



**DEPARTMENT OF NATURAL RESOURCES**  
**09/29/23**

**BID PROPOSAL**  
***431-PA24-006***

***ABANDONMENT OF OILFIELD SITES***

**ORANGE GROVE AND HUMPHREYS FIELDS**

**Terrebonne Parish**

**Bid Opening Date: 11/2/23**

## **NOTICE TO BIDDERS**

Sealed bids will be opened and publicly read by the Department of Natural Resources, 617 North 3<sup>rd</sup> Street, 12<sup>th</sup> Floor, Room 1260, Baton Rouge, Louisiana at **11:00 A.M** on **November 2, 2023** for the following:

### **Bid Proposal Number: 431-PA24-006**

Orange Grove and Humphries Fields of Terrebonne Parish are subject to jurisdiction of the Lafayette District Office.

**NOTE:** A one-time **MANDATORY SITE VISIT** will be held on Wednesday, October 18, 2023 at 10:00 A.M. Pre-registration is required. To pre-register, contact Butch Romero @ (337) 501-5487 by 12:00 P.M., Monday October 9, 2023. Contractors must also sign up on the Oilfield Site Restoration Bid Portal to be able to attend the Site Visit and submit a bid.

Only those contractors who attend the Site Visit will be allowed to bid. Each contractor must sign the sign in and sign out sheets to be counted as an attendee. These sheets will be provided by a representative of the Office of Conservation.

This bid is being solicited under the provisions of the Louisiana Oilfield Site Restoration Law (Act 404 of 1993). Only bidders on the approved list of contractors (referenced in Act 404) at time of first public notice of solicitation shall be considered.

Bidders agree bid shall be good for a period of sixty (60) calendar days of the bid opening.

Bidder must upload entire bid proposal package with signature pages and with exceptions noted. Bidders must use the specified forms available in the bid proposal package. Bids must be filled out with ink or typewritten and signed in ink. Any alteration, erasure or correction must be initialed by signer of the bid, failure to do so may cause bid to be rejected.

**Contractors are only allowed to submit the bids via their online portal**

**BIDDER SHALL ASSUME FULL RESPONSIBILITY FOR TIMELY SUBMISSION OF THE BID DOCUMENT TO THE ONLINE PORTAL. THE OFFICE OF CONSERVATION CANNOT GUARANTEE CONTINUOUS OPERATION OF THE BID PORTAL.**

**PROPOSAL NUMBER: 431-PA24-006**  
**BID OPENING DATE: November 2, 2023**

**Department of Natural Resources**  
**Fiscal Section**  
**617 N. 3<sup>rd</sup> St., 12<sup>th</sup> Floor, Room 1260**  
**Baton Rouge, Louisiana 70802**

**PROJECT:**

Furnish all labor, materials, tools and equipment necessary for the Project as per plans, drawings and specifications prepared by the agency.

The undersigned, in compliance with your invitation for bids for the project listed above, having examined the specifications and related documents, inspected site and being familiar with all the conditions surrounding the fulfillment of the contract, hereby proposes to furnish all labor, materials, tools and equipment necessary to complete the above referenced project with the time set forth herein and for the price stated below.

The Lump Sum Total Price stated shall include all permits and governmental fees, licenses, inspections and all sales, consumer use and taxes of any other nature or kind whatever arising from or pertaining to the work or portions thereof provided by the contractor which are legally enacted at the time bids are received, whether or not yet effective.

**BASE BID:** I/We propose to furnish all materials and perform all work as described in the specifications and related documents for the sum of:

**LUMP SUM TOTAL \$** \_\_\_\_\_

\_\_\_\_\_  
**(WORDS AND FIGURES)**

\_\_\_\_\_  
**See: Enclosed Page for BREAKDOWN OF LUMP SUM TOTAL**

**COMPLETION DATE:** The undersigned guarantees completion of project as per base bid in \_\_\_\_\_  
calendar days.

**NOTE: Where so indicated by the makeup of the bid form, sums shall be expressed in both words and figures, and in case of a discrepancy between the two the written amount shall govern.**

**LOUISIANA CONTRACTOR'S LICENSE NO.** \_\_\_\_\_

**NAME (PRINT OR TYPE)** \_\_\_\_\_

**TITLE (PRINT OR TYPE)** \_\_\_\_\_

**SIGNATURE** \_\_\_\_\_

**FIRM NAME** \_\_\_\_\_

**ADDRESS (BOX)** \_\_\_\_\_

**PHYSICAL** \_\_\_\_\_

**CITY, STATE, ZIP** \_\_\_\_\_

**PHONE** (\_\_\_\_) \_\_\_\_\_ **FAX** (\_\_\_\_) \_\_\_\_\_ **EMAIL** \_\_\_\_\_

*It is not necessary to return "NO-BID" packages for Plug & Abandon Bids*

Bid proposal form, information and specifications may be obtained from the Fiscal Section, Dept. of Natural Resources, P.O. Box 94396 (or 617 N. 3<sup>rd</sup> Street, 12<sup>th</sup> Floor, Room 1262), Baton Rouge, LA 70804, or by calling (225) 342-4518 or (225) 342-6397.

No bids will be received after the date and hour specified. The right is reserved to reject any and all bids and waive any informalities.

Bidders may attend the bid opening, but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Bids may be examined after 72 hours of the bid opening. Information pertaining to completed files may be secured by appointment during normal working hours. Written bid tabulations will not be furnished unless requested.

**SIGNATURE AUTHORITY:** In accordance with L.R.S. 39:1594 (Act 121), the person signing the bid must be:

1. The current corporate officer, partnership member or other individual specifically authorized to submit a bid as reflected in the appropriate records on file with the Secretary of State; or
2. An individual authorized to bind the vendor as reflected by an accompanying corporate resolution, certificate or affidavit; or
3. An individual listed on the State of Louisiana Bidder's Application as authorized to execute bids.

By signing the bid, bidder certifies compliance with the above.

## **GENERAL CONDITIONS, INSTRUCTIONS, POLICIES AND PROCEDURES**

**ADDENDA:** The contractor must attach all addenda to his bid or otherwise acknowledge the receipt of same.

**WITHDRAWAL OF BIDS:** The contractor agrees that this bid shall be good and may not be withdrawn for a period of sixty (60) calendar days after the bid opening

**AFFIDAVIT:** Successful contractor shall be required to execute an affidavit attesting “THAT PUBLIC CONTRACT WAS NOT SECURED THROUGH EMPLOYMENT OR PAYMENT OF SOLICITOR” in compliance with Title 38,Section 2224.

**CONTRACT:** If the undersigned is notified of the acceptance of the above bid or bids, within thirty (30) days of the time set forth for the opening of bids, he agrees to execute a contract for the work accepted within then (10) days after notice from the Department of Natural Resources.

**RECORDATION CERTIFICATE:** Contractor shall upon receipt of executed contract, financial assurance documents and purchase order, record contract and financial assurance documents with the Clerk of Court in the parish in which the work is to be performed, obtain a Certificate of Recordation from the Clerk of Court and forward this certificate immediately to the Department of Natural Resources. This certificate must be received before any invoices on this project can be processed. The expense for this is the responsibility of the contractor.

**PAYMENT:** Upon satisfactory completion of the work, the Contract Price shall be paid to the contractor minus the retainage (10% of Contract Price for projects < \$500,000 and 5% of Contract Price for projects > \$500,000).

**ACCEPTANCE:** Upon completion of the work of the satisfaction of the Department of Natural Resources, a Notice of Acceptance of Work will be executed by the Department of Natural Resources and forwarded to the contractor for recording with the Clerk of Court in the parish in which the work has been performed. Contractor shall furnish to the Department of Natural Resources a Clear Lien Certificate from the Clerk of Court (to the owner along with final invoice) forty-five (45) days after recordation of acceptance. Upon receipt, final payment of the retainage will be made.

**NON-DISCRIMINATION:** The Department of Natural Resources does not discriminate on the basis of race, color, gender, pregnancy, age, religion, nation origin, veteran’s status, military service, political affiliation or disability, and require its contractors, subcontractors and suppliers to comply with this commitment.

**MINORITY/WOMAN OWNED:** If your organization is a Minority or Woman-Owned Enterprise, please send supporting documentation. This information is required for the purpose of reporting to Federal Funding Agencies. Send info to:

Department of Natural Resources  
Fiscal Section, Attn: Brennan Speyrer  
P.O Box 44277  
Baton Rouge, LA 70804  
or email: Brennan.Speyrer@la.gov

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## Section 1

### INTRODUCTION

The Louisiana Department of Natural Resources (LDNR) needs orphan wells plugged and abandoned, and production platforms with tanks, heaters, separators, cement slabs, pilings, ETC. to be removed in the Humphreys Field, Terrebonne Parish. This site is subject to the jurisdiction of the Lafayette District Office.

Enclosed in this bid document are instructions to the bidders and other information pertaining to these sites.

## Section 2

### INSTRUCTIONS FOR BIDDERS/CONTRACTORS

1. The bid price shall be submitted as a **LUMP SUM** quote for the complete scope of work including, but not limited to:
  - Management / Supervision
  - Personnel
  - Equipment
  - Engineering
  - Mobilization and demobilization
  - Logistics relating to personnel, equipment, or any other costs associated with support services
  - Materials and supplies
  - Weather and local interference
2. Bidders are to note that their lump sum bid shall be inclusive of any and all qualifications, clarifications, and/or exceptions the bidder may have. **Any qualifications, clarifications, or exceptions may disqualify the bid.**
3. All third party services utilized, equipment rented, or expendables used shall be paid directly by the contractor and included in the contractor's lump sum bid price.
4. Bidders shall take into account all salvage value on any equipment in their lump sum bid price. Additionally, bidders shall separately identify and place a value on each piece of salvage equipment on a well by well basis. The Department of Natural Resources will only assume the recovery of that surface equipment present on the site at the time of the site visit. Casing and tubing documented for each well in Section 7 under the heading of General Information will be assumed to be present but not guaranteed recoverable or saleable, therefore no value should be attributed to it. Any bidder who places a salvage value on such tubulars shall be solely responsible for recovery and merchantability thereof. The recovery of casing, tubing, pumps, sucker rods, packers, tubing hangers, and other downhole equipment is not warranted. All attempts to retrieve casing from the well must be done in accordance with the requirements contained in Item No. 26 of this Section. **NOTE: The contractor shall dispose of all salvaged equipment.**
5. If a lienor requests a hearing, and it is there determined that the salvage value exceeds the cost to restore the site, LDNR reserves the right to cancel any contract under which it does not receive from the contractor adequate funds to be paid to such lienor.
6. **Bidders shall submit the name, address, phone number, Federal Tax ID number, and a description of the nature of the work for each proposed subcontractor.**
7. **LDNR does not have a contractual relationship with any subcontractors.** LDNR is not obligated to pay or see that a subcontractor is paid for the work he performs. The contractor is responsible for their subcontractors' acts or omissions.

8. Bidders are notified that no explosives shall be allowed while carrying out the scope of work, with the exception of down hole perforating or down hole tubular cutting requirements.
9. **Bidders shall submit their detailed proposed procedures to carry out the scope of work contained in this bid document.** Failure to do so may result in the bid being rejected.
10. Contractor is responsible for all mobilization and demobilization of personnel, equipment, materials, and supplies.
11. The contractor shall be responsible for the planning and execution of all site restoration and removals described in the scope of work.
12. The contractor shall be responsible for making their representatives and subcontractors familiar with the site conditions within the scope of work.
13. The contractor shall be responsible for **removing, testing, transporting, and disposing** of all hazardous and nonhazardous **oilfield waste**, equipment, and scope of work materials in a manner that complies with all federal, state, and local regulations.
14. The contractor shall at all times keep the premises free from accumulations of waste materials and debris. If any materials are determined to be hazardous, removal and proper disposal according to the Department of Environmental Quality standards is the responsibility of the contractor.
15. **No work outside the scope of the bid award may be performed unless approved by Change Order.** See **Section 3** for change order procedures.
16. **Prior to commencement of work**, the successful bidder shall obtain all applicable work permits to perform the scope of work from the appropriate District Office. Any and all saltwater disposal wells included in the P&A package must be permitted through the Injection and Mining Division of the Office of Conservation. **The successful bidder shall notify the appropriate District Office in writing at least 24 hours prior to commencement of work.** Failure to notify the District Office shall result in a \$500.00 penalty to the successful bidder.
17. The **contractor shall be responsible for notifying the site landowners and/or lease holders and the landowners and/or lease holders of any property used for ingress and egress** prior to the commencement of work. You must fill out the **landowner affidavit form** that will be provided with the contracts when a bid is awarded. The forms must be sent to the district with final paperwork once a job is complete (This may not always be possible, but a good faith effort must be made). The contractor shall notify the landowners at least 24 hours prior to commencement of work; however, acquisition of rights-of-way is unnecessary because the Act authorizes entry on land of another by the Secretary or his agents for site assessment or restoration.
18. If the contractor **fails to commence work** within the time specified in the "Notice to Proceed", the contractor may either be assessed a penalty of ½ % of the contract amount for each day work has not commenced or the bid will be awarded to the next low bidder. This will be at the discretion of LDNR. The dollar amount of the penalty shall be deducted from the 90% payment once the project is complete.
19. **Once the work commences, there shall not be more than a 24 hour lapse in work without the written consent of the Commissioner of Conservation;** with the exception of Saturdays and Sundays if the contractor does not plan to work weekends. If an unauthorized lapse of 24 hours or more occurs, the contractor shall be assessed a penalty of ½ % of the contract amount for each day work is not being performed. The dollar amount of the penalty shall be deducted from the 90% payment once the project is complete.



20. **Unless an extension is authorized** by the Commissioner of Conservation, if a contractor **fails to complete** the project by the completion date stated in the "Notice to Proceed", the contractor shall be assessed a penalty of ½ % of the contract amount for each day beyond the completion date until the job is satisfactorily completed. The dollar amount of the penalty shall be deducted from the 90% payment once the project is complete.
21. Once the project has begun, the **contractor shall be responsible for submitting a daily report** on all work performed. These reports shall be submitted **to both the Baton Rouge and appropriate District Office by email or fax each morning** by 9:00 AM for the work performed the preceding day. A copy of the daily report form to be used will be provided before the job starts.
22. All **well plug and abandonments and pit closures** shall be performed in accordance with LAC 43:XIX.Subpart 1 (**Statewide Order No. 29-B**) and all other federal, state, and local regulations applicable to this work, unless otherwise stated. The bidders are responsible to be aware and knowledgeable of all such regulations and to follow them accordingly. The successful bidder shall be required to obtain all permits from the applicable state and federal regulatory agencies necessary to complete the scope of work for this project. Any and all saltwater disposal wells included in the P&A package must be permitted through the Injection and Mining Division of the Office of Conservation.
23. All **cement plugs** placed in the wellbore(s) during plugging operations, unless otherwise required in **Section 7**, shall be blended neat slurries composed of API Class A or H cement, and having a minimum density of 15.6 pounds per gallon. API Class A cement may not be used in plugs placed at depths greater than 6000'. Dry and blended surface samples shall be provided to CES agent if requested.
24. All wells, when drilling or running or pulling casing or tubing, shall be equipped with hydraulically operated blow out preventers (BOP) equipped with both blind rams and pipe rams equipped with the proper size elements for the pipe being run. Annular or bag type (hydril) preventers may be substituted for the pipe rams. The BOP stack shall also allow full-bore access to the casing below. Unless otherwise stated, the BOP stack shall be rated to a minimum 3,000 psi working pressure.
25. **If casing is to be cut and removed** from the wellbore during plug and abandonment activity, a cast iron bridge plug (CIBP) shall be placed inside the casing to be cut, prior to cutting, 100' below the proposed cut depth. After the casing is removed, a bit and scraper run will be made to the top of the cut casing stub. A cement plug shall be placed in the wellbore from the CIBP to a depth 100' above the depth of the cut made on the casing. If the casing immediately inside the surface casing is to be cut, it may not be cut any deeper than a point at least 50' above the shoe of the surface casing.
26. **Land locations:** All production equipment shall be removed and locations shall be restored to natural grade and seeded with grass common to the area. All oil contaminated dirt shall be removed and properly disposed of. Clean replacement or fill dirt (with properly documented analysis for contamination and NORM) shall be brought in to insure location is returned to its natural grade.
27. Contractor is responsible for leaving site access ways in equal or better condition than prior to initiation of site restoration activity.
28. **Any pit constructed by the contractor** shall be registered with the Office of Conservation, Baton Rouge Office, by submitting a **Form UIC-15** as required by LAC 43:XIX.305.D. Contractor shall be required to close any such pit constructed in accordance with LAC 43:XIX.311 and 313.
29. Post-closure soil sample analyses shall also be performed on **all production facility containment areas closed** and shall also comply with the requirements set forth in LAC 43:XIX.311 and 313. For sampling purposes,

pits and facility containment areas are to be divided into a thirty foot by thirty foot grid pattern with representative samples taken from each grid. Subsurface sampling intervals for facilities may be adjusted at a site to accommodate site-specific information on subsurface contaminant distributions and in such cases will be included within the scope of work. Please note that all analytical tests submitted must be performed by Department of Environmental Quality (LDEQ) Louisiana Environmental Laboratory Accreditation Program (LELAP) accredited laboratories. Further, the laboratories must be accredited for each parameter and corresponding method referenced in the Department of Natural Resources (LDNR) lab manual entitled "Laboratory Procedures for Analysis of Exploration & Production Waste". Samples **MUST** be collected by the accredited Laboratory. A copy of chain of custody documentation must be included with Final Paperwork. Failure to submit custody documentation will delay project payment.

30. Upon completion of the project, contractor shall also file with the Office of Conservation, Baton Rouge Office, **Form ENG-16, Oilfield Waste Disposition**, indicating the disposition of all waste generated during the site restoration work. Copies of waste shipping manifests are required for all wastes transported off site for disposal.
31. It is the responsibility of the contractor while at the site visit to observe the condition of the wellhead and select the means by which entry into the tubing and casing strings can be accomplished. The contractor shall include in the bid price all costs associated with this operation, such as the need for additional valves, hot taps, etc.
32. In the event the project becomes lengthy, partial payments will be considered on a case by case basis. The same procedure for final payment will be followed.
33. Upon completion of the project, the **contractor shall complete Form P&A and Form WH-1** on each well plugged and abandoned and shall file same with the appropriate District Office. Additionally, contractor shall also submit any required pit closure data to the appropriate District Office.
34. Bidders may attend the bid opening, but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Bids may be examined after 72 hours of the bid opening. Information pertaining to completed files may be secured by visiting the Department of Natural Resources during normal working hours. Written bid tabulations will not be furnished unless requested.
35. **Information in this document** was obtained from Office of Conservation well files and site inspections performed by Office of Conservation personnel; however, because the Office of Conservation does not warrant this information as accurate, bidders are responsible for verifying all well information, pit dimensions, waste volumes, equipment, and other site specific conditions. Bidders shall have the opportunity to gather information by attending a **mandatory site visit** as outlined on Page 2, herein. **Only bidders attending the site visit shall be allowed to bid on this project.** LDNR shall also allow the successful bidder to make pre-job inspection trips.
36. Should it be determined at any time during site restoration work that a well or site conditions vary significantly from those described in the bid proposal, the LDNR reserves the right to delete the site from the project and compensate the contractor for work performed up to the point the site was omitted from the project. This compensation shall be negotiated in good faith between the contractor and LDNR based upon reasonable industry standards or charges. In the event the price cannot be agreed upon, the Commissioner shall set a fair price for the work and materials at issue and his decision shall be binding upon all parties concerned.
37. Contractor agrees to indemnify and hold harmless LDNR from all liabilities and cost of defense obligations resulting from acts of negligence by the Contractor.
38. The role of the LDNR personnel during the site restoration work is to ensure that work is being performed in accordance with the approved scope of work. **LDNR personnel are not to provide any type of guidance or**

**direction to the contractor or the contractor's subcontractors regarding the routes of ingress or egress to/from the wellsite.**

39. Contractors shall be responsible to ensure safe operations at all times and shall provide the proper materials, labor and equipment to safely perform the scope of work contained in this bid document. As the job requires, personal protective equipment for hearing, face, head, respiratory protection and fall protection shall be considered for use to protect personnel. Personnel and subcontractors should be properly trained in relation to their job duties. Additionally, pre-job safety meetings that include all affected personnel, including subcontractors, should be held to review responsibilities for the operations to be performed. Suitable fire-extinguishing equipment shall be on site during all operations. Telephone numbers, location, and other relevant information pertaining to availability of medical personnel, transportation, and medical facilities shall be available and a first aid kit shall also be on location. Any unsafe act/practice observed by an agent of the Office of Conservation during scope of work activities may result in the immediate cessation of work activities.
40. Any **questions relating to this bid** shall be submitted in writing to Roby Fulkerson at P.O. Box 94275, Baton Rouge, LA 70804, email ([roby.fulkerson@la.gov](mailto:roby.fulkerson@la.gov)) or ([casandra.parker@la.gov](mailto:casandra.parker@la.gov)) or fax number 225-342-2584 by no later than 4:30 p.m., five consecutive days after the site visit. No other questions shall be allowed or answered after this time, without exception.

### **Section 3**

#### **CHANGE ORDER PROCEDURES**

**A Change Order consists of additions, deletions, or other revisions to the scope of work and may be requested or initiated by the contractor or LDNR.** All requests for a Change Order shall be submitted in writing by the Contractor outlining specific factual conditions necessitating issuance of a Change Order. The Change Order shall be a lump sum quote to perform work that deviates from the specific procedures submitted in Item 4(a) of Section 5 necessary to complete the project. The Change Order quote shall include all costs necessary to complete the work covered by the Change Order, including all standby charges incurred during the Change Order approval process. Oral communication shall not be acceptable except in the case of an emergency where the proposed work must be performed immediately. No work relating to the requested Change Order shall be performed without a properly executed Change Order signed by the Commissioner of Conservation or in the event of an emergency verbal authority being granted by the Commissioner.

Except in the event of an emergency, the scope of work and if applicable the price, be it lump sum or time and material with a not to exceed figure, shall be entered on the Change Order form. In the event of an emergency, the contractor shall schedule a meeting with the Commissioner at the earliest possible time to discuss and agree upon a price for this change in work. Once a price is agreed upon, an Emergency Change Order shall be completed and signed by the Commissioner. In the event the price cannot be agreed upon, the Commissioner shall set a fair price for the work and materials at issue and his decision shall be binding upon all parties concerned.

Claims for extra compensation by the Contractor shall not be recognized and shall not be valid unless the Contractor has in his possession prior to the work being performed a properly executed Change Order form giving him the authorization to proceed with the extra work.

## **Section 4**

## **DEFINITIONS**

1. **PROCEDURES:** A detailed description of the work plan by which the contractor intends to carry out the scope of work.
2. **LUMP SUM:** A firm and inflexible quote that should allow for any unforeseen conditions that may alter or change the projected intent, the like of, but not limited to: procedures, schedules, methods, equipment, personnel, materials, and logistics.
3. **THE WORK:** The scope of work described in this bid document and included in the lump sum price.
4. **CONTRACTOR:** The successful bidder of a specific project.
5. **CONFIRMATORY CLEAN SOIL SAMPLE:** A homogenous, representative soil sample taken at the excavated surface of any pit or production facility containment area in which the pre-closure soil analysis provided by LDNR did not meet LAC 43:XIX.311 and 313 closure requirements.
6. **ORPHAN WELL:** A well which has been orphaned pursuant to the provisions of R.S. 30:80 et seq.
7. **TANK BATTERY:** An area allocated in the general proximity to well sites for the purpose of containing hydrocarbons and produced water in storage tanks. It is normally bordered by containment dikes/levees. A tank battery may or may not have existing storage tanks.
8. **PITS:** A natural topographic depression or man made excavation used to hold produced water or other E&P waste. See LAC 43:XIX.301 et seq. (Oilfield Pit Regulations)
9. **SITE:** The confines established for a specific well or group of wells and associated pits, tank batteries, and facilities.
10. **SUBCONTRACTOR:** Any individual, firm, partnership, corporation, or combination of the two or more firms or corporations acting jointly, that are bound contractually to the contractor to perform portions of this work.
11. **COMMENCEMENT OF WORK:** Physically and actively performing the scope of work contained in the bid document, such as closing a pit or plugging a well. This definition does not include moving equipment on to the location or “visiting” the location.
12. **FACILITY:** The aggregate of vessels, separators, heaters, tanks, treaters, etc. (commonly referred to as production equipment), utilized in the producing and processing of effluents from a well.
13. **PLUG AND ABANDON:** The date the well is cut and capped, or casing is cut at specified depth below mud line.

14. BOP TEST: This test is to verify the good working condition of the BOP. The hydraulic closure system on the preventers must be operational at all times. Pressure test to qualify integrity of BOP body, connection to wellhead, and seal of blind or pipe ram elements. A retest is required each time the BOP stack is removed and subsequently reinstalled on the well.

## Section 5

### INFORMATION BIDDERS ARE REQUIRED TO SUBMIT WITH BID PROPOSAL

1. This entire bid package.
2. Any addendum(s) related to this bid proposal.
3. No alternate procedures will be accepted.
4. Contractor shall provide a **project schedule** outlining the following:
  - (a) **Specific procedures** that he will perform in order to carry out the scope of work on the wells.
  - (b) The number of **days expected to complete the work** on the wells and pits.
  - (c) **Description of workday** hours and work week (ex. Monday thru Friday).
5. List of **subcontractors**. (Section 2.6)
6. **List of equipment** to be used on this project. All equipment brought to location shall be pretested and in good working condition and shall be rated to handle work anticipated based on depth and procedures.
7. **List of personnel** required to perform the scope of work.
8. Completed breakdown of lump sum total worksheet included in this bid document (**Section 8**).
9. Only the successful bidder will be required to submit a **current insurance certificate** at the time the bid is awarded. The certificate shall meet the requirements outlined in **Attachment 'A'** and shall reference the bid proposal number.

## Section 6

## MINIMUM EQUIPMENT REQUIREMENTS

The equipment requirements cited in this section shall be only the minimum requirements for the basic equipment packages used in performing the scope of work for the restoration of each of the sites contained in the bid. It remains the contractor's responsibility to include in the bid all other tools and equipment necessary to complete the scope of work.

This service is to include the following items of equipment:

- A. Rig – Workover rig capable of plugging wells in this bid package. The rig package shall include a minimum of a four (4) man crew plus tool pusher, power tongs, weight indicator, and all handling tools as needed for tubings; 2-1/2", 2 3/8" work string and "small diameter" pipe. **Rig must be able to pull doubles (66')**.
- B. Hydraulically actuated blowout preventers rated to a minimum **10,000** psi working pressure.
  - a. Includes annular, pipe, and blind rams.
  - b. Cross overs required to nipple BOP's to wellheads.
- C. Full opening pressure safety valve rated to a minimum **10,000** psi working pressure (internal and external rating).
- D. Circulating pump capable of pressuring up and circulating to **10,000** psi at 3 barrels per minute minimum. All connections in the line from the pump to wellhead shall also be rated to 10,000 psi.
- E. 400 barrel steel circulating tank
- F. Sufficient length of EUE work string drifted, tested and certified to have less than 12.5% maximum body wall loss (white band) and "small diameter" pipe.
- G. Normal fishing tools required to retrieve tubing. For example: overshot(s), grapple(s), spear(s), ETC.
- H. Wireline and/or slick line.



**Section 7**

**SCOPE OF WORK**

<b><u>Well Name</u></b>	O.H. Wylie Heirs #003			<b><u>Spud</u></b>	7/10/1972				
<b><u>Serial #</u></b>	140143			<b><u>Operator</u></b>	Baby Oil				
<b><u>Status</u></b>	Orphan			<b><u>LAT</u></b>	29 34 17.2				
<b><u>Field</u></b>	Orange Grove			<b><u>LONG</u></b>	90 50 8.6				
<b><u>Location</u></b>	Inland			<b><u>USDW</u></b>	+/-410				
<b><u>Parish</u></b>	Terrebonne			<b><u>Directional</u></b>	Yes (plug back and kick off at (4,980-ft)				
<b>Sidetrack at +/-4,999-ft. 9-5/8-in retainer at 4,999-ft with 385 sacks below and 15 sacks on top.</b>									
<b>Wellbore Components</b>									
<b><u>Type</u></b>	<b><u>Size (in)</u></b>	<b><u>Hole Size</u></b>	<b><u>ID</u></b>	<b><u>Top Depth (ft)</u></b>	<b><u>Bottom Depth (ft)</u></b>	<b><u>Weight (lb/ft)</u></b>	<b><u>Test (psi)</u></b>	<b><u>Cement Volume (sks)</u></b>	<b><u>Cement Top (ft)</u></b>
Casing	13.375	17.5	12.615	0	3,005	54.500	1950	2,200	-321
Casing	9.625	12.25	8.681	0	11,071	47.000	1950	1,200	4,999
Casing	7.000	8.5	6.094	0	11,277	32.000	2000	1,675	-2,594
Casing	5.000	5.875	4.276	11,031	12,077	18.000	1000	500	1,960
Packer					11,684				
Tubing	3.500			0	11,696				

**Plugging and Abandonment Procedure**

- *All Cement plugs shall be blended API cement. Class ‘A’ cement to be utilized from 0-ft - 6,000-ft and Class ‘H’ cement from 6,000-ft Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.*
  - *Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.*
1. Remove debris from well area. Mobilize equipment and materials on location. Make necessary repairs on wellhead. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test the 3-1/2-in x 7-in annulus, 7-in x 9-5/8-in annulus, and 9-5/8-in x 13-3/8-in annulus to 300 psi. Note\*: Report all rates and pressures to Lafayette District Office
  2. Mix and pump 25 sacks of cement and squeeze the perforations leaving the TOC at 11,684-ft. WOC 4 hours. Tag cement and pressure test tubing to 300 psi.
  3. Cut tubing above production packer at 11,600-ft. Circulate wellbore.
  4. Mix and pump 900-ft (125-sacks) of cement to set a balanced cement plug. This plug extends +/-300-ft above the liner top. WOC 4 hours. Tag cement with tubing. Pressure test casing to 300 psi.
  5. Cut tubing at 6,000-ft. Circulate wellbore. Mix and pump 300-ft (50-sacks) of cement to set a balanced cement plug. WOC 4 hours. Tag cement with tubing. Pressure test casing to 300 psi.
  6. Cut tubing at 3,105-ft, and lay down tubing. Pick up cement retainer, run in hole, and set at 2,900-ft. Set 300-ft (50-sacks) of cement above the cement retainer. Lay down tubing.
  7. Set 7-in CIBP at 180-ft below mud line. Attempt to cut and pull 7-in casing from 175-ft.
  8. Set 9-5/8” CIBP at 150-ft below mud line. Circulate 75 sacks balanced cement plug in 9-5/8-in casing. Displace 75 sacks of cement down the 9-5/8-in x 13-3/8-in annulus to 300-ft – 500-ft BML.
  9. Check 13-3/8-in annulus for cement. Top off annulus with 50-ft of cement if necessary.
  10. Complete removing remaining casing 15-ft BML.
  11. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
  12. Perform Site Clearance and Verification Survey. Remove landing near site, this must be included in bid price. Site must pass survey (with the use of divers or trawling). (See Section 2, Item 28).
  13. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

<b>Well Name</b>	Hlyw 1 RC SUB; Wylie #001				<b>Spud</b>	5/3/1975			
<b>Serial #</b>	148013				<b>Operator</b>	Baby Oil			
<b>Status</b>	Orphan				<b>LAT</b>	29 33 51.8			
<b>Field</b>	Humphreys				<b>LONG</b>	90 51 1.7			
<b>Location</b>	In Land				<b>USDW</b>	+/-425-ft			
<b>Parish</b>	Terrebonne				<b>Directional</b>				
<b>Wellbore Components</b>									
<b>Type</b>	<b>Size (in)</b>	<b>Hole Size</b>	<b>ID</b>	<b>Top Depth (ft)</b>	<b>Bottom Depth (ft)</b>	<b>Weight (lb/ft)</b>	<b>Test (psi)</b>	<b>Cement Volume (sks)</b>	<b>Cement Top (ft)</b>
Casing	13.375	17.5	12.615	0	3,000	54.500	1500	2,200	-326
Casing	9.625	12.25	8.755	0	10,904	43.000	2200	1,200	6,880
Casing	7.000	8.625	6.094	0	11,781	32.000	3500	750	6,094
Packer					11,450				
Tubing	2.875			0	11,671				

### **Plugging and Abandonment Procedure**

- *All Cement plugs shall be blended API cement. Class ‘A’ cement to be utilized from 0-ft - 6,000-ft and Class ‘H’ cement from 6,000-ft Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.*
  - *Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.*
1. Remove debris from well area. Mobilize equipment and materials on location. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings to 300 psi. Note\*: Report all rates and pressures to Lafayette District Office
  2. Mix and pump 25 sacks of cement and squeeze the perforations leaving the TOC at 11,524-ft. WOC 4 hours. Tag cement and pressure test tubing to 300 psi.
  3. Cut tubing above production packer at 11,400-ft. Circulate wellbore.
  4. Mix and pump 400-ft (75-sacks) of cement to set a balanced cement plug. WOC 4 hours. Tag cement with tubing. Pressure test casing to 300 psi.
  5. Cut tubing at 6,000-ft. Circulate wellbore. Mix and pump 300-ft (50-sacks) of cement to set a balanced cement plug. WOC 4 hours. Tag cement with tubing. Pressure test casing to 300 psi.
  6. Cut tubing at 3,000-ft, and lay down tubing. Pick up cast iron bridge with perforation guns below plug, run in hole, and set at 2,900-ft. Perforate 7-in casing below plug. Circulate 300-ft (50-sacks) of cement into 7-in x 9-5/8-in annulus. Tag and and pressure test CIBP to 300 psi. Set 300-ft (50-sacks) of cement above the cement retainer. Lay down tubing.
  7. Squeeze 300-ft (75 sacks) of cement down 9-5/8-in x 13-3/8-in annulus. Place top of cement in annulus at 2,700-ft.
  8. Set 7-in CIBP at 180-ft below mud line. Attempt to cut and pull 7-in casing from 175-ft.
  9. Set 9-5/8-in CIBP at 150-ft below mud line. Circulate 75 sacks balanced cement plug in 9-5/8-in casing. Displace 75 sacks of cement down the 9-5/8-in x 13-3/8-in annulus to 300-ft – 500-ft BML.
  10. Check 13-3/8-in annulus for cement. Top off annulus with 50-ft of cement if necessary.
  11. Complete removing remaining casing 15-ft BML.
  12. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
  13. Perform Site Clearance and Verification Survey. Remove landing near site, this must be included in bid price. Site must pass survey (with the use of divers or trawling). (See Section 2, Item 28).
  14. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

<b>Well Name</b>	L.D. Riggs et Al #009			<b>Spud</b>	11/20/1991				
<b>Serial #</b>	214072			<b>Operator</b>	Baby Oil				
<b>Status</b>	Orphan			<b>LAT</b>	29 34 16.5				
<b>Field</b>	Humphreys			<b>LONG</b>	90 51 17.7				
<b>Location</b>	In Land			<b>USDW</b>	+/-400-ft				
<b>Parish</b>	Terrebone			<b>Directional</b>	Yes, Max Angle 17 degs at 6,583-ft				
<b>Wellbore Components</b>									
<b>Type</b>	<b>Size (in)</b>	<b>Hole Size</b>	<b>ID</b>	<b>Top Depth (ft)</b>	<b>Bottom Depth (ft)</b>	<b>Weight (lb/ft)</b>	<b>Test (psi)</b>	<b>Cement Volume (sks)</b>	<b>Cement Top (ft)</b>
Casing	20			0	169				169
Casing	13.375	17.5	12.415	0	3,235	61 &68	2000	2,440	776
Casing	9.625	12.25	8.525	0	11,077	47	2000	850	9,177
Packer					10,361				
Tubing	2.875			0	10,361				

### **Plugging and Abandonment Procedure**

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0-ft - 6,000-ft and Class 'H' cement from 6,000-ft Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
  - ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***
1. Remove debris from well area. Mobilize equipment and materials on location. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings to 300 psi. Note\*: Report all rates and pressures to Lafayette District Office
  2. Mix and pump 50 sacks of cement and squeeze the perforations leaving the TOC at 10,361-ft. WOC 4 hours. Tag cement and pressure test tubing to 300-psi.
  3. Cut tubing above production packer at 10,300-ft. Circulate wellbore.
  4. Mix and pump 300-ft (100-sacks) of cement to set a balanced cement plug. WOC 4 hours. Tag cement with tubing. Pressure test casing to 300-psi.
  5. Cut tubing at 6,000-ft. Circulate wellbore. Mix and pump 300-ft (100-sacks) of cement to set a balanced cement plug. WOC 4 hours. Tag cement with tubing. Pressure test casing to 300-psi.
  6. Cut tubing at 3,000-ft, and lay down tubing. Pick up cast iron bridge with perforation guns below plug, run in hole, and set at 2,900-ft. Perforate 9-5/8-in casing below plug. Circulate 300-ft (100-sacks) of cement into 9-5/8-in x 13-3/8-in annulus.
  7. Tag and pressure test CIBP to 300-psi. Set 300-ft (100-sacks) of cement above the cement retainer. Lay down tubing.
  8. Attempt to cut and pull 9-5/8-in casing from 550-ft.
  9. Set 13-3/8-in CIBP at 500-ft below mud line. Perforation 13-3/8-in casing and squeeze 300-ft of cement (125 sacks) cement in 13-3/8-in x open hole annulus. Place a 200-ft of cement (150 sacks) above the cast iron bridge plug.
  10. Set a 100-ft cement surface plug inside of the 13-3/8-in and in the 13-3/8-in by open hole annulus.
  11. Complete removing remaining casing 15-ft BML.
  12. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
  13. Perform Site Clearance and Verification Survey. Remove landing near site, this must be included in bid price. Site must pass survey (with the use of divers or trawling). (See Section 2, Item 28).
  14. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

<b>Well Name</b>	L.D. Riggs et Al #011			<b>Spud</b>	12/23/1992				
<b>Serial #</b>	214149			<b>Operator</b>	Baby Oil				
<b>Status</b>	Orphan			<b>LAT</b>	29 34 53.1				
<b>Field</b>	Humphreys			<b>LONG</b>	90 51 56.8				
<b>Location</b>	In Land			<b>USDW</b>	+/-400-ft				
<b>Parish</b>	Terrebone			<b>Directional</b>	Yes, Max Angle 10 degs at 5,820-ft				
<b>Wellbore Components</b>									
<b>Type</b>	<b>Size (in)</b>	<b>Hole Size</b>	<b>ID</b>	<b>Top Depth (ft)</b>	<b>Bottom Depth (ft)</b>	<b>Weight (lb/ft)</b>	<b>Test (psi)</b>	<b>Cement Volume (sks)</b>	<b>Cement Top (ft)</b>
Casing	20			0	169				169
Casing	13.375	17.5	12.415	0	3,210	61 & 68	1500	2,490	701
Casing	7.625	9.625	6.625	0	10,992	39	1500	650	8,574
Casing	5.5	6.5	3.919	10,662	12,998	23	1160	425	8,452
Packer					11,900				
Tubing	2.875			0	11,900				

### **Plugging and Abandonment Procedure**

- **All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0-ft - 6,000-ft and Class 'H' cement from 6,000-ft Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.**
  - **Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.**
1. Remove debris from well area. Mobilize equipment and materials on location. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings to 300-psi. Note\*: Report all rates and pressures to Lafayette District Office
  2. RU wireline. MU gauge ring assembly with CCL. RIH in the tubing to 11,900-ft noting any restrictions, tight spots or obstructions.
  3. Mix and pump 25-sacks of cement and squeeze the perforations leaving the TOC in the tubing at 11,900-ft. WOC 4 hours. Tag cement with wireline.
  4. TIH with tubing punch and perforate tubing at 11,850-ft. Circulate well clean. Mix and pump 150-sacks of cement to leave balanced cement plug from 10,300-ft to 11,850 in the 2-7/8-in tubing and 2-7/8-in x casing annulus (cement extends +/- 300-ft above the liner top). WOC 4 hours. Tag cement with slick line. Pressure test casing to 300-psi.
  5. TIH with tubing punch and perforate tubing at 6,000-ft. Mix and pump 75-sacks of cement to leave balanced 300-ft cement plug from 5,700-ft to 6,000-ft in the 2-7/8-in tubing and 2-7/8-in x 7-5/8-in casing annulus. WOC 4 hours. Tag cement with slick line. Pressure test casing to 300-psi
  6. Cut 2-7/8-in tubing at 3,200-ft. Pull out of hole laying down tubing.
  7. Pick up cast iron bridge plug with perforation guns below. Run in hole to 3,100' and set cast iron bridge plug. Perforate the 7-5/8-in casing at 3,100-ft. Establish injection into perforations at 3,100-ft. Squeeze 125 cement into the 7-5/8-in x 13-3/8-in annulus at 3,100-ft. Unstring from the plug. Pressure test cast iron bridge plug to 300 psi and tag to confirm. Place a 200-ft balanced cement plug from 2,900-ft to 3,100-ft in the 7-5/8-in casing.
  8. Attempt to cut and pull 7-5/8-in casing from 550-ft.
  9. Set 13-3/8-in CIBP at 500-ft below mud line. Perforation 13-3/8-in casing and squeeze 300-ft of cement (125 sacks) cement in 13-3/8-in x open hole annulus. Place a 200-ft of cement (150 sacks) above the cast iron bridge plug.
  10. Set a 100-ft cement surface plug inside of the 13-3/8-in and in the 13-3/8-in by open hole annulus.
  11. Complete removing remaining casing 15-ft BML.
  12. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
  13. Perform Site Clearance and Verification Survey. Remove landing near site, this must be included in bid price. Site must pass survey (with the use of divers or trawling). (See Section 2, Item 28).

14. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

<b>Well Name</b>	L.D. Riggs etal #088			<b>Spud</b>	12/2/1993				
<b>Serial #</b>	216270			<b>Operator</b>	Baby Oil				
<b>Status</b>	Orphan			<b>LAT</b>	29 33 58.5				
<b>Field</b>	Humphreys			<b>LONG</b>	90 51 15.5				
<b>Location</b>	In Land			<b>USDW</b>	410-ft				
<b>Parish</b>	Terrebone			<b>Directional</b>	No				
<b>Wellbore Components</b>									
<b>Type</b>	<b>Size (in)</b>	<b>Hole Size</b>	<b>ID</b>	<b>Top Depth (ft)</b>	<b>Bottom Depth (ft)</b>	<b>Weight (lb/ft)</b>	<b>Test (psi)</b>	<b>Cement Volume (sks)</b>	<b>Cement Top (ft)</b>
Casing									#DIV/0!
Casing	13.375	17.5	12.259	0	3,200	68.000	1500	3,165	0
Casing	9.625	12.25	8.379	0	10,950	53.500	1500	925	7,849
Casing	5.500	8.5	4.545	0	12,601	23.000	1500	750	9,163
Packer					10,965 / 11,380				#DIV/0!
Tubing	2.875			0	11,457				

### **Plugging and Abandonment Procedure**

- **All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0-ft - 6,000-ft and Class 'H' cement from 6,000-ft Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.**
  - **Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.**
1. Remove debris from well area. Mobilize equipment and materials on location. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test the 5 ½-ft casing, the 5 ½-in x 9 5/8-in annulus, and the 9 5/8-in x 13-3/8-in annulus to 300 psi. Note\*: Report all rates and pressures to Lafayette District Office
  2. RU wireline. MU gauge ring assembly with CCL. RIH in the tubing and TOC at 10,965-ft noting any restrictions, tight spots or obstructions.
  3. Mix and pump 75-sacks of cement and squeeze the perforations leaving the TOC in the tubing at 10,850-ft. WOC 4 hours. Tag cement with wireline.
  4. TIH and perforate 2-7/8-in tubing at 10,800-ft. Circulate well clean and displace wellbore with corrosion inhibitor.
  5. Place a 700-ft balanced cement plug (75-sacks) from 10,100-ft to 10,800-ft in the 2-7/8-ft tubing and the 2-7/8-in x 5-1/2-in annulus. WOC 4 hours. Tag cement with slick line. Pressure test casing to 300 psi.
  6. Perforate 2-7/8-in tubing at 6,000-ft-ft.
  7. Place a 400-ft balanced cement plug (50-sacks) from 5,600-ft – 6,000-ft in the 2-7/8-ft tubing and the 2-7/8-in x 5-1/2-in annulus. WOC 4 hours. Tag cement with slick line. Pressure test casing to 300 psi.
  8. Cut and pull the 2-7/8-in tubing from 3,200-ft. Lay down tubing.
  9. Pick up 5-1/2-in cast iron bridge plug with perforation guns run below plug. Run in and set the cast iron bridge plug at 3,100-ft. Perforate the 5-1/2-in a casings at 3,100-ft. Establish injection into perforation at 3,100-ft.
  10. Squeeze 75-sacks cement into perforations at 3,100-ft and leave a balanced 200-ft cement plug from 2,900-ft to 3,100-ft inside the 5-1/2-in x 9-5/8-in annulus. Pressure test cast iron bridge plug to 300-psi and tag. Set 300-ft (30-sacks) balanced plug above cast iron bridge plug.
  11. Squeeze 300-ft (100-sacks) of cement down the 9-5/8-in x 13-3/8-in annulus. Place top of cement at 2,800'. Wait four hours and pressure test annulus to 300 psi (or above injection pressure).
  12. Cut and pull 5-1/2-in casing from 190-ft.
  13. Set 9-5/8-in-in CIBP at 180-ft.
  14. Perforate the 9-5/8-in casing, with casing perforating gun at 170-ft. Establish injection into perforation.
  15. TIH with work string to 170-ft. Squeeze 100-sacks cement into perforation and leave a balanced cement plug inside 9-5/8-in and between 9-5/8-in and 13-3/8-in from 170-ft to surface. Top off with cement as needed to assure cemented to surface WOC 4 Hours.

16. Verify 13-3/8-in is cemented to surface, if not top out.
17. Complete removing remaining casing 15-ft BML.
18. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
19. Perform Site Clearance and Verification Survey. Site must pass survey (with the use of divers or trawling). (See Section 2, Item 28).
20. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

Well Name	Orange Grove SWD #001			Operator	Baby Oil, Inc.				
Serial #	144271			LAT	29 34 10				
Field	Orange Grove SWD #001			LONG	90 49 39.4				
Location	Water			USDW	460-ft				
Parish	Terrebonne			Directional	No				
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	20								0
Casing	13.375	17.5	12.515	0	3,000	61	2000	2,200	783
Casing	9.625	12.25	8.681	0	11,190	47	2300	1,200	8,508
Casing	7.875	8.681		0	1,941	29.7	2000	1,000	-7,678
Perforations									
Packer									
Tubing	3.5		2.992	0	1,737	9.3			

### **Plugging and Abandonment Procedure**

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0-ft - 6,000-ft and Class 'H' cement from 6,000-ft Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
  - ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***
1. Remove debris from well area. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings and annuli to 300-psi. Note\*: Report all rates and pressures to Monroe District Office
  2. Rig up wireline and make gauge run to 1,941-ft.
  3. Squeeze perforations with 50 sacks of cement. Spot top of cement inside of casing at 1,700-ft.
  4. Pull packer and tubing from wellbore. If unable to pull packer, cut tubing above packer and lay down.
  5. Run in hole and set a CIBP at 1,650-ft.
  6. Pump 125-sacks of cement to set a 400-ft balanced cement plug in the 7-7/8-in casing from 1,250-ft to 1,650-ft. Pull above balanced plug. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
  7. Lay tubing down.
  8. Circulate a 75-sack balanced cement plug in the 7-7/8-in casing from 20-ft below mud line to 170-ft below mud line. Using a 1-ft string, set 100-ft cement plug in all casing annuli.
  9. Complete removing remaining casing 15-ft BML.
  10. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
  11. Perform Site Clearance and Verification Survey. Site must pass survey (with the use of divers or trawling). (See Section 2, Item 28).
  12. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.



Well Name	Orange Grove SWD #001			Operator	Baby Oil, Inc.				
Serial #	214169			LAT	29 34 17.4				
Field	Orange Grove			LONG	90 51 17.8				
Location	Water			USDW	425.00				
Parish	Terrebonne			Directional	Yes (max angle 16 degs at 6,950-ft)				
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	10.75	17.75	9.95	0	3,195	45.5	1500	1,940	1,947
Casing	7	9.875	6.18 4	0	11,072	29	2000	900	8,691
Casing	5	6.125	4.27 6	10,485	11,457	18	9000	170	9,714
Packer					11,059				
Perforations				10,884	10,968				

### **Plugging and Abandonment Procedure**

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0-ft-6,000-ft and Class 'H' cement from 6,000-ft- Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
  - ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***
1. Remove debris from well area. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings and annuli to 300 psi. Note\*: Report all rates and pressures to Lafayette District Office
  2. Rig up wireline and make gauge run to 10,779-ft.
  3. Establish injection into perforations. Squeeze 25-sacks of cement into production perforations, leaving top of cement at 10,779-ft. Wait on cement 4 hours. Tag and pressure test squeeze.
  4. Cut tubing above production packer at 10,750-ft.
  5. Pump 175-sacks of cement to set a 750-ft balanced cement plug in the 2-7/8-in tubing and 2-7/8-in tubing x 5-in and 2-7/8-in x 7-in casing annuli from 10,000-ft to 10,750-ft. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
  6. Cut tubing at 6,000-ft. Pump 25-sacks of cement to set a 600-ft balanced cement plug in the 2-7/8-in tubing and 2-7/8-in tubing x 5-in casing annulus from 5,400-ft to 6,000-ft. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
  7. Cut tubing at 3,100-ft. Lay tubing down. RIH and set bridge plug at 3,100-ft.
  8. Unstring from bridge plug. Set 50-sack plug above bridge plug. Tag TOC. Pressure test casing to 300 psi.
  9. Squeeze 75 sacks down 7-in x 10-3/4-in annulus. Place top of cement at 2,800-ft. WOC 4 hours. Pressure test to 300 psi.
  10. Cut 7-in casing and pull from 500-ft. Set 10-3/4-in CIBP at 475-ft.
  11. Circulate a 200-sack balanced cement plug in the 7-in casing. Using a 1-ft string, set 100-ft cement plug in the casing annulus.
  12. Complete removing remaining casing 15-ft below mud line.
  13. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
  14. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

<b>Well Name</b>	HLYWD 1 RE SUA; L D RIGGS ET AL #008			<b>Spud</b>	11/30/1990				
<b>Serial #</b>	212741			<b>Operator</b>	Baby Oil				
<b>Status</b>	Orphan			<b>LAT</b>	29 34 52.9				
<b>Field</b>	Humphreys			<b>LONG</b>	80 51 57.6				
<b>Location</b>	Water			<b>USDW</b>	+/-400'				
<b>Parish</b>	Terrebone			<b>Directional</b>	No				
<b>Wellbore Components</b>									
<b>Type</b>	<b>Size (in)</b>	<b>Hole Size</b>	<b>ID</b>	<b>Top Depth (ft)</b>	<b>Bottom Depth (ft)</b>	<b>Weight (lb/ft)</b>	<b>Test (psi)</b>	<b>Cement Volume (sks)</b>	<b>Cement Top (ft)</b>
Casing	20			0	186				186
Casing	13.375	17.5	12.415	0	3,200	68	1500	2,090	1,094
Casing	9.625	12.25	8.535	0	10,990	54	2500	635	9,571
Casing	7	8.5	6.004	10,672	12,680	35	1000	614	9,290
Perforations				11,955	12,015				
Packer					11,805				
Tubing	2.875			0	11,884				

#### **Plugging and Abandonment Procedure**

- **All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0-ft - 6,000-ft and Class 'H' cement from 6,000-ft Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.**
  - **Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.**
1. Remove debris from well area. Mobilize equipment and materials on location. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings to 300-psi. Note\*: Report all rates and pressures to Lafayette District Office
  2. RU wireline. MU gauge ring assembly with CCL. RIH in the tubing to 11,805-ft noting any restrictions, tight spots or obstructions.
  3. Mix and pump 50-sacks of cement and squeeze the perforations leaving the TOC in the tubing at 11,805-ft. WOC 4 hours. Tag cement with wireline.
  4. Cut tubing at 11,750-ft, and establish circulation. Set balanced cement plug from 11,250-ft to 11,750 in the 2-7/8-in tubing and 2-7/8-in x casing annulus. WOC 4 hours. Tag cement with slick line. Pressure test casing to 300-psi.
  5. Cut tubing at 10,600-ft (60-ft above liner top). Mix and pump 125-sacks of cement to leave balanced 300-ft cement plug from 5,700-ft to 6,000-ft in the 2-7/8-in tubing and 2-7/8-in x 9-5/8-in casing annulus. WOC 4 hours. Tag cement with slick line. Pressure test casing to 300-psi.
  6. Cut tubing at 6,000-ft. Mix and pump 125-sacks of cement to leave balanced 300-ft cement plug from 5,700-ft to 6,000-ft in the 2-7/8-in tubing and 2-7/8-in x 9-5/8-in casing annulus. WOC 4 hours. Tag cement with slick line. Pressure test casing to 300-psi
  7. Cut 2-7/8-in tubing at 3,200-ft. Pull out of hole laying down tubing.
  8. Pick up cast iron bridge plug with perforation guns below. Run in hole to 3,100' and set cast iron bridge plug. Perforate the 9-5/8-in casing at 3,100-ft. Establish injection into perforations at 3,100-ft. Squeeze 100 cement into the 9-5/8-in x 13-3/8-in annulus at 3,100-ft. Unstring from the plug. Pressure test cast iron bridge plug to 300 psi and tag to confirm. Place a 300-ft (101-sacks) balanced cement plug from 2,900-ft to 3,100-ft in the 9-5/8-in casing.
  9. Attempt to cut and pull 9-5/8-in casing from 550-ft.
  10. Set 13-3/8-in CIBP at 500-ft below mud line. Perforation 13-3/8-in casing and squeeze 300-ft of cement (150-sacks) cement in 13-3/8-in x open hole annulus. Place a 200-ft of cement (150-sacks) above the cast iron bridge plug.
  11. Set a 100-ft cement surface plug inside of the 13-3/8-in and in the 13-3/8-in by open hole annulus.
  12. Complete removing remaining casing 15-ft BML.
  13. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.

14. Perform Site Clearance and Verification Survey. Remove landing near site, this must be included in bid price. Site must pass survey (with the use of divers or trawling). (See Section 2, Item 28).
15. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

<b>Well Name</b>	HLYWD 1 RA SUA; O H WYLIER HEIRS #006-ALT	<b>Spud</b>	12/23/1992
<b>Serial #</b>	213261	<b>Operator</b>	Baby Oil
<b>Status</b>	Orphan	<b>LAT</b>	29 34 4
<b>Field</b>	Humphreys	<b>LONG</b>	90 49 54.1
<b>Location</b>	Water	<b>USDW</b>	+/-400'
<b>Parish</b>	Terrebone	<b>Directional</b>	Yes

#### Wellbore Components

<b>Type</b>	<b>Size (in)</b>	<b>Hole Size</b>	<b>ID</b>	<b>Top Depth (ft)</b>	<b>Bottom Depth (ft)</b>	<b>Weight (lb/ft)</b>	<b>Test (psi)</b>	<b>Cement Volume (sks)</b>	<b>Cement Top (ft)</b>
Casing	20			0	169				169
Casing	13.375	17.5	12.415	0	3,200	61	2000	2,277	905
Casing	9.625	12.25	8.535	0	11,250	54	2000	575	9,965
Casing	5.5	9.625	4.892	0	11,140	17	1900	300	10,523
Casing	3.500	4.750	2.750	10,724	11,865	9	1784	110	10,496
Packer					10,650				
Perforations				11,696	11,720				
Tubing	2.875			0	10,690				

#### **Plugging and Abandonment Procedure**

- **All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0-ft - 6,000-ft and Class 'H' cement from 6,000-ft Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.**
  - **Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.**
1. Remove debris from well area. Mobilize equipment and materials on location. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings to 300-psi. Note\*: Report all rates and pressures to Lafayette District Office
  2. RU wireline. MU gauge ring assembly with CCL. RIH in the tubing to 10,650-ft noting any restrictions, tight spots or obstructions.
  3. Mix and pump 50-sacks of cement and squeeze the perforations leaving the TOC in the tubing at 10,650-ft. WOC 4 hours. Tag cement with wireline.
  4. Cut tubing at 10,600-ft, and establish circulation. Set balanced cement plug from 10,000-ft to 10,600 (75-sacks) in the 2-7/8-in tubing and 2-7/8-in x casing annulus. WOC 4 hours. Tag cement with slick line. Pressure test casing to 300-psi.
  5. Cut tubing at 6,000-ft. Mix and pump 75-sacks of cement to leave balanced 600-ft cement plug from 5,400-ft to 6,000-ft in the 2-7/8-in tubing and 2-7/8-in x 5-1/2-in casing annulus. WOC 4 hours. Tag cement with slick line. Pressure test casing to 300-psi
  6. Cut 2-7/8-in tubing at 3,200-ft. Pull out of hole laying down tubing.
  7. Pick up cast iron bridge plug with perforation guns below. Run in hole to 3,100' and set cast iron bridge plug. Perforate the 5-1/2-in casing at 3,100-ft. Establish injection into perforations at 3,100-ft. Circulate 75 cement into the 5-1/2-in x 9-5/8-in annulus at 3,100-ft. Unstring from the plug. Pressure test cast iron bridge plug to 300 psi and tag to confirm. Place a 300-ft (50-sacks) balanced cement plug from 2,900-ft to 3,100-ft in the 9-5/8-in casing.
  8. Squeeze 100 sacks of cement down 9-5/8 x 13-3/8" annulus (300-ft). Spot top of cement at 2,800-ft. Wait on cement 4 hours. Pressure test to 300 psi or above injection pressure.
  9. Set 5-1/2-in cast iron bridge plug at 700-ft. Attempt to cut and pull 5-1/2-in casing from 650-ft.
  10. Set 9-5/8-in casing iron bridge plug at 600-ft. Cut and pull 9-5/8-in casing from 600-ft.
  11. Set 13-3/8-in CIBP at 500-ft below mud line. Perforation 13-3/8-in casing and squeeze 300-ft of cement (150 sxs) cement in 13-3/8-in x open hole annulus. Place a 200-ft of cement (125-sxs) above the cast iron bridge plug.
  12. Set a 100-ft cement surface plug inside of the 13-3/8-in and in the 13-3/8-in by open hole annulus.
  13. Complete removing remaining casing 15-ft BML.

14. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
15. Perform Site Clearance and Verification Survey. Remove landing near site, this must be included in bid price. Site must pass survey (with the use of divers or trawling). (See Section 2, Item 28).
16. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

**Satellite Facility Name**  
HLYWD 1 RA SUA; OH WYLIE HEIRS 006-ALT Facility

**Operator of Record**  
Baby Oil, Inc. (B249)

**Platform and Satellite Description**

***The Contractor is responsible for taking note at the site visit the condition of the platform and its contents.***

**Procedure for Production Platform Removal and Site Restoration**

1. Remove subject facility, production equipment, trash and debris, and all other material contained on the wooden platforms.
2. Remove all structure a minimum 10' below mud line (LSA-R.S. 43:XI.311(E)(2)(C)).
3. Unburied flowlines/pipelines entering or leaving the platform that are located within the site clearance radius are to be purged and totally removed within the radius area with the ends cut, capped and buried. Buried flowlines entering or leaving the platform are to be purged with the ends cut, capped and buried.
4. **Perform a Site Clearance & Verification Survey.** The Site Clearance and Verification Survey will be conducted within a radius of **400'** from the geometric center of the facility or up to existing bank. This search is to identify and physically describe debris located within the 400' radius that must be removed during site clearance to allow for passing a Verification Survey. Site must pass a 400' radius survey. **(See Section 2, Item 27).** **Note: Contractor must provide absorbent and/or containment booms to contain any sheen material that might be generated by the removal operations.** Restore any bottom damage caused by removal operations.





<u>Well Name</u>	<u>Well Serial Number</u>			<u>Operator of Record</u>					
Well Name	Melba Gill et al #001			Operator		Baby Oil, Inc.			
Serial #	215881			LAT		29 34 .1			
Field	Orange Grove			LONG		90 49 18.3			
Location	Water			USDW		460.00			
Parish	Terrebonne			Directional		Yes			
<u>Wellbore Components</u>									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	13.375	17.5	12.415	0	3,200	68	1000	2,424	757
Casing	9.625	12.25	8.535	1,610	11,500	53.5	1500	1,600	7,924
Casing	7.625	8.5	6.625	4,000	11,977	39	1500	450	7,883
Casing	5	6.5	4.276	11,684	12,810	18	1500	250	10,950
Packer					12,450				
Packer					11,300				
Perforations				12,137	12,144				
Tubing				Removed					

#### **Plugging and Abandonment Procedure**

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0-ft - 6,000-ft and Class 'H' cement from 6,000-ft Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.***
  - ***Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.***
1. Remove debris from well area. Mobilize equipment and materials on location. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings to 300-psi. Note\*: Report all rates and pressures to Lafayette District Office
  2. Pick up work string and run in wellbore to cement plug in 7-5/8-in casing at 11,241-ft. Circulate well clean. Mix and pump 75-sacks of cement to leave balanced cement plug from 10,900-ft to 11,240 in the 7-5/7-in casing. WOC 4 hours. Tag cement with slick line. Pressure test casing to 300-psi.
  3. Pull work string to 7-in casing cut at 4,100-ft. Mix and pump 175-sacks of cement to leave balanced cement plug from 3,300-ft to 4,100-ft in the 7-5/8-in casing and the 9-5/8-in casing. WOC 4 hours. Tag cement with slick line. Pressure test casing to 300-psi.
  4. Run in hole with perforation guns to 2,900-ft. Perforate the 9-5/8-in casing at 2,900-ft. Establish injection into perforations at 2,900-ft. Squeeze 100-sacks cement into the 9-5/8-in x 13-3/8-in annulus at 2,900-ft. Place 100-sacks of cement inside the 9-5/8-in casing. Wait on cement four hours. Pressure test to 300 psi and tag to confirm.
  5. Set 13-3/8-in CIBP at 1,500-ft. Mix and pump 125-sacks of cement to leave balanced cement plug from 1,300-ft to 1,500 in the 13-3/8-in casing. WOC 4 hours. Tag cement with slick line. Pressure test casing to 300-psi.
  6. Set surface plug from 20-ft BML to 175-ft BML, 125-sacks.
  7. Set a 100-ft cement surface plug inside of the 13-3/8-in and in the 13-3/8-in by open hole annulus.
  8. Complete removing remaining casing 15-ft BML.
  9. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
  10. Perform Site Clearance and Verification Survey. Remove landing near site, this must be included in bid price. Site must pass survey (with the use of divers or trawling). (See Section 2, Item 28).
  11. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.



<b>Well Name</b>	Hebert Cox ET AL #002		<b>Spud</b>	8/12/1993					
<b>Serial #</b>	215891		<b>Operator</b>	Baby Oil					
<b>Status</b>	Orphan		<b>LAT</b>	29 35 4.1					
<b>Field</b>	Humphreys		<b>LONG</b>	90 50 49.2					
<b>Location</b>	In Land		<b>USDW</b>	400					
<b>Parish</b>	Terrebone		<b>Directional</b>	Yes					
<b>Wellbore Components</b>									
<b>Type</b>	<b>Size (in)</b>	<b>Hole Size</b>	<b>ID</b>	<b>Top Depth (ft)</b>	<b>Bottom Depth (ft)</b>	<b>Weight (lb/ft)</b>	<b>Test (psi)</b>	<b>Cement Volume (sks)</b>	<b>Cement Top (ft)</b>
Casing									
Casing	13.375	17.5	12.259	0	3,205	68.000	1000	2,424	0
Casing	9.625	12.25	8.379	0	11,855	53.500	1500	855	8,988
Casing	5.500	8.5	4.545	0	13,252	23.000	3000	536	10,795
CIBP + 15" CMT	7,000 & 12,800 in 5-1/2"								
Packer					12,901				
Tubing	2.875				Removed				

### **Plugging and Abandonment Procedure**

*All Cement plugs shall be API Class H, having a minimum density of 15.6 pounds per gallon.*

*Minimum 9 ppg corrosion inhibited fluid to remain between all cement plugs.*

*Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.*

1. Remove debris from well area. Mobilize equipment and materials on location. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test the 5 ½-ft casing, the 5 ½-in x 9 5/8-in annulus, and the 9 5/8-in x 13-3/8-in annulus to 300 psi. Note\*: Report all rates and pressures to Lafayette District Office
2. Pick up work string and run in hole to CIBP and cement plug at 7,000-ft. Circulate wellbore clean. Tag plug and pressure test to 300 psi for 30 mins. C
3. Place a 500-ft balanced cement plug (25-sacks) from 6,500-ft to 7,000-ft in the 5-1/2-in casing. WOC 4 hours. Tag cement with slick line. Pressure test casing to 300 psi.
4. Pull out of hole and pick up CIBP with perforation guns below. Run in to 3,100-ft. Set CIBP and perforate 5-1/2" casing below CIBP. Squeeze 75-sacks of cement up 5-1/2" x 9-5/8" annulus. Unstring from plug and set a 300-ft cement plug above plug, 2,800-ft – 3,100-ft (25 sacks). Test plug to 300 psi.
5. Squeeze 300-ft of cement down 9-5/8" x 13-3/8" annulus, spot from 2,800-ft to 3,100-ft. Wait 24 hours and test to 300 psi.
6. Cut and pull 5-1/2-in casing from 190-ft.
7. Set 9-5/8-in-in CIBP at 180-ft.
8. Perforate the 9-5/8-in casing, with casing perforating gun at 170-ft. Establish injection into perforation.
9. TIH with work string to 170-ft. Squeeze 50-sacks cement into perforation and leave a balanced cement plug inside 9-5/8-in and between 9-5/8-in and 13-3/8-in from 170-ft to surface (100-sacks). Top off with cement as needed to assure cemented to surface WOC 4 Hours.
10. Verify 13-3/8-in is cemented to surface, if not top out.
11. Complete removing remaining casing 15-ft BML.
12. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
13. **Perform Site Clearance and Verification Survey.** Site must pass survey (with the use of divers or trawling). (See Section 2, Item 28).
14. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

<b>Well Name</b>	Wyllier Heirs			<b>Spud</b>	4/8/1997				
<b>Serial #</b>	220286			<b>Operator</b>	Baby Oil				
<b>Status</b>	Orphan			<b>LAT</b>	29 32 47.9				
<b>Field</b>	Humphreys			<b>LONG</b>	90 51 12.4				
<b>Location</b>	Water			<b>USDW</b>	+/-400'				
<b>Parish</b>	Terrebone			<b>Directional</b>	NO				
<b>Wellbore Components</b>									
<b>Type</b>	<b>Size (in)</b>	<b>Hole Size</b>	<b>ID</b>	<b>Top Depth (ft)</b>	<b>Bottom Depth (ft)</b>	<b>Weight (lb/ft)</b>	<b>Test (psi)</b>	<b>Cement Volume (sks)</b>	<b>Cement Top (ft)</b>
Casing	20			0	169				169
Casing	13.375	17.5	12.415	0	3,391	61 & 68	1500	3,412	0
Casing	9.625	12.25	8.535	0	11,020	53.50	1500	1,720	7,175
Casing	7.625	8.5	6.625	9,511	11,146	33.70	1000	240	8,963
Perforations				10,060	10,391				
Packer					9,950				
Tubing	2.875			0	10,868				

#### **Plugging and Abandonment Procedure**

- **All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0-ft - 6,000-ft and Class 'H' cement from 6,000-ft Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.**
  - **Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.**
1. Remove debris from well area. Mobilize equipment and materials on location. Make necessary repairs on wellhead. Install blow out preventers and test. Verify that the hydraulic closure system is operational at all times. Check well pressure on tubing and casing. Kill well if necessary. Establish injection rates and pressure in the tubing. Monitor casing pressure during injection or if necessary, pressure up on casing to determine tubing and casing integrity. Pressure test all casing strings to 300-psi. Note\*: Report all rates and pressures to Lafayette District Office
  2. RU wireline. MU gauge ring assembly with CCL. RIH in the tubing to 9,950-ft noting any restrictions, tight spots or obstructions.
  3. TIH with tubing punch and perforate tubing at 9,900-ft. Circulate well clean. Mix and pump 200-sacks of cement to leave balanced cement plug from 9,200-ft to 9,500 in the 2-7/8-in tubing and 2-7/8-in x casing annulus (cement extends +/-300-ft above the liner top). WOC 4 hours. Tag cement with slick line. Pressure test casing to 300-psi.
  4. TIH with tubing punch and perforate tubing at 6,000-ft. Mix and pump 100-sacks of cement to leave balanced 300-ft cement plug from 5,700-ft to 6,000-ft in the 2-7/8-in tubing and 2-7/8-in x 9-5/8-in casing annulus. WOC 4 hours. Tag cement with slick line. Pressure test casing to 300-psi
  5. Cut 2-7/8-in tubing at 3,300-ft. Pull out of hole laying down tubing.
  6. Pick up cast iron bridge plug with perforation guns below. Run in hole to 3,200' and set cast iron bridge plug. Perforate the 9-5/8-in casing at 3,200-ft. Establish injection into perforations at 3,200-ft. Squeeze 100 cement into the 9-5/8-in x 13-3/8-in annulus at 3,200-ft. Unstring from the plug. Pressure test cast iron bridge plug to 300 psi and tag to confirm. Place a 200-ft balanced cement plug from 2,900-ft to 3,300-ft in the 9-5/8-in casing.
  7. Attempt to cut and pull 9-5/8-in casing from 200-ft.
  8. Set 13-3/8-in CIBP at 175-ft below mud line.. Place a 200-ft of cement (125 sxs) above the cast iron bridge plug.
  9. Verify 13-3/8-in cement top is at surface, or top off.
  10. Complete removing remaining casing 15-ft BML.
  11. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
  12. Perform Site Clearance and Verification Survey. Remove landing near site, this must be included in bid price. Site must pass survey (with the use of divers or trawling). (See Section 2, Item 28).
  13. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

<u>Well Name</u>		<u>Well Serial Number</u>			<u>Operator of Record</u>				
Well Name	Melba Gill #012			Operator		Baby Oil, Inc.			
Serial #	221808 & 222118			LAT		29 32 55.1			
Field	Orange Grove			LONG		90 50 43.2			
Location	Water			USDW		460.00			
Parish	Terrebonne			Directional		No			
<u>Wellbore Components</u>									
Type	Size (in)	Hole Size	ID	Top Depth (ft)	Bottom Depth (ft)	Weight (lb/ft)	Test (psi)	Cement Volume (sks)	Cement Top (ft)
Casing	20			0	211				
Casing	13.375	17.5	12.415	0	3,566	68	1000	3,295	245
Casing	9.625	12.25	8.535	0	11,310	53.5	1000	1,680	7,555
Casing	7.625	8.5	6.625	11,000	13,776	32.5	1500	1,000	4,679
Packer					9,620				
Packer					9,802				
Packer					10,511				
Packer					10,553				
Perforations				9,742	9,788				
Perforations				10,488	10,498				
Perforations				10,892	10,910				
Tubing	2.875			0	10,846				

### Plugging and Abandonment Procedure

- **All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0-ft - 6,000-ft and Class 'H' cement from 6,000-ft Total Depth of Well. A minimum density of 15.6 ppg is required on all slurries. Accelerator additives as required to minimize time waiting on cement. Dry and blended cement samples shall be provided to CES agent if requested.**
  - **Contractor must provide absorbent and/or containment booms to contain any sheen that might be generated by the removal operations.**
1. RU wireline. MU gauge ring assembly with CCL. RIH in the long string to 10,553' noting any restrictions, tight spots or obstructions. RIH in the short string to 9,600' noting any restrictions, tight spots or obstructions. Verify tubing integrity. A tubing plug may be required to test tubing prior to pumping operations. Monitor casing pressure during test or if necessary, pressure up on casing to determine tubing and casing integrity.
  2. Squeeze long string with 150-sacks of cement, spot cement top at 9,620-ft. Wait on cement 4 hours. Pressure test to 300 psi and tag with slickline.
  3. Squeeze short string with 100-sacks of cement, spot cement top at 9,200-ft. Wait on cement 4 hours. Pressure test to 300 psi and tag with slickline.
  4. TIH with tubing punch and perforate long string at 9,600'. Establish circulation, pump 20 bbls to verify circulation to surface. Mix and pump 400-ft (150 sxs) of cement to leave balanced cement plug in the tubing and in the 2-3/8" x 7" casing annulus. Shut well in, Wait on cement four hours. Tag cement with slick line. Pressure test casing to 300 psi.
  5. Perforate the long string and short string at 6,500'. Circulate well down either tubing string and taking returns in the 2-7/8" x 9-5/8" casing annulus and the other string of tubing. Mix and pump 200-ft (75 sxs)

of cement to set a balanced plug in both tubing strings and the 2-3/8" x 7" annulus. Shut well in, WOC. Tag cement. Pressure test plug to 300 psi.

6. Cut and pull both tubing strings from 3,500'.
7. Pull out of hole and pick up CIBP with perforation guns below. Run in to 3,400-ft. Set CIBP and perforate 9-5/8" casing below CIBP. Squeeze 100-sacks of cement up 9-5/8" x 13-3/8" annulus. Unsting from plug and set a 300-ft cement plug above plug, 3,100-ft – 3,400-ft (100-sacks). Test plug to 300-psi.
8. Cut and pull 9-5/8-in casing from 190-ft.
9. Set 9-5/8-in-in CIBP at 180-ft. Set surface plug from 20-ft BML to 190-ft, 225-sacks total.
10. Verify 13-3/8-in is cemented to surface, if not top out.
11. Complete removing remaining casing 15-ft BML.
12. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
13. Perform Site Clearance and Verification Survey. Site must pass survey (with the use of divers or trawling). (See Section 2, Item 28).
14. Restore any damage caused by P&A operations on the site and access route to well location and restore any bottom damage caused by removal operations.

Satellite Facility Name  
Wylier Heirs #012

Operator of Record  
Baby Oil, Inc. (B249)

Platform and Satellite Description

*The Contractor is responsible for taking note at the site visit the condition of the platform and its contents.*

Procedure for Production Platform Removal and Site Restoration

1. Remove subject facility, production equipment, trash and debris, and all other material contained on the wooden platforms.
2. Remove all structure a minimum 10' below mud line (LSA-R.S. 43:XI.311(E)(2)(C)).
3. Unburied flowlines/pipelines entering or leaving the platform that are located within the site clearance radius are to be purged and totally removed within the radius area with the ends cut, capped and buried. Buried flowlines entering or leaving the platform are to be purged with the ends cut, capped and buried.
4. **Perform a Site Clearance & Verification Survey.** The Site Clearance and Verification Survey will be conducted within a radius of **400'** from the geometric center of the facility or up to existing bank. This search is to identify and physically describe debris located within the 400' radius that must be removed during site clearance to allow for passing a Verification Survey. Site must pass a 400' radius survey. **(See Section 2, Item 27). Note: Contractor must provide absorbent and/or containment booms to contain any sheen material that might be generated by the removal operations.** Restore any bottom damage caused by removal operations.





**Section 8**

**BREAKDOWN OF LUMP SUM TOTAL**

<u>ITEM DESCRIPTION</u>	<u>COST</u>
1. P&A well Serial Number 140143	\$ _____
2. P&A well Serial Number 148013	\$ _____
3. P&A well Serial Number 214072	\$ _____
4. P&A well Serial Number 214149	\$ _____
5. P&A well Serial Number 216270	\$ _____
6. P&A well Serial Number 144271 (SWD)	\$ _____
7. P&A well Serial Number 214169	\$ _____
8. P&A well Serial Number 212741	\$ _____
9. P&A well Serial Number 213261	\$ _____
10. Remove Production Facility, Tanks and Equipment, ETC.	\$ _____
11. P&A well Serial Number 215881	\$ _____
12. P&A well Serial Number 215891	\$ _____
13. P&A well Serial Number 220286	\$ _____
Remove Production Facility	\$ _____
14. P&A well Serial Number 221808 & 222118	\$ _____
Remove Production Facility	\$ _____
PERMIT FEE (Coastal Use Permit)	\$ <u>900.00</u>
PERMIT FEE (Work Permit District Office) (2x\$75)	\$ <u>975.00</u>
SWD PERMIT FEE (Work Permit Injection & Mining) (1x125)	\$ <u>125.00</u>
SITE CLEARANCE FEE	\$ _____
Financial Assurance charge	\$ _____
Other	

(must separately list and identify any additional costs) \$ \_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

**Deduct salvage value**

(Itemized listing must be attached) \$\_( \_\_\_\_\_ )\_

**TOTAL \*** \$ \_\_\_\_\_

**Bidder must enter a bid amount on all items. Failure to do so, may eliminate your bid from consideration. Partial bids for incomplete Scope of Work are not acceptable.**

**Costs NOT to be included in the TOTAL above (to be used when establishing change order costs):**

1. Rig & crew cost per hour - \$ \_\_\_\_\_.
2. Hauling costs per barrel- \$ \_\_\_\_\_.
3. Disposal Costs per barrel - \$ \_\_\_\_\_.
4. Coil Tubing costs per day- \$ \_\_\_\_\_.

**\* Must equal the sum of the above items and must equal the lump sum total indicated on Page 3 of the bid document.**

**Bidder must supply the information required on Section 5. Failure to do so, may eliminate your bid from consideration.**

**\*\* Rig & crew cost per hour \$ \_\_\_\_\_.** (to be used when establishing change order costs )



# Attachments

**ATTACHMENT "A"**

**FINANCIAL ASSURANCE REQUIREMENTS**

The **Contractor shall furnish Financial Assurances for one hundred percent (100%)** of the amount of the contract for the faithful performance of his contract **AND one hundred percent (100%)** of the amount of the contract to assure payment for the labor & materials, by one of the following or a combination thereof:

**PERFORMANCE BOND AND/OR LABOR AND MATERIALS BOND:**

The performance bond and/or labor and materials bond shall be secured by a Surety or Insurance Company currently on the United States Department of the Treasury Financial Management Service List of approved bonding companies and in accordance with the restrictions set by them or by an insurance company that is either domiciled in Louisiana or owned by Louisiana residents and is licensed to write surety bonds. In addition, any surety bond written for a public works project shall be written by a surety or insurance company that is currently licensed to do business in the State of Louisiana. R.S. 38:2216 (2) requires that a bond shall be countersigned by a Louisiana licensed agent authorized to represent the Surety Company writing the bond and who is residing in this State.

**LETTER OF CREDIT:**

Letter of credit in sole favor of the Department of Natural Resources in a form prescribed by the Secretary or Assistant Secretary issued by a financial institution acceptable to the Secretary or Assistant Secretary (R.S. 30:92).

**ATTACHMENT "B"**  
**INSURANCE REQUIREMENTS**  
**CERTIFICATE OF INSURANCE**  
**ACT 404 : P&A CONTRACTS**  
**WATER OPERATIONS**

**1. GENERAL LIABILITY:**

- A. Minimum limits of \$1,000,000 per occurrence.
- B. BI/PD/Contractual/Products-Completed Operations/OCP.
- C. Additional Insured - The State of Louisiana, all State Departments, Agencies, Board and Commissions, its officers, directors, agents, and employees are to be included as additional insured with respect to any work done by the Insured under contract.
- D. Waiver of Subrogation in favor of: The State of Louisiana, all State Departments, Agencies, Board and Commissions, its officers, directors, agents and employees with respect to any work done by the Insured under contract.
- E. Pollution Liability including Clean up.
- F. Underground Resources.
- G. Blowout & Cratering.
- H. Broad Form Property Damage.
- I. XCU - Explosion/Collapse/Underground.
- J. No restriction in coverage for use of explosives.

**2. WORKERS' COMPENSATION:**

- A. Statutory coverage and Employers Liability.
- B. Waiver of Subrogation in favor of: The State of Louisiana, all State Departments, Agencies, Board and Commissions, its officers, directors, agents and employees with respect to any work done by the Insured under contract.
- C. Minimum Employers Liability of \$1,000,000/\$1,000,000/\$1,000,000.
- D. No restriction in coverage for use of explosives.

**3. AUTOMOBILE LIABILITY:**

- A. Minimum limits of \$1,000,000 per occurrence.
- B. Owned/Non Owned/Hired Automobiles.
- C. Additional Insured - The State of Louisiana, all State Departments, Agencies, Board and Commissions, its officers, directors, agents and employees are to be included as additional insured with respect to any work done by the Insured under contract.
- D. Waiver of Subrogation in favor of: The State of Louisiana, all State Departments, Agencies, Board and Commissions, its officers, directors, agents and employees with respect to any work done by the Insured under contract.

**4. IF NOT COVERED BY GENERAL LIABILITY**

- A. Pollution Liability including Clean up.
- B. Underground Resources.
- C. Blowout & Cratering.
- D. Broad Form Property Damage.
- E. XCU - Explosion/Collapse/Underground.

**ATTACHMENT “C”**  
**FIFTH AMENDMENT TO**  
**STATEWIDE ORDERS NO. 29-B**  
**AND 29-B-a (Emergency Rule)**

**TITLE 43**  
**NATURAL RESOURCES**  
**Part XIX. Office of Conservation – General Operations**  
**Subpart 1. Statewide Order No. 29-B**

**Chapter 2. Additional Requirements for Water Locations**

**§211. Oil and Gas Well-Workover Operations**

A. Definitions. When used in this section, the following terms shall have the meanings given below:

*Expected surface pressure* - the highest pressure predicted to be exerted upon the surface of a well. In calculating expected surface pressure, reservoir pressure as well as applied surface pressure must be considered.

*Routine operations* - any of the following operations conducted on a well with the tree installed including cutting paraffin, removing and setting pump-through-type tubing plugs, gas-lift valves, and subsurface safety valves which can be removed by wireline operations, bailing sand, pressure surveys, swabbing, scale or corrosion treatment, caliper and gauge surveys, corrosion inhibitor treatment, removing or replacing subsurface pumps, through-tubing logging, wireline fishing, and setting and retrieving other subsurface flow-control devices.

*Workover operations* - the work conducted on wells after the initial completion for the purpose of maintaining or restoring the productivity of a well.

- B. When well-workover operations are conducted on a well with the tree removed, an emergency shutdown system (ESD) manually controlled station shall be installed near the driller’s console or well-servicing unit operator’s work station, except when there is no other hydrocarbon-producing well or other hydrocarbon flow on the platform.
- C. Prior to engaging in well-workover operations, crew members shall be instructed in the safety requirements of the operations to be performed, possible hazards to be encountered, and general safety considerations to protect personnel, equipment, and the environment. Date and time of safety meetings shall be recorded and available for review.
- D. Well-control fluids, equipment, and operations. The following requirements apply during all well-workover operations with the tree removed:
1. The minimum BOP-system components when the expected surface pressure is less than or equal to 5,000 psi shall include one annular-type well control component, one set of pipe rams, and one set of blind-shear rams. The shear ram component of this requirement shall be effective for any workover operations initiated on or after January 1, 2011 and not before.

2. The minimum BOP-system components when the expected surface pressure is greater than 5,000 psi shall include one annular-type well control component, two sets of pipe rams, and one set of blind shear rams. The shear ram component of this requirement shall be effective for any workover operations initiated on or after January 1, 2011 and not before.
  3. BOP auxiliary equipment in accordance with the requirements of LAC 43:XIX.207.E.
  4. When coming out of the hole with drill pipe or a workover string, the annulus shall be filled with well-control fluid before the change in such fluid level decreases the hydrostatic pressure 75 pounds per square inch (psi) or every five stands of drill pipe or workover string, whichever gives a lower decrease in hydrostatic pressure. The number of stands of drill pipe or workover string and drill collars that may be pulled prior to filling the hole and the equivalent well-control fluid volume shall be calculated and posted near the operator's station. A mechanical, volumetric, or electronic device for measuring the amount of well-control fluid required to fill the hold shall be utilized.
  5. The following well-control-fluid equipment shall be installed, maintained, and utilized:
    - a. A fill-up line above the uppermost BOP;
    - b. A well-control, fluid-volume measuring device for determining fluid volumes when filling the hole on trips; and
    - c. A recording mud-pit-level indicator to determine mud-pit-volume gains and losses. This indicator shall include both a visual and an audible warning device.
- E. The minimum BOP-system components for well-workover operations with the tree in place and performed through the wellhead inside of conventional tubing using small-diameter jointed pipe (usually  $\frac{3}{4}$  inch to  $1\frac{1}{4}$  inch) as a work string, i.e., small-tubing operations, shall include two sets of pipe rams, and one set of blind rams.
1. An essentially full-opening work-string safety valve in the open position on the rig floor shall be available at all times while well-workover operations are being conducted. This valve shall be maintained on the rig floor to fit all connections that are in the work string. A wrench to fit the work-string safety valve shall be stored in a location readily accessible to the workover crew.
- F. For coiled tubing operations with the production tree in place, you must meet the following minimum requirements for the BOP system:
1. BOP system components must be in the following order from the top down when expected surface pressures are less than or equal to 3,500 psi:
    - a. Stripper or annular-type well control component.
    - b. Hydraulically-operated blind rams.
    - c. Hydraulically-operated shear rams.
    - d. Kill line inlet
    - e. Hydraulically operated two-way slip rams.
    - f. Hydraulically operated pipe rams
  2. BOP system components must be in the following order from the top down when expected surface pressures are greater than 3,500 psi:
    - a. Stripper or annular-type well control component.
    - b. Hydraulically-operated blind rams.
    - c. Hydraulically-operated shear rams.

- d. Kill line inlet
  - e. Hydraulically-operated two-way slip rams.
  - f. Hydraulically-operated pipe rams.
  - g. Hydraulically-operated blind-shear rams. These rams should be located as close to the tree as practical.
3. BOP system components must be in the following order from the top down for wells with returns taken through an outlet on the BOP stack:
  - a. Stripper or annular-type well control component.
  - b. Hydraulically-operated blind rams.
  - c. Hydraulically-operated shear rams.
  - d. Kill line inlet
  - e. Hydraulically-operated two-way slip rams.
  - f. Hydraulically-operated pipe rams.
  - g. A flow tee or cross.
  - h. Hydraulically-operated pipe rams.
  - i. Hydraulically-operated blind-shear rams on wells with surface pressures less than or equal to 3,500 psi. As an option, the pipe rams can be placed below the blind-shear rams. The blind-shear rams should be placed as close to the tree as practical.
4. A set of hydraulically-operated combination rams may be used for the blind rams and shear rams.
5. A set of hydraulically-operated combination rams may be used for the hydraulic two-way slip rams and the hydraulically-operated pipe rams.
6. A dual check valve assembly must be attached to the coiled tubing connector at the downhole end of the coiled tubing string for all coiled tubing well-workover operations. To conduct operations without a downhole check valve, it must be approved by the District Manager.
7. A kill line and a separate choke line are required. Each line must be equipped with two full-opening valves and at least one of the valves must be remotely controlled. A manual valve must be used instead of the remotely controlled valve on the kill line if a check valve is installed between the two full-opening manual valves and the pump or manifold. The valves must have a working pressure rating equal to or greater than the working pressure rating of the connection to which they are attached, and must be installed between the well control stack and the choke or kill line. For operations with expected surface pressures greater than 3,500 psi, the kill line must be connected to a pump or manifold. The kill line inlet on the BOP stack must not be used for taking fluid returns from the wellbore.
8. The hydraulic-actuating system must provide sufficient accumulator capacity to close-open-close each component in the BOP stack. This cycle must be completed with at least 200 psi above the pre-charge pressure without assistance from a charging system.
9. All connections used in the surface BOP system from the tree to the uppermost required ram must be flanged, including the connections between the well control stack and the first full-opening valve on the choke line and the kill line.
10. The coiled tubing connector must be tested to a low pressure of 200 to 300 psi, followed by a high pressure test to the rated working pressure of the connector or the expected surface pressure, whichever is less. The dual check valves must be successfully pressure tested to the rated working

pressure of the connector, the rated working pressure of the dual check valve, expected surface pressure, or the collapse pressure of the coiled tubing, whichever is less.

- G. The minimum BOP-system components for well-workover operations with the tree in place and performed by moving tubing or drill pipe in or out of a well under pressure utilizing equipment specifically designed for that purpose, i.e., snubbing operations, shall include the following:
  - 1. One set of pipe rams hydraulically operated, and
  - 2. Two sets of stripper-type pipe rams hydraulically operated with spacer spool.
- H. Test pressures must be recorded during BOP and coiled tubing tests on a pressure chart, or with a digital recorder, unless otherwise approved by the District Manager. The test interval for each BOP system component must be 5 minutes, except for coiled tubing operations, which must include a 10 minute high-pressure test for the coiled tubing string.
- I. Wireline operations. The operator shall comply with the following requirements during routine, as defined in Subsection A of this section, and non-routine wireline workover operations:
  - 1. Wireline operations shall be conducted so as to minimize leakage of well fluids. Any leakage that does occur shall be contained to prevent pollution.
  - 2. All wireline perforating operations and all other wireline operations where communication exists between the completed hydrocarbon-bearing zone(s) and the wellbore shall use a lubricator assembly containing at least one wireline valve.
  - 3. When the lubricator is initially installed on the well, it shall be successfully pressure tested to the expected shut-in surface pressure.
- J. Following completion of the well-workover activity, all such records shall be retained by the Operator for a period of 2 years.
- K. An essentially full-opening work-string safety valve in the open position on the rig floor shall be available at all times while well-workover operations are being conducted. This valve shall be maintained on the rig floor to fit all connections that are in the work string. A wrench to fit the work-string safety valve shall be stored in a location readily accessible to the workover crew.
- L. The commissioner may grant an exception to any provisions of this section that require specific equipment upon proof of good cause. For consideration of an exception, the operator must show proof of the unavailability of properly sized equipment and demonstrate that anticipated surface pressures minimize the potential for a loss of well control during the proposed operations. All exception requests must be made in writing to the commissioner and include documentation of any available evidence supporting the request.

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:4 et seq.

**Signature: I, \_\_\_\_\_, hereby acknowledge that Attachment 'C' was included in the Bid Proposal # \_\_\_\_\_ package and that I have read same.**