd PUMP		HELPER		@ \$ _____	
GENERATOR		CENTRIFUGAL				@ \$ _____	
EXTRA LABOR		GUARD				@ \$ _____	
SUPPLIES		PIPE DOPE				@ \$ _____	
RAMS		MISC.				@ \$ _____	
LONG DIES						@ \$ _____	

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



TICKET 7402

REPORT NO. 26

DAILY WORKOVER REPORT

COMPANY U.S. DOE DATE 3-11-93
FIELD South Erath LEASE Willie Hulin WELL NO. 1
PARISH OR COUNTY Vermillion STATE La RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING	Last Casing Setting	Size _____	Screen Setting	Tubing Setting
		Depth _____	Size _____	Size _____
		Max Bit _____	Interval _____	Type _____
				Am _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydri _____	Make & Model _____		Closing Depth _____	Bit Size _____
Mud Type _____		Size _____		Opening Depth _____	Bit Type _____
Weight _____	Via _____	Depth _____		Footage Made _____	

700-730-1/2 hr. Hold Safety Meeting & over Rig & Equip
730-890-1/2 hr. RTH to 2500ft get Ready to mix cont.
830-1000-2 hr mix 200 SKS cont for 200 ft cont plug in 16"
from 2500 to 2300ft
1030-1200-1/2 hr. push JLD 2 1/2 T-H-L to 1000ft
1200-200-2 hr mix 200 SKS cont = 45 BBL's pump from 1000 ft
to 900ft
200-300 push to 100 ft
300-430-1 hr mix 105 SKS cont = 23 BBL's pump from 105 to
5 ft below Ground Level
430-600-1/2 hr. push JLD 120 ft off 2 1/2 T-H-L

U.S. DOE Willie Hulin Well No 1
Sec 2, T-14S, R-4E Serial #158464
South Erath Field Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER	SLIP INSERT			DRILLER		UNIT	HRS. @ \$
DIESEL	T.I.W.			DERRICK MAN		11	\$
STRIPPER	PIPE RACK			HELPER			\$
POWER SUB.	SHAKER			HELPER			\$
TRUCKING	2 nd PUMP			HELPER			\$
GENERATOR	CENTRIFUGAL						\$
EXTRA LABOR	GUARD						\$
SUPPLIES	PIPE DOPE						\$
RAMS	MISC.						\$
LONG DIES							\$

TOOLPUSHER Douglas Fouchet COMPANY REPRESENTATIVE _____
JOB NO. 32-5 ORDER NO. _____ CONTRACT NO. _____ JOB 32-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann. lly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

REPORT NO. 1

DAILY WORKOVER REPORT

COMPANY DOE DATE 3-14-94
FIELD South. Earth LEASE Willie Hulin WELL NO. SWD#1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>watch all cables</u> <u>when rigging up</u> <u>high pressure down</u>	Last Casing Setting } Size _____ Depth _____ Max Bit _____	Screen Setting	Tubing Setting
		Size _____	Size _____
		Interval _____	Type _____
		_____	Amt _____

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____	_____
Mud Type _____	_____	Size _____	Opening Depth _____	Bit Type _____	_____
Weight _____	Vis. _____	Depth _____	Footage Made _____	_____	_____

700-730 hrs. Held safety meeting & over rig & Equip.
730-1200-4 hrs. RIG & move on SWD#1 spot beam & rig
1200-500-5 hrs. RIG & put out across & guy wires

DOE Willie Hulin S.W. #1
Serial No 972009 - Dec 2 T-145
R4E Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST
	YES	NO	
SUPPLIES		<u>None</u>	
FUEL			
TRUCKING			

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION		
						UNIT <u>10</u>	HRS. @ \$	\$
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>			@ \$	\$
DIESEL		T.I.W.		DERRICK MAN <u>D Mullins</u>			@ \$	\$
STRIPPER		PIPE RACK		HELPER <u>M. Hornum</u>			@ \$	\$
POWER SUB.		SHAKER		HELPER			@ \$	\$
TRUCKING		2 nd PUMP		HELPER			@ \$	\$
GENERATOR		CENTRIFUGAL					@ \$	\$
EXTRA LABOR		GUARD					@ \$	\$
SUPPLIES		PIPE DOPE					@ \$	\$
RAMS		MISC.					@ \$	\$
LONG DIES							@ \$	\$

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____
JOB NO 33-5 ORDER NO. _____ CONTRACT NO. _____ JOB 33-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annully.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.



DAILY WORKOVER REPORT

COMPANY DOE DATE 3-15-94
FIELD South Earth LEASE Willis Huhon WELL NO. SWD #1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____
Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>no. something much</u> <u>so not to take in</u> <u>comat bust</u>	Last Casing Setting	Size _____	Screen Setting _____	Tubing Setting _____
		Depth _____	Size _____	Type <u>2-1/2" Hydril ET</u>
		Max Bit _____	Interval _____	Ami. <u>5450</u>

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Via _____	Depth _____	Footage Made _____		

700-730-1/2 hr. Held safety meeting in our Rig & Egon.
710-830-1/2 hr. got ready to inject. Later open tubing
open & on casing
830-930-1/2 hr. inject 100 BBL's at a press
930-1030-2 1/2 hr. run 105 SKS cont = 22 BBL's Single - - - - - cont.
To 6500 ft. final pump press 200#
1230-400-3 1/2 hr. Break Bottle on Tree
400-500-1 hr. Pull 5 1/2 out of area 5 1/2 from string out 80000

DOE Willis Huhon CWP #1
Serial No 972009 Inc. 2 T-415
R 4E Vermillion Parish.

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES			PERSONNEL		TIME DISTRIBUTION	
PIPEWIPER	SLIP INSERT		DRILLER		UNIT <u>10</u>	HRS. @ \$ _____
DIESEL	T.J.W.		DERRICK MAN	<u>D. Mullena</u>		@ \$ _____
STRIPPER	PIPE RACK		HELPER	<u>M. Howard</u>		@ \$ _____
POWER SUB.	SHAKER		HELPER			@ \$ _____
TRUCKING	2 ND PUMP		HELPER			@ \$ _____
GENERATOR	CENTRIFUGAL					@ \$ _____
EXTRA LABOR	GUARD					@ \$ _____
SUPPLIES	PIPE DOPE					@ \$ _____
RAMS	MISC.					@ \$ _____
LONG DIES						@ \$ _____

TOOLPUSHER Douglas Fouchet COMPANY REPRESENTATIVE _____
JOB NO. 33-5 ORDER NO. _____ CONTRACT NO. _____ JOB. 33-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annlly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, @ fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 281-0285

TICKET 1405

REPORT NO. 3

DAILY WORKOVER REPORT

COMPANY DOE DATE 3-16-94
FIELD South East LEASE Willie Hulin WELL NO. SWR #1
PARISH OR COUNTY Vermillion STATE LA RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>was held at 3</u> <u>safety Joe Bond</u> <u>when switching on rig</u>	Last Casing Setting	Size _____	Screen Setting
		Depth _____	Size _____
		Max Bit _____	Interval _____
		Tubing Setting	

B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Rams _____	Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____	Bit Type _____
Mud Type _____	_____	Size _____	Opening Depth _____	_____	_____
Weight _____	Vis _____	Depth _____	Footage Made _____	_____	_____

700-730-lbs Held Safety Meeting & set Rig & Egan
730-800-lbs R/L 5 1/2 Egan
900-1000-lbs R/L with 5 1/2-17" T 80 Hydraulic FJ 80 gti

DOE Willie Hulin well #1
Serial 972009 Inc. 2 T-14 S
R 4 E Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES				
FUEL				
TRUCKING				

3 rd PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>11</u>	HRS. @ \$ _____
PIPEWIPER		SLIP INSERT		DRILLER <u>D Touchet</u>			@ \$ _____
DIESEL		T.I.W.		DERRICK MAN <u>Mullena</u>			@ \$ _____
STRIPPER		PIPE RACK		HELPER <u>M. Howard</u>			@ \$ _____
POWER SUB.		SHAKER		HELPER			@ \$ _____
TRUCKING		2 nd PUMP		HELPER			@ \$ _____
GENERATOR		CENTRIFUGAL					@ \$ _____
EXTRA LABOR		GUARD					@ \$ _____
SUPPLIES		PIPE DOPE					@ \$ _____
RAMS		MISC.					@ \$ _____
LONG DIES							@ \$ _____

TOOLPUSHER Douglas Touchet COMPANY REPRESENTATIVE _____

JOB NO. 33-5 ORDER NO. _____ CONTRACT NO. _____ JOB 33-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% ann.ly.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

Drilling
Workover
Completion
Tank Battery Installation
Pumping Services
Salt Water Wells
Plug & Abandon



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506
(318) 261-0295

TICKET # 100

REPORT NO. 4

DAILY WORKOVER REPORT

COMPANY DOE DATE 3-17-94
FIELD South South LEASE Willis Hulen WELL NO. SWD #1
PARISH OR COUNTY Vermillion STATE La. RIG NO. 5

Present Perforations _____ Present Packer Setting _____

Total Depth _____ Present Depth _____ Type Plug _____

SAFETY MEETING <u>every body should</u> <u>work together and</u> <u>watch each other</u>	Last Casing Setting	Size _____	Screen Setting Size _____ Interval _____	Tubing Setting Size _____ Type _____ Amt. _____	
		Depth _____			
		Max Bit _____			
B. O. P. TEST PRESSURES		PRODUCTION PRESSURE SETTING		DRILL DEEPER	
Flare _____	Hydril _____	Make & Model _____	Closing Depth _____	Bit Size _____	
Mud Type _____		Size _____	Opening Depth _____	Bit Type _____	
Weight _____	Vis. _____	Depth _____	Footage Made _____		

700-730-1/2 hr Held safety meeting lower rig & Egan
730-200-7 hr. 700 ft. Logging down 5 1/2-17" H. 80 Hydril F.I

200-300-1 hr. Mix & Pump 35 SKS cont = 7 1/2 BBL's for 100 ft
Top plug 5' below ground to 105 ft.
900-400-1 hr. get Ready To Rig Down & cut well head
400-600-2 hr. R/D & swing cable for Road & pull ashore &
Pick up all gear for Rig

5 1/2 17" H. 80-5T Hydril 5450 ft DOE Willis Hulen CVW #1
Serial No. 972009 Dec. 2-
T-145 R4E Vermillion Parish

RIG EXPENSE	ACCIDENTS		SUPPLY REQUEST	
	YES	NO		
SUPPLIES		<u>None</u>		
FUEL				
TRUCKING				

3 RD PARTY CHARGES				PERSONNEL		TIME DISTRIBUTION	
						UNIT <u>11</u>	HRS. @ \$ _____
PIPEWIPER		SLIP INSERT		DRILLER <u>Douchet</u>			_____
DIESEL		T.J.W.		DERRICK MAN <u>Mulharg</u>			_____
STRIPPER		PIPE RACK		HELPER <u>M. Harwood</u>			_____
POWER SUB.		SHAKER		HELPER <u>T. Murrell</u>			_____
TRUCKING		2 ND PUMP		HELPER			_____
GENERATOR		CENTRIFUGAL					_____
EXTRA LABOR		GUARD					_____
SUPPLIES		PIPE DOPE					_____
RAMS		MISC.					_____
LONG DIES							_____

TOOLPUSHER Douglas Fouchet COMPANY REPRESENTATIVE _____

JOB NO. 33-5 ORDER NO. _____ CONTRACT NO. _____ JOB 33-5

TERMS: NET 30 DAYS. Accounts over 30 days will be charged 1 1/2% per month not to exceed 18% annually.

If this account is placed with a collection agency or an attorney for collection upon default of payment, a fee of 25% of the unpaid balance, together with all court costs, attorneys' fees, garnishment fees and 10% interest from maturity is hereby authorized.

EXHIBIT 6-P

Current Condition of Willis Hulin Well Site

CURRENT CONDITION OF WELLS

1. WILLIS HULIN PRODUCTION WELL

- (A) Surface pressure: 7,600 psi - 2000' of diesel is on top of the 9#/gal brine.
- (B) Bottom hole pressure: \pm 18,000 psi
- (C) Bottom hole temperature: \pm 350°F
- (D) Special problems:
 - (1) 17.2#/gal mud is in the 3-1/2" x 6.05" annulus.
 - (2) The well was drilled by The Superior Oil Company. Prior to the workover, pressure was on 9-5/8" x 11-3/4" annulus, the 9-5/8" x 6.05 annulus and the 3-1/2" x 6.0-5" annulus.
 - (3) The 5" tieback at 19,192' was partially collapsed and had to be opened using a watermelon mill.
 - (4) There are two packers in the 6.05" casing. The bottom one has the packing mandrel up for an outside seal and the top has a normal seal bore assembly.
 - (5) As shown in the well schematic, each of the annuli has little cement in them.
 - (6) Due to the 1-13/16" valves on the wellhead, a small thru tubing wireline gun was used to perforate and the perforations are probably quite small.
 - (7) There is a methane gas cap \pm 500' with \pm 20% CO₂ and 2% H₂S.

2. WILLIS HULIN SALTWATER DISPOSAL WELL

- (A) There is no pressure on this well.
- (B) The bottom hole temperature is probably less than 180°F.
- (C) The well had to be acidized twice to reduce the injection pressure.
 - (1) There is a possibility that this well has backflowed and sanded up.
 - (2) Several barrels of mud were inadvertently flowed into the disposal formation during the short test, due to collapsed filters. It is doubtful that enough brine was injected to disperse it very far from the well bore.

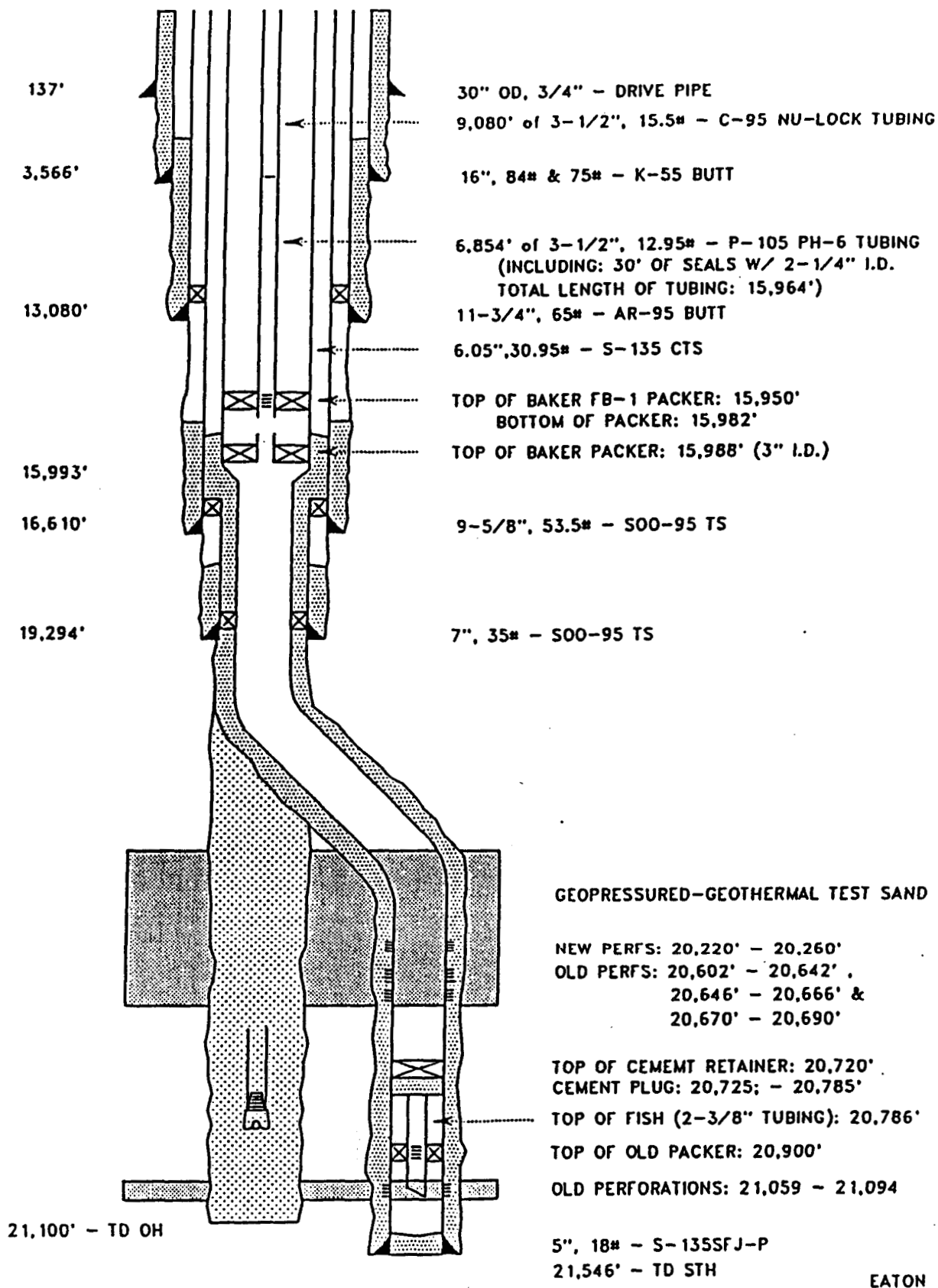
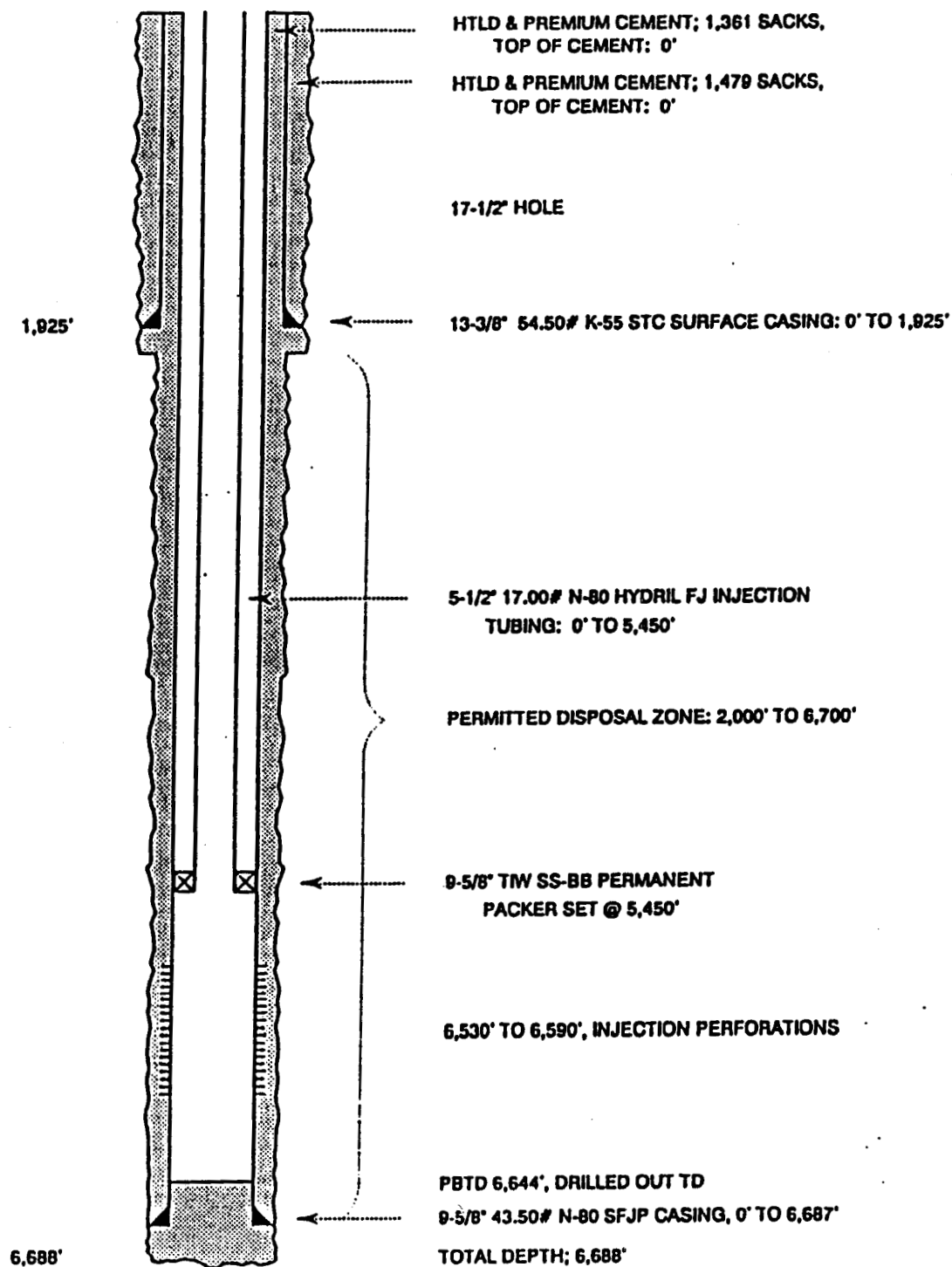


Figure 6-3. Willis Hulin No. 1 well schematic as completed by EOC, January 3, 1990.



EATON - KPP

Figure 6-4. Willis Hulin CVW No. 1 well schematic as completed by EOC, February 28, 1989.

PACKER INFORMATION

WILLIS HULIN NO. 1

Type: (Top Packer) Baker 45-30 FB-1 Retainer Production Packer

Set at - 15,950'
Length Feet - 2.38
O.D. Inches - 4.562
I.D. Inches - 3.00

40-30 Seal Bore Extension

Length Feet - 19.34
O.D. Inches - 3.780
I.D. Inches - 3.00

Concentric Coupling

Length Feet - .66
O.D. Inches - 4.440
I.D. Inches - 3.00

40-30 Seal Bore Extension (end of tool)

Length Feet - 9.64
O.D. Inches - 3.780
I.D. Inches - 3.00

Total length (top packer) - 32.02 Feet

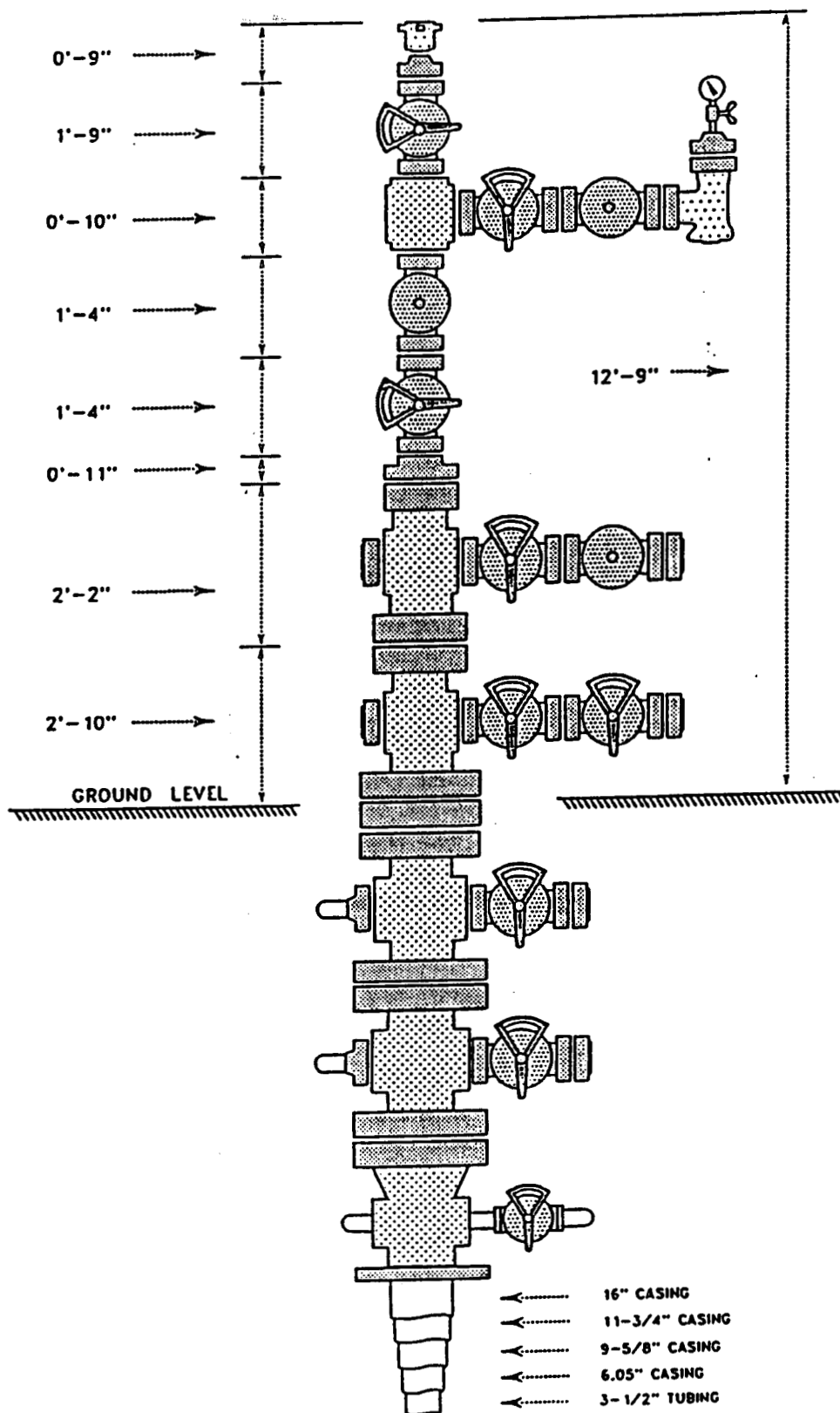
Type: (Lower Packer) Baker 45 FA-36 Retainer Production Packer

Length Feet - 2.43
O.D. Inches - 4.562
I.D. Inches 3.625 x 3.00

WILLIS HULIN CVW NO. 1

Type: TIW SS-BB Perm. Packer 5,450.00' to 5,473.25'
Packer and Seal Bore Extension - 23.25'
Packer I.D. - 6.00"

Seal Bore Assembly 17.36' long with 5.8125 " I.D.



EATON

Figure 6-5a. Willis Hulin No. 1 wellhead dimensions schematic as of October 1990.

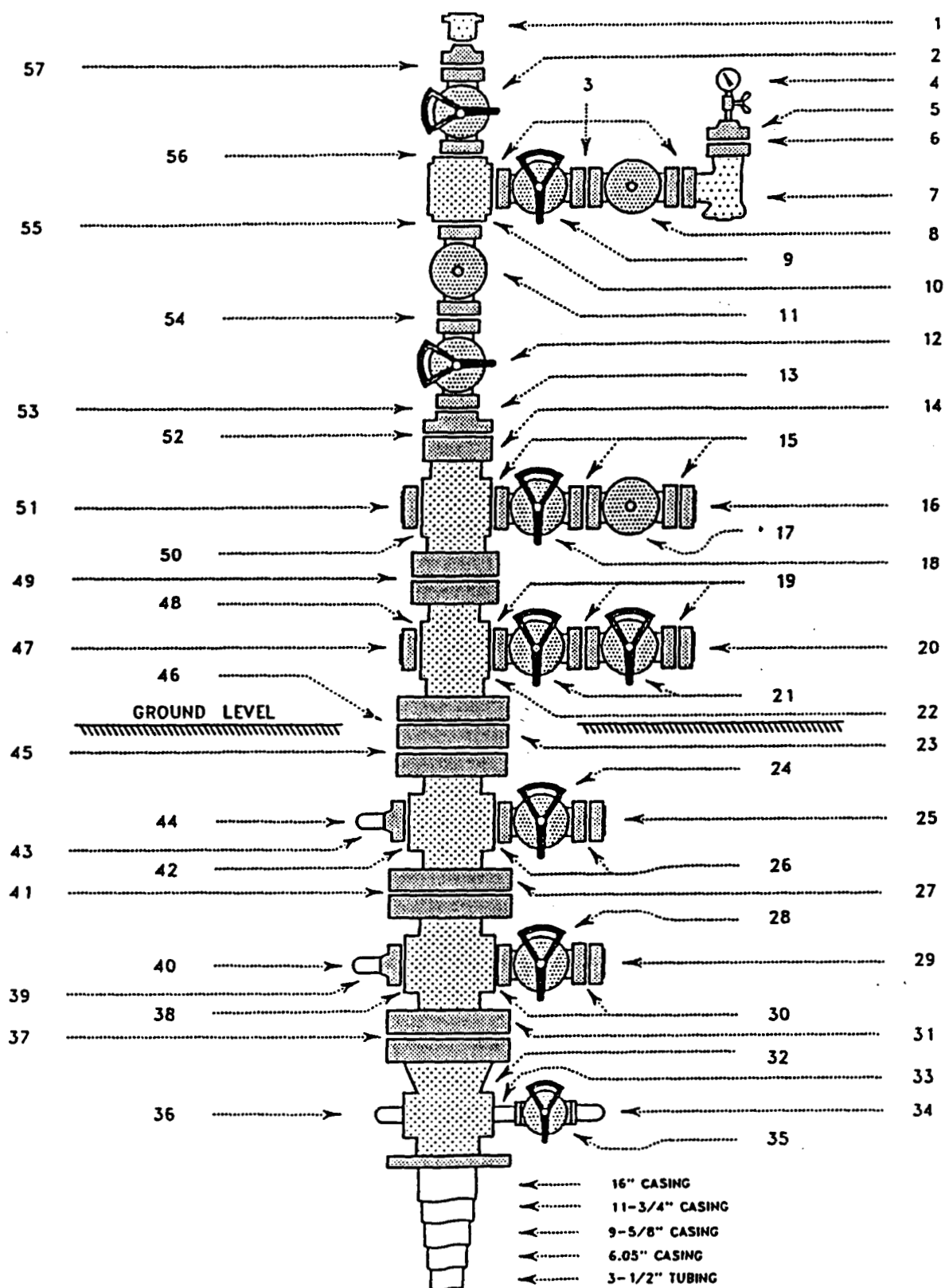


Figure 6-5b. Willis Hulin No. 1 wellhead dimensions schematic as of October 1990.

EATON

WILLIS HULIN NO. 1 PRODUCTION WELLHEAD

1. 1-13/16" B-11-A-0 20,000# W.P. (special O-ring seal) treecap
2. 1-13/16" 20,000# W.P. WKM "m-1" FE x FE gate valve w/T-26 hi-temp trim (S/N 584198-1)
3. BX-151 API 304 S.S. ring gaskets
4. 1-3/8" S.S. straight gauge cock w/0-10,000# W.P. S.S. pressure gauge w/4-1/2" face
5. 1-13/16" 20,000# W.P. flange tapped w/1-3/8" autoclave, 12's UNC
6. BX-151 API 304 S.S. ring gasket
7. 1-13/16" 20,000# W.P. OCT, "PC" FE x FE positive choke
8. 1-13/16" 20,000# W.P. WKM "m-1" FE x FE gate valve w/Otis type "u" hydraulic operator w/T-26 hi-temp trim (S/N 581833-4)
9. 1-13/16" 20,000# W.P. WKM "m-1" FE x FE gate valve w/T-26 hi-temp trim (S/N 536612-3)
10. 1-13/16" x 1-13/16" x 1-13/16" 20,000# W.P. studded T-608 flow tee
11. 1-13/16" 20,000# W.P. WKM "m-1" FE x FE gate valve w/Otis type "u" hydraulic operator w/T-26 hi-temp trim (S/N Z-584563-1)
12. 1-13/16" 20,000# W.P. WKM "m-1" FE x FE gate valve w/T-26 hi-temp trim (S/N 538396-4)
13. 7-1/16" 20,000# W.P. open face bottom x 1-13/16" 20,000# W.P. studded top OCT "A-5-P" S.S. tubing head bonnet adaptor w/test port and w/bottom bored for hi-pressure extended neck tubing hanger
14. 7-1/16" 20,000# W.P. x 7-1/16" 20,000# W.P. OCT type "TCM-BG" tubing head w/two (2) 1-13/16" 20,000# W.P. F.P.O.'s and w/bottom bored for hi-pressure extended neck tubing hanger

WILLIS HULIN NO. 1 PRODUCTION WELLHEAD

15. BX-151 API 304 S.S. ring gaskets
16. 1-13/16" 20,000# W.P. blind flange tapped w/1-1/8" N.F.T.
17. 1-13/16" 20,000# W.P. WKM "m-1" FE x FE gate valve w/Otis type "u" hydraulic operator w/T-26 hi-temp trim (S/N Z-580038-3)
18. 1-13/16" 20,000# W.P. WKM "m-1" FE x FE gate valve w/T-26 hi-temp trim (S/N 575456-1)
19. BX-151 API 304 S.S. ring gaskets
20. 1-13/16" 20,000# W.P. blind flange tapped w/1-1/8" N.F.T.
21. 1-13/16" 20,000# W.P. WKM "m-1" FE x FE gate valves w/T-26 hi-temp trim (S/N's 575778-1 & 575822-4)
22. 7-1/16" 20,000# W.P. x 11" 15,000# W.P. FE x FE, 6.05" OCT type "TCM-00" tubing head w/two (2) 1-13/16" 20,000# W.P. F.P.O.'s (S/N - none)

Note: includes 6" x 3-1/2" Armco Nu-Lock type "TC-1A-EN" tubing hanger, grooved for an OCT 3" type "IS" back pressure valve w/6.05" casing pack-off at the bottom of the 7-1/16" x 11" tubing head
23. 11" 15,000# W.P. x 11" 10,000# W.P. DSA w/internal 6.05" casing pack-off
24. 1-13/16" 10,000# W.P. WKM "m-1" FE x FE gate valve w/T-22 trim (S/N 535178-4)
25. 1-13/16" 10,000# W.P. blind flange tapped w/1-1/8" N.F.T.
26. BX-151 API 304 S.S. ring gaskets
27. 11" 10,000# W.P. x 13-5/8" 5,000# W.P. FE x FE, 9-5/8" OCT type "C-29-L-00" casing spool (S/N 54290)

Note: includes - 10" x 6-1/16" OCT type "C-29" casing hanger at the top of the csg spool and a 9-5/8" csg pack-off at the bottom

WILLIS HULIN NO. 1 PRODUCTION WELLHEAD

28. 2-1/16" 5,000# W.P. WKM FE x FE gate valve w/T-22 trim (S/N 33969)
29. 2-1/16" 5,000# W.P. blind flange tapped w/1-1/8" N.F.T.
30. R-24 API ring gaskets
31. 13-5/8" 5,000# W.P. x 16-3/4" 3,000# W.P. FE x FE, 11-3/4" OCT type "C-29-L-00" casing spool (S/N 24884)

Note: includes 12" x 9-5/8" OCT type "C-29" csg hanger at the top of the csg spool and a 11-3/4" csg pack-off at the bottom
32. 16-3/4" 3,000# W.P. OCT type "C-22" SOW casing head w/2" thick x 34" O.D. base plate and eight (8) 2" thick gussets (S/N none)

Note: includes 16-3/4" x 11-3/4" OCT type "C-22" casing hanger at the top of the csg head
33. 2" x 6" XXH nipple
34. 2" XXH bull plug
35. 2-1/16" 3,000# W.P. WKM thread x thread S.S. gate valve w/T-21 trim (S/N 555530-1)
36. 2" XXH bull plug
37. R-66 API ring gasket
38. R-24 API ring gasket
39. 2-1/16" 5,000# W.P. companion flange w/2" N.F.T.

WILLIS HULIN NO. 1 PRODUCTION WELLHEAD

- 40. 2" XXH bull plug
- 41. BX-160 API ring gasket
- 42. BX-151 API ring gasket
- 43. 1-13/16" 10,000# W.P. companion flange w/2" N.F.T.
- 44. 2" XXH bull plug
- 45. BX-158 API ring gasket
- 46. BX-158 API ring gasket
- 47. 1-13/16" 20,000# W.P. blind flange
- 48. BX-151 API 304 S.S. ring gasket
- 49. BX-156 API 304 S.S. ring gasket
- 50. BX-151 API 304 S.S. ring gasket
- 51. 1-13/16" 20,000# W.P. blind flange
- 52. BX-156 API 304 S.S. ring gasket
- 53. BX-151 API 304 S.S. ring gasket
- 54. BX-151 API 304 S.S. ring gasket
- 55. BX-151 API 304 S.S. ring gasket
- 56. BX-151 API 304 S.S. ring gasket
- 57. BX-151 API 304 S.S. ring gasket

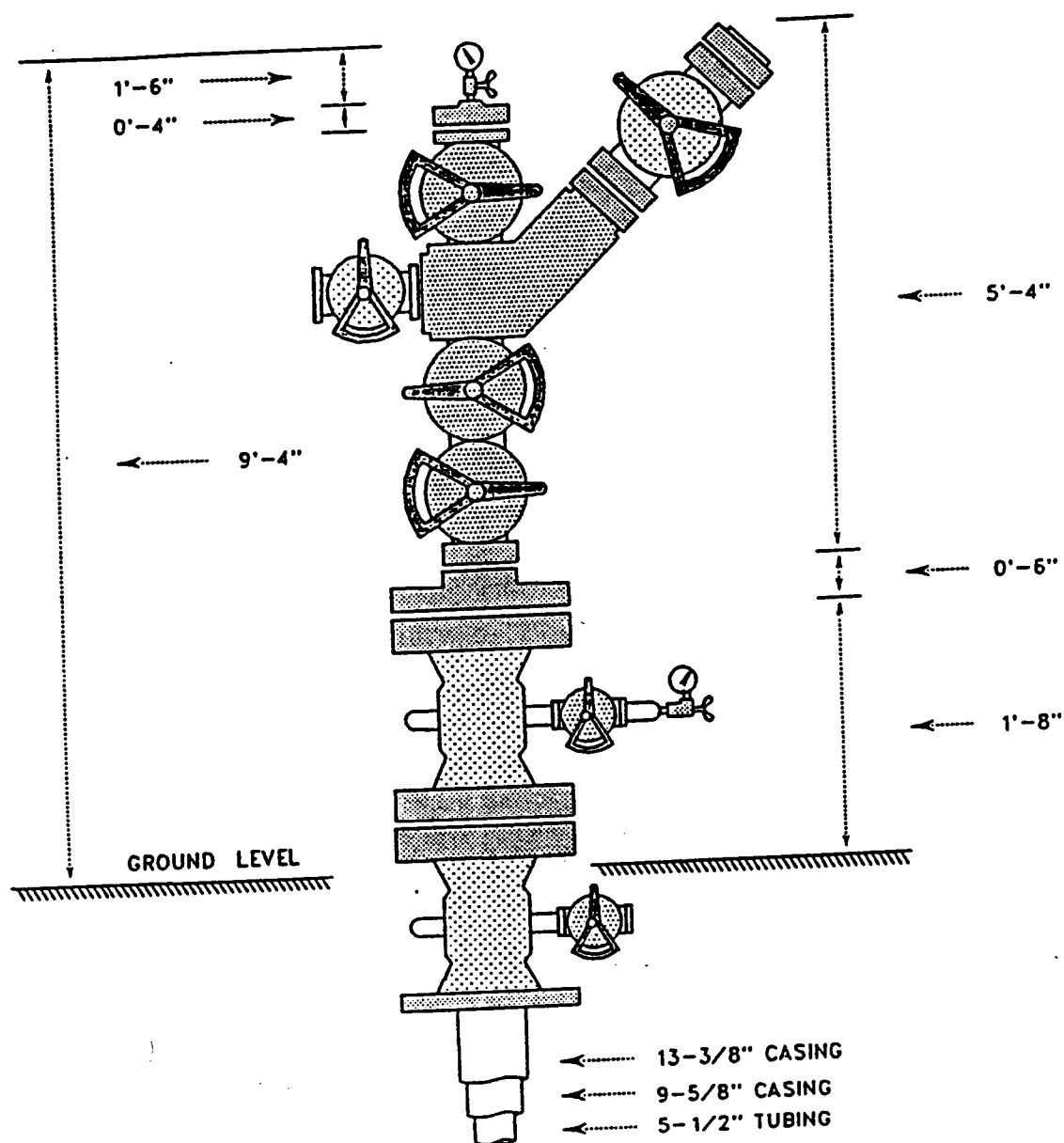


Figure 6-6a. Willis Hulin CVW No. 1 disposal wellhead dimensions as completed by EOC, EATON February 1989.

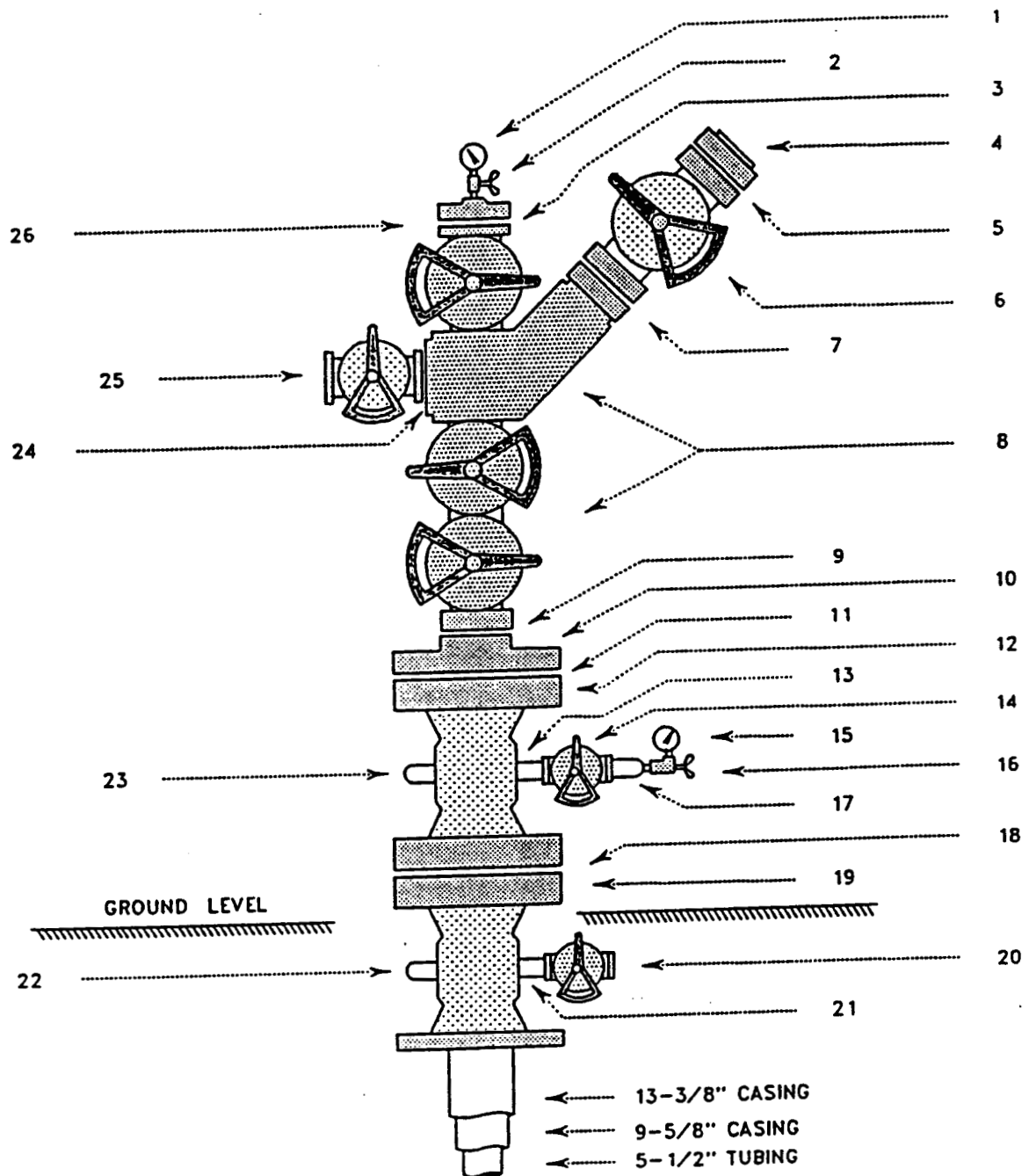


Figure 6-6b. Willis Hulin CVW No. 1 disposal wellhead dimensions as completed by EOC, EATON February 1989.

WILLIS HULIN C V W NO. 1 DISPOSAL WELLHEAD

1. 1/2" N.P.T. x 4-1/2" face, 0-5,000 PSI W.P. pressure gauge
2. 1/2" N.P.T. 5,000# W.P. needle valve
3. 2-7/8" 8 Rd nipple w/1/2" N.P.T. tap
4. 7-1/16" 5,000# W.P. flange w/2-7/8" 8 Rd R.F.
5. 7-1/16" 5,000# W.P. flange x 6" weld neck
6. R-46 API 316 S.S. ring gasket
7. 7-1/16" 5,000# "OCT", Model 20, balanced stem FE x FE gate valve (7-1/8" drift)
8. R-46 API 316 S.S. ring gasket
9. Composite tree consisting of: two (2) master valves and one (1) swab valve, each being 7-1/16" 5,000# "OCT", Model 20, balanced stem gate valves (7-1/8" drift); one (1) 7-1/16" 5,000# studed wing angled at 45 degrees from tree body,, and one (1) 4-1/16" 5,000# flanged wing at 90 degrees to body
10. R-50 API 316 S.S. ring gasket
11. 11" 5,000# W.P. x 9" 5,000# W.P. DSA
12. R-54 API 316 S. S. ring gasket
13. 13-3/8" 3,000# W.P. x 11" 5,000# W.P. w/two (2) 2" L.P.S.O.'s, tubing spool
14. 2" L.P. x 6" long, XXHVY nipple
15. 2" L.P. API 3,000# W.P. gate valve
16. 1/2" N.P.T. x 4-1/2" face, 0-5,000# pressure gauge
17. 1/2" N.P.T. needle valve
18. 2" L.P., tapped w/1/2" N.P.T., XXHVY bull plug
19. R-57 API 316 S.S. ring gasket

WILLIS HULIN C V W NO. 1 DISPOSAL WELLHEAD

20. 13-3/8" S.O.W. x 13-5/8" API 3,000# W.P. w/two (2) 2" L.P.S.O.'s and base plate for 20", casinghead
21. 2" L.P. 3,000# W.P. ball valve
22. 2" L.P. x 6" long, XXHVV nipple
23. 2" L.P. solid, SSHVV bull plug
24. 2" L.P. solid, XXHVV bull plug
25. R-39 API 316 S.S. ring gasket
26. 4-1/16" 5,000# "OCT" Model 20, balanced stem FE x FE gate valve
27. R-46 API 316 S.S. gasket

Exhibit 6-P
Attachment 4
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WILLIS HULIN

Surface production equipment - major components only:

1. Glycol Dehydration Unit; Manufacturer - Ken Wind Co.

Skid mounted unit with 6 tray absorber tower (12-3/4" O.D. x 20' high), a 125,000 BTU/Hr Glycol regenerator, and associated scrubbers, accumulators, separators and pumps.

Model No.: SB10-6H

S/N: 8402-215

Heater S/N: 40370

Manufactured approx. 1984

Reconditioned/preserved - 9/91

Exhibit 6-Q

Turnkey Bids for McCall and Hulin Sites

FROM: MAILROOM
TO: 1022813125610299
1995.04-06 04:52PM #134 P.03

TURNKEY BIDS FOR INDEPENDENT P&A OPERATIONS ON
THE GLADYS McCALL WELL NO. 1, CAMERON PARISH, LA
BID MATRIX
IFB-GM-93-3-21

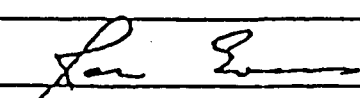
GLADYS McCALL NO. 1

TURNKEY BID
AS STATED

LINE ITEM DESCRIPTION

SECTION I:	Kill (final zero surface pressure) the Gladys McCall No. 1. Estimated time to complete _____	\$ <u>NO BID</u>
SECTION II:	Kill the Gladys McCall No. 1 and place a bottom cement plug above the present production perforations. Cement plug (location and size) must comply with all applicable regulations. Estimated time to complete _____	\$ <u>NO BID</u>
SECTION III:	Place the bottom cement plug only. Estimated time to complete _____	\$ <u>NO BID</u>
SECTION IV:	Complete plug and abandonment (P&A) of the Gladys McCall No. 1 after the well has been killed and the bottom cement plug has been placed by someone other than bidder. Estimated time to complete <u>160 Hours</u>	\$ <u>25,125</u>

Bidder's (Company's) Name PAW Drilling & Well Service, Inc.

Signature of Authorized Company Representative 

Date: 4/28/93

6-153

Exhibit 6-Q

TURNKEY BIDS FOR INDEPENDENT P&A OPERATIONS ON
THE GLADYS McCALL WELL NO. 1, CAMERON PARISH, LA
BID MATRIX
IFB-GM-93-3-21

GLADYS McCALL NO. 1TURNKEY BID
AS STATEDLINE ITEM DESCRIPTION

SECTION V: To kill the Gladys McCall No. 1, place the bottom cement plug, and complete plug and abandonment (P&A) of the well. \$ 40,125

Estimated time to complete 180 Hours

SECTION VI: Cost to provide a "Performance Bond", with "Payment Clause", as described in Note No. 8, Pages 3 and 4, of this IFB.. \$ 3,556

SECTION VII: Have any of the above bids been affected by bidder's interest in salvaging any casing/tubing or surface production equipment? XX YES
 NO

* If yes, please attach an itemized list of all items bidder is interested in obtaining.

All salvageable surface & downhole equipment

Bidder's (Company's) Name PAW Drilling & Well Service, Inc.

Signature of Authorized Company Representative *Paul Evans*

Date: 4/28/93

6-154

Exhibit 6-Q

**TURNKEY BIDS FOR INDEPENDENT P&A OPERATIONS ON
THE WILLIS HULIN WELL NO. 1 AND WILLIS HULIN CVW NO. 1, VERMILION PARISH, LA**

**BID MATRIX
IFB-WH-93-3-23**

**TURNKEY BID
AS STATED**

WILLIS HULIN NO. 1

LINE ITEM DESCRIPTION

SECTION I: Kill (final zero surface pressure) the Willis Hulin No. 1. \$ No Bid

Estimated time to complete _____

SECTION II: Kill the Willis Hulin No. 1 and place a bottom cement plug above the present production perforations. Cement plug (location and size) must comply with all applicable regulations. \$ No Bid

Estimated time to complete _____

SECTION III: Place the bottom cement plug only. \$ No Bid

Estimated time to complete _____

SECTION IV: Complete plug and abandonment (P&A) of the Willis Hulin No. 1 after the well has been killed and the bottom cement plug has been placed by someone other than bidder. \$ 31,200

Estimated time to complete 130 Hours

Bidder's (Company's) Name PAW Drilling & Well Service, Inc.

Signature of Authorized Company Representative *[Signature]*

Date: 4/28/93

6-155

Exhibit 6-Q

FROM MAILROOM

TO 1028813182610299

1993.04-06

04153P14 1134 P.05

TURNKEY BIDS FOR INDEPENDENT P&A OPERATIONS ON
THE WILLIS HULIN NO. 1 AND WILLIS HULIN CVW NO. 1, VERMILION PARISH, LA.

BID MATRIX
IFB-WH-93-3-23

TURNKEY BID
AS STATED

WILLIS HULIN NO. 1

LINE ITEM DESCRIPTION

SECTION V: To kill the Willis Hulin No. 1, place the bottom cement plug, and complete plug and abandonment (P&A) of the well. \$ 51,100
 Estimated time to complete 140 Hours

SECTION VI: Cost to provide a "Performance Bond", with "Payment Clause", as described in Note No. 8, Pages 3 and 4, of this IFB. \$ 3,200

SECTION VII: Have any of the above bids been affected by bidder's interest in salvaging any casing/tubing or surface production equipment? XX YES
 NO
 If yes, please attach an itemized list of all items bidder is interested in obtaining. All salvageable downhole & surface equip.

WILLIS HULIN CVW NO. 1

SECTION VIII: Plug and abandon (P&A) the Willis Hulin CVW No. 1 \$ 0
 Estimated time to complete 35 Hours

SECTION IX: Has the above bid been affected by bidder's interest in salvaging any casing/tubing or the disposal wellhead? XX YES
 NO
 If yes, please attach an itemized list of all items bidder is interested in obtaining. All salvageable downhole & surface equip.

Bidder's (Company's) Name PAW Drilling & Well Service, Inc.

Signature of Authorized Company Representative *Ray E...*

6-156

Exhibit 6-Q

Exhibit 6-R

**EG&G Idaho, Inc.
Costs Savings Report**

EG&G IDAHO, INC.

Transporation & Renewable Energy Programs

Ted L. Rasmussen, Unit Manager

COSTS SAVINGS

Identified bellow are cost savings resulting from Quality Project Management Procedures. A savings of \$3.1 million resulted when EG&G Idaho, Inc. replaced the site operator for three geothermal test sites and instituted proper project management, intensive investigation of work to be performed (resulting in knowing the proper way to accomplish the work) and day to day control of contracts by the project manager Bennie N. Rinehart.

DOE cost estimate with the original contractor:

P&A Wells (3)	\$1,592,442
Restoration	\$347,620*
Administration (11m)	\$1,007,776
NORM Storage (10y)	<u>\$158,400</u>
Total Cost	\$3,106,238

* Note: The site restoration for Gladys McCall was estimated to be \$115,435 by the original contractor. When it was placed out for bid the cost came in at \$868,350. EG&G Idaho, Inc. changed the restoration plan and completed it for \$78,806. Using this amount then the savings shown below would be increased by \$789,544 to \$3,191,782.

EG&G Idaho, Inc. cost

P&A Wells (3)	\$185,214
Restoration	\$177,000
Administration (11m)	\$60,000
NORM Disposal	\$44,400
Subcontracts (Engineering & Attorney)	<u>\$237,386</u>
Total Cost	\$704,000

SAVINGS \$2,402,238

Adjusted Total SAVINGS \$3,191,782

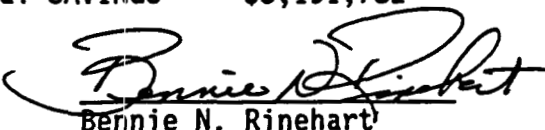

Bennie N. Rinehart
3-28-94

Exhibit 6-S

**PAW Drilling & Well Service, Inc.
P&A Cost and Salvage Report**

Workover
Drilling
Key
More
Offshore



DRILLING & WELL
SERVICE, INC.
101 GALBERT RD.
LAFAYETTE, LA 70506



LAFAYETTE
24 HOUR ANSWERING SERVICE
OFFICE: (318) 261-0295

August 6, 1993

E G & G Idaho, Inc.
P. O. Box 1625
Idaho Falls, ID 83415

Attn: Mr. Mike Bolender

RE: P & A Geopressured Wells - EG&G Idaho No C93-160650

Pursuant to my conversations with Mr. Bill Crownover and Mr. Ben Rinehart, we are pleased to submit the following information for your review.

1.	Gladys McCall #1 Well Cameron Parish, LA	Cost to P & A \$ 297,000 Salvage Value 253,300 ----- Net Bid/P&A \$ 43,700
2.	Gladys McCall SWDW #1 Cameron Parish, LA	Cost to P & A \$ 12,000 Salvage Value 12,000 ----- P&A for salvage -0-
3.	W. Hulin #1 Well Vermilion Parish, LA	Cost to P & A \$ 151,100 Salvage Value 96,800 ----- Net Bid/P&A \$ 54,300
4.	W. Hulin CVW #1 Vermilion Parish, LA	Cost to P & A \$ 12,000 Salvage Value 12,000 ----- P&A for salvage -0-