

DEPARTMENT OF ENERGY AND NATURAL RESOURCES 09/06/2023

BID PROPOSAL

431-PA25-007

ABANDONMENT OF OILFIELD SITES

Vidal Island

Concordia Parish

Bid Opening Date: 10/10/2024

NOTICE TO BIDDERS

Sealed bids will be opened and publicly read by the Department of Energy and Natural Resources, 617 North 3rd Street, 12th Floor, Room 1263, Baton Rouge, Louisiana at **11:00 A.M** on **October 10, 2024** for the following:

Bid Proposal Number: 431-PA25-007

Vidal Island Field of Concordia Parish is subject to jurisdiction of the Monroe District Office.

NOTE: A one-time **MANDATORY SITE VISIT** will be held on Thursday, September 26, 2024 at 10:00 A.M. Preregistration is required. To pre-register, contact Jim York **at (318) 362-3119** by 12:00 P.M., Monday September 23, 2024. 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.

PROPOSAL NUMBER: 431-PA25-007 BID OPENING DATE: October 10, 2024

Department of Energy and Natural Resources Fiscal Section 617 N. 3rd St., 12th Floor, Room 1263 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 bo in case of a discrepancy between the two the written amount shall govern.	th words and figures, and
LOUISIANA CONTRACTOR'S LICENSE NO	
NAME (PRINT OR TYPE)	
TITLE (PRITN 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, Department of Energy and Natural Resources, P.O. Box 94396 (or 617 N. 3rd Street, 12th Floor, Room 1263), 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 a 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 <u>Title</u> 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 Energy and 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 Energy and 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 Energy and Natural Resources, a Notice of Acceptance of Work will be executed by the Department of Energy and 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 Energy and 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.
- **CONFLICT OF INTERST:** No employee, officer, or agent of the Contractor shall participate in selection, or in the award or administration of a contract if a conflict of interest, real or apparent, would be involved. Such a conflict would arise when:
 - a. The employee, officer, board member or agent;
 - b. Any member of his immediate family;
 - c. His or her partner, or
 - d. A corporation which employs, or is about to employ one of the above, has a financial or other interest in the firm selected for award.

The Contractor's officers, employees or agents shall neither solicit nor accept gratuities, favors or anything of monetary value from contractors, potential contractors, or parties of sub agreements.

The Contractor's code or standards of conduct must include procedures for identifying and preventing real and apparent organizational conflicts of interest. An organizational conflict of interest exists when the nature of the work to be performed under a proposed third party contract or sub agreement may, without some restrictions on future activities, result in an unfair competitive advantage to the third party contractor or sub recipient or impair its objectivity in performing the contract work. The Contractor shall disclose to the Department of Energy and Natural Resources any known or reasonably knowable conflicts of interest.

NON-DISCRIMINATION: The Department of Energy and 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 Energy and Natural Resources Fiscal Section, Attn: Ryan Edwards P.O Box 44277 Baton Rouge, LA 70804

or email: ryan.edwards2@la.gov

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Section 1

INTRODUCTION

The Louisiana Department of Energy and Natural Resources (LDENR) needs 10 wells abandoned in, Concordia. This project is subject to jurisdiction of the Monroe 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 Energy and 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, LDENR 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. **LDENR does not have a contractual relationship with any subcontractors.** LDENR 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 <u>Section</u> <u>3</u> 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. <u>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.</u>
 - 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 LDENR. 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 <u>Section 7</u>, 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 10,000 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. <u>Land locations</u>: 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 <u>all</u> 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 Energy and Natural Resources (LDENR) 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. LDENR 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 LDENR 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 LDENR 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 LDENR from all liabilities and cost of defense obligations resulting from acts of negligence by the Contractor.
- 38. The role of the Third Party Consultant/ LDENR personnel during the site restoration work is to ensure that work is being performed in accordance with the approved scope of work. Third Party Consultants/ LDENR 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) or (james.landry@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.

CHANGE ORDER PROCEDURES

A Change Order consists of additions, deletions, or other revisions to the scope of work and may berequested or initiated by the contractor or LDENR. All requests for a Change Order shall be submitted in writing by the Contractor outlining specific factual conditions necessitating issuance of a Change Order. 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 eventof an emergency verbal authority being granted by the Commissioner.

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. Except in the case of an emergency, three (3) detailed quotes must be attached to the Change Order for each new subcontractor to be employed (i.e. any subcontractor that was not included or identified in the original bid) and the contractor must provide detailed justification for selecting a subcontractor which does not have the lowest quote for a required service.

Except in the event of an emergency, the scope of work and if applicable the price, be it lump sum or timeand 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 completedand signed by the Commissioner. In the event the price cannot be agreed upon, the Commissioner shall set a fairprice 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. THIRD-PARTY CONSULTANT: An on-site supervisor to work in coordination with contractors and District office personnel. The third-party consultant shall not be an employee, relative or owner of the bidding contractor and must have a minimum of 10 years of experience in plugging and abandonment and hold a current, well control certificates from an accredited provider. Responsibility include and not limited to:
 - Daily Work Report (format to be provided by LDENR)
 - Daily Cost Tracking (if under change order)
 - Provides recommendation to Main Contractor on well work
 - Interfaces with district office and OSR team on site operations, well work, and reporting
- 6. 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 LDENR did not meet LAC 43:XIX.311 and 313 closure requirements.
- 7. ORPHAN WELL: A well which has been orphaned pursuant to the provisions of R.S. 30:80 et seq.
- 8. 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.
- 9. 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)
- 10. SITE: The confines established for a specific well or group of wells and associated pits, tank batteries, and facilities.
- 11. 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.
- 12. 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.
- 13. 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.

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- 14. PLUG AND ABANDON: The date the well is cut and capped, or casing is cut at specified depth below mud line.
- 15. 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. If the procedures in the bid are to be utilized, this must be stated. **If procedures are altered or changed**, then these procedures must be submitted.
- 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.

PLUGGING 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 tubing sizes; work string, and "small diameter" pipe. Rig must be able to pull doubles (66').
 - a. Tubing pull is required as per procedure.
- B. Hydraulically actuated blowout preventers rated to a minimum 5,000 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 5,000 psi working pressure (internal and external rating).
- D. Circulating pump capable of pressuring up and circulating to 5,000 psi at 3 barrels per minute minimum. All connections in the line from the pump to wellhead shall also be rated to 5,000 psi.
- E. Circulating tank should be no less than 500 bbls.
- 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), paint/material to find hole in tubing.
- H. Wireline and/or slick line.
- I. PLUGGING EQUIPMENT Specific SN 109185
 - a. A workover rig with swivel
 - b. Drill pipe and collars as required by wellbore sizing
 - c. A bit, a closed mud system, and 9.5/gal mud

PERSONNEL REQUIREMENTS

A. Third Party Consultant (see definitions)

BREAKDOWN OF LUMP SUM TOTAL

1 1		me Well Serial Number		lumber	Operator of Record		
	ART SUG;LEARNED-PEABODY No. 1 General Description			121029		DORAN AND BRADDOCK (OC# 1633)	
					(OSR Project Name:	Vidal Island Area
	Location:	Lat.	31°° 3	7' 35.7"		Lon.	31° 37' 35.7° 91' 25"
	S-T-R:	Sec acc-T0	98N-R10E		RIFLE PO	DINT, SOUTH - Concordia Pari	ish
	Cas	sing	11"	20 lb/1	ft	0'-483' W/150	SXS
	Configu	uration:	5 1/2"	14 lb/1	ft	0'-5464' W/250	O SXS
	Latest b	orehole infor	mation:	Well file h	as Work I	Permit to PA, but no follow u	ıp paperwork.
		Drilled TD:	5510'			Tubing:	2.5" @ 5120'
		PBTD:	5436'			Packer:	unknown'
		USDW:	1130'			Perforations:	5389' - 5406'
			Plu	gging and Aba	ndonmen	t Procedure	<u> </u>
				m gensity of 15.	6 ppg is red	guired on all slurries. Accelerat	or additives as
	requested. • Contractor the removal	must provide	waiting on ce	ment. Dry and b	lended cen	quired on all slurries. Accelerat nent samples shall be provided o contain any sheen that might	to CES agent if
	Contractor	must provide operations.	waiting on ce	ment. Dry and b	lended cen	nent samples shall be provided	to CES agent if be generated by
	• Contractor the removal	must provide operations. Move in, rig	waiting on ce absorbent an up, and kill v	ment. Dry and b	lended cennt booms to	nent samples shall be provided o contain any sheen that might and pressure test blowout pre	to CES agent if be generated by
	• Contractor the removal	must provide operations. Move in, rig Drill out top	waiting on ce absorbent an up, and kill v 5' cement p	ment. Dry and book of containment well if necessar	nt booms to y. Install a	nent samples shall be provided o contain any sheen that might and pressure test blowout pre	to CES agent if be generated by
	• Contractor the removal	must provide operations. Move in, rig Drill out top RIH, tag tota	waiting on ce absorbent an up, and kill v 5' cement p I depth, and	d/or containment well if necessar lug. Report if 5-	nt booms to y. Install a -1/2" casin ict office.	nent samples shall be provided o contain any sheen that might and pressure test blowout pre	to CES agent if be generated by
	• Contractor the removal 1 2 3	must provide operations. Move in, rig Drill out top RIH, tag tota Circulate we	waiting on ce absorbent an up, and kill v 5' cement p Il depth, and Il with a min	ment. Dry and be don't containment well if necessary lug. Report if 5-1 report to distribution 9.0 ppg for to 100' above see to 100' above	y. Install a -1/2" casir ict office. fluid and lessurface ca	nent samples shall be provided o contain any sheen that might and pressure test blowout pre	to CES agent if be generated by eventers.
	• Contractor the removal 1 2 3	must provide operations. Move in, rig Drill out top RIH, tag tota Circulate we Set cement a change ord	waiting on ce absorbent an up, and kill v 5' cement p I depth, and II with a min olug from TD der plug may	well if necessarilug. Report if 5-l report to distribitmum 9.0 ppg for to 100' above so be added to the	y. Install a -1/2" casir ict office. fluid and le surface ca	nent samples shall be provided o contain any sheen that might and pressure test blowout pre ng is present eave between all plugs. sing shoe. If total depth is for	to CES agent if be generated by eventers.
	• Contractor the removal 1 2 3 4	must provide operations. Move in, rig Drill out top RIH, tag tota Circulate we Set cement a change ord Spot a top b Circulate wir	waiting on ceabsorbent and up, and kill was 5' cement part of the minus of the plug from TD der plug may alanced 150 th small tubics.	well if necessarilug. Report if 5- report to distribution 9.0 ppg for to 100' above so be added to the surface cemer	y. Install a -1/2" casir ict office. fluid and le surface ca ne procede nt plug ins	nent samples shall be provided o contain any sheen that might and pressure test blowout pre ng is present eave between all plugs. sing shoe. If total depth is for	to CES agent if be generated by eventers.

9	Remove and dispose of all equipment, material and debris associated with the past operation of this well.
10	Restore well site along with access routes.

2	Well Name		Well Seria	Well Serial Number		Operator of Record		
	FAYE THOMAS No. 1		140	140140 GULF ST		AR PETROLEUM, INC. (OC# 2226)		
	General Description				OSR Proje	ct Name:	Vidal Island Area	
	Location:	Lat.	31° 3	33' 3.6"		Lon.	31 33' 3.6° 91' 45"	
	S-T-R:	Sec 8-T0	7N-R07E		ROSS BA	AYOU - Con	cordia Parish	
	Cas	ing	11"	28 1	b/ft		0'-508' W/225 SXS	
	Configu	ıration:	5 1/2"	15.5	lb/ft	(0'-5491' W/250 SXS	
	Latest be	orehole infor	mation:	,	Well TA 7/19	977 w/CIBP	@5400 +10' cmt.	
		Drilled TD:	5810'	I		Tubing:	None" @ N/A'	
		PBTD:	5450'			Packer:	None'	
	USDW: 520'				Per	forations:	5435' - 5438'	
		Plugging and Abandonment Procedure						
	Cement plug	s shall be blen	ass A, having ded API ceme	a minimum de ent. Class 'A' c	nsity of 15.6 ement to be	pounds per s	gallon, and contain an • All n 0-ft-6,000-ft and Class 'H' equired on all slurries.	
	Cement plug cement from Accelerator a be provided a • Contractor	s shall be blen 6,000-ft- Tota additives as red to CES agent if	ass A, having ded API ceme Il Depth of W quired to min requested. absorbent an	a minimum de ent. Class 'A' c ell. A minimur iimize time wa	nsity of 15.6 ement to be on density of 1 iting on ceme	pounds per putilized from 15.6 ppg is reent. Dry and	0-ft-6,000-ft and Class 'H'	
	Cement plug cement from Accelerator a be provided a • Contractor	s shall be blen 6,000-ft- Tota dditives as rec to CES agent if must provide the removal of Pumpjack si	ass A, having ded API cement of Williams o	a minimum de ent. Class 'A' c ell. A minimur nimize time wa nd/or containm ion. No wellh	nsity of 15.6 ement to be on density of 1 iting on cement booms to nead above	pounds per putilized from 15.6 ppg is reent. Dry and contain an ground. Be	n 0-ft-6,000-ft and Class 'H' equired on all slurries. blended cement samples shall y sheen that might be	
	Cement plug cement from Accelerator a be provided • Contractor generated by	s shall be blen 6,000-ft- Tota additives as rec to CES agent if must provide the removal of Pumpjack sl indicates we Move in bac	ass A, having ded API ceme of Depth of Wight of	a minimum deent. Class 'A' cell. A minimum imize time wand/or containmion. No wellhorally plugged	ement to be on density of 1 iting on cement booms to be dead above disting the control of the co	pounds per putilized from 15.6 ppg is reent. Dry and contain and ground. Be	n 0-ft-6,000-ft and Class 'H' equired on all slurries. blended cement samples shall y sheen that might be elieved to be P&A. Form PA	
	Cement plug cement from Accelerator a be provided • • Contractor generated by	s shall be blen 6,000-ft- Tota additives as rec to CES agent if must provide the removal of Pumpjack si indicates we Move in bac tap well to c	ass A, having ded API ceme of Depth of William of Tequested. absorbent an operations. The state of the stat	a minimum de ent. Class 'A' cell. A minimum imize time wand/or containmion. No wellhorally plugged to find casinment and present and present.	nsity of 15.6 ement to be on density of 1 iting on ceme nent booms to nead above d with CIBP (g below groups ssure.	pounds per putilized from 15.6 ppg is reent. Dry and contain and ground. Be	o 0-ft-6,000-ft and Class 'H' equired on all slurries. blended cement samples shall y sheen that might be elieved to be P&A. Form PA - 10' of cement	
	Cement plug cement from Accelerator a be provided • Contractor generated by	s shall be blen 6,000-ft- Tota dditives as rec to CES agent if must provide the removal of Pumpjack si indicates we Move in bac tap well to c If there is ce Status 90.	ass A, having ded API ceme of Depth of Wight of Wight of Wight of Wight of Wight of Tenders and the Wight of Tenders and Tenders	a minimum deent. Class 'A' cell. A minimum imize time wand/or containm ion. No well horally plugged to find casin ment and pressure, Classin pressure, Class	ement to be on density of 15.6 m density of 15.6 m density of 15 iting on cement booms to be added above district the control of the control	pounds per autilized from 15.6 ppg is reent. Dry and contain and ground. Be 25,400 ft + 2 und. Excava	o 0-ft-6,000-ft and Class 'H' equired on all slurries. blended cement samples shall y sheen that might be elieved to be P&A. Form PA - 10' of cement te around well enough to hot DOSIR. Well will be declared	

3		Well Name			Well Serial Number		Operator of Record	
	FAR SU1	5;SONTAG-FAR	RAR No. 1	162	162848 B		MPING SERVICE INC. (OC# 783)	
	Ge	eneral Description		OSR Projec		ct Name:	Vidal Island Area	
	Location:	Lat.	31° 31	' 43.9"		Lon.	91° 45' 51.4"	
	S-T-R:	Sec 4-T0	6N-R07E		ROSS BA	AYOU - Conc	ordia Parish	
	Ca	sing	12 1/4"	23	b/ft		0'-530' W/350 SXS	
	Config	uration:	5 1/2"	15.5	lb/ft		0'-5740' W/250 SXS	
	Latest	borehole infor	mation:				987 WP in file to set CIBP @ no follow up paperwork.	
		Drilled TD:	5880'			Tubing:	2.875" @ 4500'	
		PBTD:	5550'			Packer:	None'	
		USDW:	520'		Pe	erforations:	4979' - 4984'	
			Plug	ging and Abar	ndonment Pro	cedure		
	removal ope		up, and kill we	II if necessary.	Install and pre			
	2	_	•	•	motan and pre	essure test b	lowout preventers.	
	3	POOH with to	ubing, packer,	or hanger if pr			lowout preventers.	
			string. GIH w	or hanger if pr	esent and lay	down.	casing to 4925'. Circulate well	
	4	Pick up work clean. POOH	string. GIH w		resent and lay	down.	casing to 4925'. Circulate well	
	5	Pick up work clean. POOH Set a CIBP at	s string. GIH w 4925'. Dump l	vith gauge bit	resent and lay and clean out t on top. Press	down. production sure test cas	casing to 4925'. Circulate well	
		Pick up work clean. POOH Set a CIBP at Circulate wel	s string. GIH w 4925'. Dump l Il with a minim	oail 20' cemen	resent and lay and clean out t on top. Press	down. production sure test cas ted fluid and	casing to 4925'. Circulate welling to 300 psi.	
	5	Pick up work clean. POOH Set a CIBP at Circulate wel Set a 200' ba 300 psi & rep Perforate pro	s string. GIH w. 4925'. Dump l Il with a minim llanced cemen	oail 20' cemen um 9.0 ppg co t plug from 4,	resent and lay and clean out t on top. Press rrosion inhibit 300 to 4,200 f	down. production sure test cas ted fluid and t. WOC 4 ho	casing to 4925'. Circulate welling to 300 psi.	
	5	Pick up work clean. POOH Set a CIBP at Circulate well Set a 200' ba 300 psi & rep Perforate pro Establish inje	4925'. Dump lanced cemen port	oail 20' cemen um 9.0 ppg co t plug from 4,	resent and lay and clean out t on top. Press rrosion inhibit 300 to 4,200 f	down. production sure test cas ted fluid and t. WOC 4 ho	casing to 4925'. Circulate welling to 300 psi. leave between all plugs. ours. Tag TOC & preform CIT to	
	5 6 7	Pick up work clean. POOH Set a CIBP at Circulate wel Set a 200' ba 300 psi & rep Perforate pro Establish inje	4925'. Dump lanced cemenort oduction casing ection into period	vith gauge bit a pail 20' cemen aum 9.0 ppg cont plug from 4, g with hollow of forations.	resent and lay and clean out ton top. Press rrosion inhibit 300 to 4,200 f carrier casing g	down. production sure test cas ted fluid and t. WOC 4 ho	casing to 4925'. Circulate welling to 300 psi. leave between all plugs. ours. Tag TOC & preform CIT to	
	5 6 7 8	Pick up work clean. POOH Set a CIBP at Circulate well Set a 200' ba 300 psi & rep Perforate pro Establish inje Set a cement	4925'. Dump lanced cemenort duction casing ection into perfect and pure	vith gauge bit a pail 20' cemen aum 9.0 ppg cont plug from 4, g with hollow of forations.	resent and lay and clean out ton top. Press rrosion inhibit 300 to 4,200 f carrier casing gons.	down. production sure test cas ted fluid and t. WOC 4 ho gun from 620	casing to 4925'. Circulate well ing to 300 psi. leave between all plugs. ours. Tag TOC & preform CIT to 0' to 622' w/4 SPF @ 60° phase. d into perforations.	

	Circulate with small tubing a minimum of 150' surface cement plug between all casing strings, leaving annulus full of cement to the surface.
13	Cut all casing a minimum of five feet (5') below ground level and weld a ½" steel plate on top of each casing string. Weld or stencil well serial number and date on top of plate.
14	Remove and dispose of all equipment, material and debris associated with the past operation of this well.
15	Restore well site along with access routes.

4	Well Name			Well Seria	l Number		Operator of Record	
	BROWN No. 2			184	953	BUD'S PUI	MPING SERVICE INC. (OC# 783)	
	General Description			OSR Proje	ct Name:	Vidal Island Area		
	Location:	Lat.	31° 35	5' 39.7"		Lon.	91° 46′ 51.8″	
	S-T-R:	Sec 8-T0	7N-R07E		WILDS	VILLE - Conc	l ordia Parish	
	Cas	sing	12 1/4"	20	b/ft		0'-414' W/250 SXS	
	Config	uration:	5 1/2"	15.5	lb/ft		0'-5298' W/400 SXS	
	Latest l	borehole info	mation:	1987 WP in		BP @ 5550 a	nd perforate 5068-82', but no erwork.	
		Drilled TD:	5319'			Tubing:	2.875" @ 4760'	
		PBTD:	5000'			Packer:	None'	
		USDW:	850'		Pe	erforations:	4856' - 4858'	
			Plu	gging and Abar	ndonment Pro	ocedure		
	Contractor removal ope	rations.				-	n that might be generated by the	
	1	Move in, rig	up, and kill we	ell if necessary.	Install and pr	essure test b	plowout preventers.	
	2	POOH with t	ubing, packer	, or hanger if p	resent and lay	down.		
	3	Pick up work clean. POOH	_	with gauge bit	and clean out	production	casing to 4805'. Circulate well	
	4	Set a CIBP at	4805'. Dump	bail 20' cemen	t on top. Pres	sure test cas	ing to 300 psi.	
	5	Circulate we	ll with a minir	num 9.0 ppg cc	orrosion inhibi	ited fluid and	l leave between all plugs.	
	6	Set a 200' ba 300 psi & rep		nt plug from 3,	200 to 3,000	ft. WOC 4 ho	ours. Tag TOC & preform CIT to	
	7	· ·	oduction casir ection into pe	-	carrier casing	gun from 950	0' to 952' w/4 SPF @ 60° phase.	
	8	Set a cement	retainer 30'	above perforat	ions.			
	9	Sting into ret	ainer and pur	mp 50 sacks of	cement belov	v retainer an	d into perforations.	
	10	Remove sting	ger from retai	ner and spot a	10 sack ceme	ent plug on to	op of retainer.	

11	Spot a top balanced 150' surface cement plug inside the production casing.
12	Circulate with small tubing a minimum of 150' surface cement plug between all casing strings, leaving annulus full of cement to the surface.
13	Cut all casing a minimum of five feet (5') below ground level and weld a ½" steel plate on top of each casing string. Weld or stencil well serial number and date on top of plate.
14	Remove and dispose of all equipment, material and debris associated with the past operation of this well.
15	Restore well site along with access routes.

Well Name			Well Seri	Well Serial Number		Operator of Record	
VUA;FARRAR No. 1			186	186893 DEBI		LIN OPERATING LTD (OC# D071)	
General Description		tion	OSR Proje		ct Name:	Vidal Island Area	
Location:	Lat.	31° 3	1' 56.3"		Lon.	91° 45' 58.5"	
S-T-R:	Sec 4-T0	6N-R07E		ROSS BA	AYOU - Cond	ordia Parish	
Cas	sing	12 1/4"	23	lb/ft		0'-453' W/275 SXS	
Config	uration:	5 1/2"	15.5	5 lb/ft		0'-5740' W/300 SXS	
Latest b	oorehole info	rmation:	1987 WP in		P @ 5550 a low up pape	nd perforate 5068-82', but r erwork.	
	Drilled TD:	5756'			Tubing:	2.875" @ 5324'	
	PBTD:	5650'			Packer:	None'	
	USDW:	520'		Pe	erforations:	5622' - 5625'	
		Plu	gging and Aba	ndonment Pro	ocedure		
plugs shall b 6,000-ft- Tot required to r requested. • Contractor	e blended API of we minimize time of must provide a	cement. Classell. A minimur waiting on cer	s 'A' cement to l m density of 15. ment. Dry and b	be utilized from .6 ppg is require plended cement	n 0-ft-6,000-ft ed on all sluri samples sha	and Class 'H' cement from ies. Accelerator additives as Il be provided to CES agent if	
plugs shall b 6,000-ft- Tot required to r requested. • Contractor the removal	e blended API of all Depth of We minimize time of must provide a operations.	cement. Classell. A minimur waiting on cer absorbent and	s 'A' cement to I m density of 15. ment. Dry and b d/or containme	be utilized from 6 ppg is require blended cement nt booms to co	n 0-ft-6,000-ft ed on all slurn : samples sha ntain any she	ies. Accelerator additives as II be provided to CES agent if een that might be generated by	
plugs shall b 6,000-ft- Tot required to r requested. • Contractor the removal	e blended API of all Depth of We minimize time of must provide operations. Move in, rig	ement. Classell. A minimur waiting on cer absorbent and up, and kill w	"A' cement to I m density of 15. ment. Dry and b d/or containme	be utilized from 6 ppg is require blended cement nt booms to co ry. Install and p	n 0-ft-6,000-ft ed on all sluri c samples sha ntain any sha pressure test	and Class 'H' cement from ies. Accelerator additives as Il be provided to CES agent if	
plugs shall b 6,000-ft- Tot required to r requested. • Contractor the removal	e blended API of all Depth of We minimize time of must provide operations. Move in, rig POOH with t	ement. Classell. A minimur waiting on cer absorbent and up, and kill w	"A' cement to I m density of 15. ment. Dry and b d/or containme well if necessar	be utilized from 6 ppg is require blended cement nt booms to co y. Install and p	n 0-ft-6,000-ft ed on all sluri samples sha ntain any sha pressure test ay down.	and Class 'H' cement from ries. Accelerator additives as II be provided to CES agent if the that might be generated by blowout preventers.	
plugs shall b 6,000-ft- Tot required to r requested. • Contractor the removal	e blended API of all Depth of We minimize time of must provide operations. Move in, rig POOH with t	ell. A minimur waiting on cer absorbent and up, and kill wubing, packet string. GIH v	"A' cement to I m density of 15. ment. Dry and b d/or containme well if necessar	be utilized from 6 ppg is require blended cement nt booms to co y. Install and p	n 0-ft-6,000-ft ed on all sluri samples sha ntain any sha pressure test ay down.	and Class 'H' cement from ries. Accelerator additives as Il be provided to CES agent if een that might be generated by	
plugs shall b 6,000-ft- Tot required to r requested. • Contractor the removal	e blended API of cal Depth of We minimize time of must provide a operations. Move in, rig POOH with to the pick up work clean. POOH	cement. Classell. A minimur waiting on cer absorbent and up, and kill wubing, packet string. GIH v	"A' cement to I m density of 15. ment. Dry and b d/or containme well if necessar or, or hanger if with gauge bit	be utilized from 6 ppg is require lended cement nt booms to co y. Install and p present and la and clean out	o 0-ft-6,000-ft ed on all slurn samples sha ntain any sha pressure test ay down. production	and Class 'H' cement from ries. Accelerator additives as II be provided to CES agent if the that might be generated by blowout preventers.	
plugs shall b 6,000-ft- Tot required to r requested. • Contractor the removal 1 2	e blended API of all Depth of We minimize time of must provide operations. Move in, rig POOH with to Pick up work clean. POOH Set a CIBP at	ement. Classell. A minimur waiting on cer absorbent and up, and kill would be string. GIH vor 55570'. Dump	"A' cement to I m density of 15. ment. Dry and b d/or containme well if necessar er, or hanger if with gauge bit	be utilized from 6 ppg is require 6 lended cement nt booms to co y. Install and p present and la and clean out	oressure test	and Class 'H' cement from ries. Accelerator additives as II be provided to CES agent if the renthat might be generated by the blowout preventers.	
plugs shall b 6,000-ft- Tot required to r requested. • Contractor the removal 1 2 3	e blended API of all Depth of We minimize time of must provide operations. Move in, rig POOH with the Pick up work clean. POOH Set a CIBP at Circulate we	cement. Classell. A minimur waiting on cer absorbent and up, and kill wubing, packed string. GIH vor 5570'. Dumpell with a minimalanced cemeans.	with gauge bit p bail 20' cement in density of 15. ment. Dry and be done of the density of 15. ment. Dry and be done of the density of the de	be utilized from 6 ppg is require 6 lended cement nt booms to co 7. Install and p present and la and clean out ent on top. Pre corrosion inhil	oressure test or	and Class 'H' cement from ries. Accelerator additives as II be provided to CES agent if the provided to	
plugs shall b 6,000-ft- Tot required to r requested. • Contractor the removal 1 2 3 4 5	e blended API of all Depth of We minimize time of must provide a operations. Move in, rig POOH with the Pick up work clean. POOH Set a CIBP at Circulate we set a 200' bat to 300 psi & Perforate principal of the provided in the provided i	cement. Classell. A minimur waiting on cereabsorbent and up, and kill wubing, packed string. GIH voluments of the company of t	with gauge bit p bail 20' cement plug from	be utilized from 6 ppg is require 6 lended cement nt booms to co Ty. Install and p present and la and clean out ent on top. Pre corrosion inhil 4,200 to 4,000	oressure test or production production essure test or bited fluid and of ft. WOC 4	and Class 'H' cement from ries. Accelerator additives as II be provided to CES agent if the en that might be generated by the blowout preventers. casing to 5570'. Circulate we asing to 300 psi. and leave between all plugs.	
plugs shall b 6,000-ft- Tot required to r requested. • Contractor the removal 1 2 3 4 5	e blended API of all Depth of We minimize time of must provide a operations. Move in, rig POOH with t Pick up work clean. POOH Set a CIBP at Circulate we Set a 200' bat to 300 psi & Perforate priphase. Estab	cement. Classell. A minimur waiting on cer absorbent and up, and kill wubing, packed string. GIH voluments alanced cemereport oduction casolish injection	well if necessar or, or hanger if with gauge bit p bail 20' ceme imum 9.0 ppg ent plug from	be utilized from 16 ppg is required blended cement on the present and later and clean out the present on top.	oressure test or production production essure test or bited fluid and of ft. WOC 4	and Class 'H' cement from ries. Accelerator additives as II be provided to CES agent if the provided to	
plugs shall b 6,000-ft- Tot required to r requested. • Contractor the removal 1 2 3 4 5 6	e blended API of all Depth of We minimize time of must provide a operations. Move in, rig POOH with t Pick up work clean. POOH Set a CIBP at Circulate we Set a 200' bat to 300 psi & Perforate prophase. Estab Set a cement	cement. Classell. A minimur waiting on cer absorbent and up, and kill wubing, packed string. GIH variation. If with a minimular and cemer report oduction casolish injection to retainer 30°	well if necessar or, or hanger if with gauge bit p bail 20' ceme imum 9.0 ppg ent plug from sing with hollo into perforati ' above perfora	be utilized from 16 ppg is required blended cement on the present and later and clean out the corrosion inhibits 4,200 to 4,000 pw carrier casions.	oressure test or bited fluid and of the WOC 4	and Class 'H' cement from ries. Accelerator additives as II be provided to CES agent if the provided to	

11	Spot a top balanced 150' surface cement plug inside the production casing.
12	Circulate with small tubing a minimum of 150' surface cement plug between all casing strings, leaving annulus full of cement to the surface.
13	Cut all casing a minimum of five feet (5') below ground level and weld a ½" steel plate on top of each casing string. Weld or stencil well serial number and date on top of plate.
14	Remove and dispose of all equipment, material and debris associated with the past operation of this well.
15	Restore well site along with access routes.

Well Name			Well Ser	ial Number		Operator of Record	
TURNER No. 1			TURNER No. 1 201904		P & F	P & F OPERATING CO. (OC# 4617)	
General Description		ption OSR Project Nar		ct Name:	ame: Vidal Island Area		
Location:	Lat.	31° 3	7' 56.4"		Lon.	91° 28' 29.3"	
S-T-R:	Sec 23-T0	08N-R10E		RIFLE POIN	T,WEST - Co	ncordia Parish	
Cas	sing	12 1/4"	23	lb/ft		0'-513' W/300 SXS	
Config	uration:	5 1/2"	15.	5 lb/ft		0'-5519' W/380 SXS	
Latest k	oorehole info	rmation:	1987 WP		BP @ 5550 llow up pa	and perforate 5068-82', bu perwork.	
	Drilled TD:	5910'			Tubing:	2.875" @ 3750'	
	PBTD:	5456'			Packer:	unknown'	
	USDW:	1240'		Pe	rforations:	5284' - 5286'	
		Plug	ging and Aba	ndonment Pro	ocedure		
Cement plug from 6,000-f additives as CES agent if	gs shall be blen ft- Total Depth required to mi requested.	ded API ceme of Well. A mi nimize time w	nt. Class 'A' conimum densitration	ement to be util y of 15.6 ppg is I ent. Dry and ble	ized from 0- required on ended cemer	all slurries. Accelerator It samples shall be provided to	
Cement plug from 6,000-f additives as CES agent if • Contractor	gs shall be blen ft- Total Depth required to mi requested.	ded API ceme of Well. A mi nimize time w absorbent an	nt. Class 'A' conimum densitration	ement to be util y of 15.6 ppg is I ent. Dry and ble	ized from 0- required on ended cemer	ft-6,000-ft and Class 'H' cemental slurries. Accelerator at samples shall be provided to	
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Remove stinger from retainer and spot a 10 sack cement plug on top of retainer.

11	Spot a top balanced 150' surface cement plug inside the production casing.
12	Circulate with small tubing a minimum of 150' surface cement plug between all casing strings, leaving annulus full of cement to the surface.
13	Cut all casing a minimum of five feet (5') below ground level and weld a ½" steel plate on top of each casing string. Weld or stencil well serial number and date on top of plate.
14	Remove and dispose of all equipment, material and debris associated with the past operation of this well.
15	Restore well site along with access routes.

	Well Name			Well Serial Number		Operator of Record	
	BURRILL FARRAR No. 1 General Description		215020		CLOVERLEAF OPERATING CO (OC# C265)		
				OSR Proje	ect Name:	Vidal Island Area	
	Location:	Lat.	31° 3′	1' 22.9"		Lon.	91° 46' 15"
	S-T-R:	Sec 5-T0	6N-R07E		ROSS E	AYOU - Cond	ordia Parish
	Ca	sing	12 1/4"	24	b/ft		0'-402' W/325 SXS
	Config	uration:	5 1/2"	15.5	lb/ft		0'-5140' W/350 SXS
	Latest	borehole infor	mation:	1987 WP in		BP @ 5550 a llow up pape	nd perforate 5068-82', but no erwork.
		Drilled TD:	5825'			Tubing:	2.875" @ 3200'
		PBTD:	5028'			Packer:	None'
		USDW:	520'		Р	erforations:	4990' - 5000'
			Plu	gging and Abar	ndonment Pr	ocedure	
	ft- Total Dep minimize tim • Contractor	e blended API on th of Well. A mane waiting on ce must provide a	ement. Class ninimum densi ement. Dry and	'A' cement to be ty of 15.6 ppg is d blended ceme	e utilized from required on a nt samples sha	0-ft-6,000-ft a Il slurries. Ac all be provided	, and contain an • All Cement and Class 'H' cement from 6,000- celerator additives as required to d to CES agent if requested. en that might be generated by
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12	Circulate with small tubing a minimum of 150' surface cement plug between all casing strings, leaving annulus full of cement to the surface.
13	Cut all casing a minimum of five feet (5') below ground level and weld a ½" steel plate on top of each casing string. Weld or stencil well serial number and date on top of plate.
14	Remove and dispose of all equipment, material and debris associated with the past operation of this well.
15	Restore well site along with access routes.

8	Well Name		Well Seria	Well Serial Number 246535 BI		Operator of Record RITLIND OIL LLC (OC# B388)	
	VUA;J DALE III ETAL No. 1 General Description						
					OSR Proje	ct Name:	Vidal Island Area
	Location:	Lat.	31°	40' 18"		Lon.	91° 29' 30"
	S-T-R:	Sec 56-T0)8N-R10E		VIDAL IS	SLAND - Con	cordia Parish
	Ca	sing	11"	24	b/ft		0'-1821' W/500 SXS
	Config	uration:	5 1/2"	17	b/ft		0'-9551' W/300 SXS
	Latest	borehole info	rmation:	1987 WP in		P @ 5550 ar	nd perforate 5068-82', but no
		Drilled TD:	9561'			Tubing:	None" @ N/A'
		PBTD:	9561'			Packer:	None'
		USDW:	697'		Pe	erforations:	9551' - 9561'
			Plı	Plugging and Abandonment Procedure		rocedure	
	plugs shall l 6,000-ft- To required to requested.	be blended API stal Depth of W minimize time	lass A, having cement. Cla 'ell. A minimu waiting on co	a minimum den ss 'A' cement to um density of 15 ement. Dry and I	be utilized from .6 ppg is requinulended olended cemer	unds per gall m 0-ft-6,000- red on all slu nt samples sh	ft and Class 'H' cement from rries. Accelerator additives as all be provided to CES agent if
	plugs shall l 6,000-ft- To required to requested. • Contracto the remova	be blended API stal Depth of W minimize time or must provide al operations.	lass A, having cement. Clased last class and control last	a minimum den ss 'A' cement to um density of 15 ement. Dry and I	be utilized from 6 ppg is requinal dended cemenal ent booms to co	unds per gall m 0-ft-6,000- red on all slu nt samples sh ontain any sh	ft and Class 'H' cement from rries. Accelerator additives as all be provided to CES agent if seen that might be generated by
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	plugs shall l 6,000-ft- To required to requested. • Contracto the remova	be blended API otal Depth of W minimize time or must provide al operations. Move in, rig	lass A, having cement. Classell. A minimum waiting on contact absorbent as up, and kill v	a minimum den ss 'A' cement to um density of 15 ement. Dry and I	be utilized from 6 ppg is required to the control of the control o	unds per gallem 0-ft-6,000-fred on all slunts samples should ontain any shoressure test	rries. Accelerator additives as all be provided to CES agent if seen that might be generated by
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	plugs shall if 6,000-ft- To required to requested. • Contractor the remova	be blended API otal Depth of W minimize time or must provide al operations. Move in, rig POOH with t Pick up work clean. POOH	lass A, having cement. Classed in	a minimum denss 'A' cement to um density of 15 ement. Dry and I and/or containment well if necessary er, or hanger if putting auge bit	be utilized from 6 ppg is required to the control of the control 7. Install and processor and land and clean out	unds per gallem 0-ft-6,000-fred on all slunts samples should be contain any shoressure test by down.	ft and Class 'H' cement from rries. Accelerator additives as all be provided to CES agent if seen that might be generated by
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	10	Remove and dispose of all equipment, material and debris associated with the past operation of this well.
	11	Restore well site along with access routes.

10	Well Name		Well Seria	Well Serial Number		Operator of Record	
	J DALE III ETAL No. 2 General Description		248604		BRITLIND OIL LLC (OC# B388)		
				OSR Proje	ct Name:	Vidal Island Area	
	Location:	Lat.	31°	40' 4"		Lon.	91° 29' 52"
	S-T-R:	Sec 32-T0	08N-R09E		VIDAL IS	SLAND - Cond	cordia Parish
	Cas	sing	11"	23	b/ft		0'-1826' W/450 SXS
	Configu	uration:	5 1/2"	15.5	lb/ft		0'-9544' W/350 SXS
	Latest l	borehole infor	mation:	1987 WP in		SP @ 5550 ar low up pape	nd perforate 5068-82', but no erwork.
		Drilled TD:	9554'	_I		Tubing:	None" @ N/A'
		PBTD:	9544'			Packer:	None'
		USDW:	697'		Pe	erforations:	null' - null'
			Plu	gging and Abar	ndonment Pro	cedure	
	shall be blend Depth of Wel time waiting	ded API cement II. A minimum on on cement. Dry must provide a	t. Class 'A' cem density of 15.6 and blended	nent to be utilize ppg is required cement samples	d from 0-ft-6,0 on all slurries. shall be provid	00-ft and Clas Accelerator a ed to CES age	ss 'H' cement from 6,000-ft- Total additives as required to minimize ant if requested.
	shall be blend Depth of Wel time waiting • Contractor removal open	ded API cement II. A minimum o on cement. Dry must provide a rations.	t. Class 'A' cem density of 15.6 y and blended of bsorbent and/	nent to be utilize ppg is required cement samples or containment	d from 0-ft-6,0 on all slurries. shall be provid booms to conta	00-ft and Clas Accelerator a ed to CES age ain any sheen	is 'H' cement from 6,000-ft- Total additives as required to minimize ant if requested. that might be generated by the
	shall be blend Depth of Wel time waiting • Contractor removal oper	ded API cement II. A minimum on cement. Dry must provide a rations. Move in, rig o	t. Class 'A' cem density of 15.6 and blended of bsorbent and/ up, and kill we	pent to be utilize ppg is required cement samples or containment ell if necessary.	d from 0-ft-6,0 on all slurries. shall be provid booms to conta Install and pre	00-ft and Clas Accelerator a ed to CES age ain any sheen	ss 'H' cement from 6,000-ft- Total additives as required to minimize ant if requested.
	shall be blend Depth of Wel time waiting • Contractor removal open	ded API cement II. A minimum on cement. Dry must provide a rations. Move in, rig of	t. Class 'A' cem density of 15.6 y and blended of bsorbent and/ up, and kill we	ppg is required cement samples or containment ell if necessary.	d from 0-ft-6,0 on all slurries. shall be provid booms to conta Install and pre	00-ft and Clas Accelerator a ed to CES age ain any sheen	is 'H' cement from 6,000-ft- Total additives as required to minimize ant if requested. that might be generated by the
	shall be blend Depth of Weltime waiting • Contractor removal oper	ded API cement II. A minimum on cement. Dry must provide a rations. Move in, rig of Pressure test GIH w/ work	t. Class 'A' cemdensity of 15.6 and blended obsorbent and/ up, and kill we string, tag TD	ppg is required cement samples or containment ell if necessary. 300 psi for 30 psi for	d from 0-ft-6,0 on all slurries. shall be provid booms to conta Install and pre minutes	00-ft and Clas Accelerator a ed to CES age ain any sheen essure test b	is 'H' cement from 6,000-ft- Total additives as required to minimize that if requested. that might be generated by the lowout preventers.
	shall be blend Depth of We time waiting • Contractor removal oper 1 2 3 4	ded API cement II. A minimum on cement. Dry must provide a rations. Move in, rig of Pressure test GIH w/ work Circulate wel	t. Class 'A' cemdensity of 15.6 and blended obsorbent and/ up, and kill we string, tag TD	ppg is required cement samples or containment ell if necessary. 300 psi for 30 4 report num 9.0 ppg co	d from 0-ft-6,0 on all slurries. shall be provid booms to conta Install and pre minutes rrosion inhibit	00-ft and Clas Accelerator a ed to CES age ain any sheen essure test b	is 'H' cement from 6,000-ft- Total additives as required to minimize ant if requested. that might be generated by the
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	shall be blend Depth of We time waiting • Contractor removal oper 1 2 3 4 5	ded API cement II. A minimum on cement. Dry must provide a rations. Move in, rig of Pressure test GIH w/ work Circulate wel Set balanced Perforate prophase. Estable	t. Class 'A' cemdensity of 15.6 and blended obsorbent and/ up, and kill we string, tag TD Il with a minin 200' cement oduction casi lish injection i	ppg is required cement samples or containment ell if necessary. 300 psi for 30 4 report num 9.0 ppg coplug from 8,000 png with hollow	d from 0-ft-6,0 on all slurries. shall be provid booms to contain the shall and preminutes rrosion inhibit o' to 7,800'. carrier casing its.	OO-ft and Class Accelerator a ed to CES age ain any sheen essure test b	is 'H' cement from 6,000-ft- Total idditives as required to minimize that if requested. that might be generated by the lowout preventers.
	shall be blend Depth of Wel time waiting • Contractor removal open 1 2 3 4 5	ded API cement II. A minimum on cement. Dry must provide a rations. Move in, rig to Pressure test GIH w/ work Circulate wel Set balanced Perforate pro phase. Estable Set a cement	t. Class 'A' cemdensity of 15.6 and blended obsorbent and/ up, and kill we string, tag TD Il with a minin 200' cement oduction casi lish injection is retainer 30' a	ppg is required cement samples or containment ell if necessary. 300 psi for 30 4, & report 1, & report 2, and pulg from 8,000 2, and pulg from 8,000 3, and perforation elbove perforation elbove perforation	d from 0-ft-6,0 on all slurries. shall be provid booms to contain the contain	OO-ft and Class Accelerator a ed to CES age ain any sheen essure test b ced fluid and	is 'H' cement from 6,000-ft- Total idditives as required to minimize that if requested. that might be generated by the lowout preventers.
	shall be blend Depth of Weltime waiting • Contractor removal oper 1 2 3 4 5 6 7	ded API cement II. A minimum on cement. Dry must provide a rations. Move in, rig of Pressure test GIH w/ work Circulate wel Set balanced Perforate prophase. Estable Set a cement	t. Class 'A' cemdensity of 15.6 and blended obsorbent and/ up, and kill we string, tag TD Il with a mining 200' cement oduction casilish injection is retainer 30' and string and purious cannot be string and be string	ppg is required cement samples or containment ell if necessary. 300 psi for 30 4, & report 1, & report 2, and pulg from 8,000 2, and pulg from 8,000 3, and perforation elbove perforation elbove perforation	d from 0-ft-6,0 on all slurries. shall be provid booms to contain the shall and preminutes rrosion inhibit o' to 7,800'. carrier casing is. cement below	OO-ft and Class Accelerator a ed to CES age ain any sheen essure test b eed fluid and g gun from	leave between all plugs. leave between all plugs. dinto perforations.
	shall be blend Depth of Weltime waiting • Contractor removal oper 1 2 3 4 5 6 7 8	Move in, rig u Pressure test GIH w/ work Circulate wel Set balanced Perforate prophase. Estable Set a cement Sting into ret	t. Class 'A' cemdensity of 15.6 and blended obsorbent and/ up, and kill we string, tag TD Il with a mining 200' cement oduction casi lish injection is retainer 30' at ainer and pur	ppg is required cement samples or containment ell if necessary. 300 psi for 30 , & report num 9.0 ppg co plug from 8,000 ng with hollow nto perforation above perforation	d from 0-ft-6,0 on all slurries. shall be provid booms to contain the provide booms to contain the provide minutes Trosion inhibit o' to 7,800'. Trosion carrier casing its. Tons. Cement below 10 sack cement	OO-ft and Class Accelerator a ed to CES age ain any sheen essure test b eed fluid and g gun from retainer and	that might be generated by the lowout preventers. leave between all plugs. 1925' to 1927' w/4 SPF @ 60

12	Cut all casing a minimum of five feet (5') below ground level and weld a ½" steel plate on top of each casing string. Weld or stencil well serial number and date on top of plate.
13	Remove and dispose of all equipment, material and debris associated with the past operation of this well.
14	Restore well site along with access routes.

Well Name			Well Serial Number	Opera	tor of Record
ALBERT NICHOLS #5			109185	HUGHES & NE	W-CRYSTAL OIL & LD
			General Description		
Lo	ocation:	Lat	31° 34' 58.2"	Lon.	91° 41' 26"
S-T-R:	Sec 6-	T16N-R08E	FIELD - Parish:	Big Creek	- Richland Parish
Casing		8 5/8"	20 lb/ft	0'-530	0' W/230 SXS
Configurat	tion:				
Latest bore	ehole information	າ:	<u> </u>		
	Drilled TD:	6018		Tubing:	None
	PBTD:	0		Packer @	None
	USDW:	770		Perforations:	None
		_			ntain an • All Cement plugs ement from 6,000-ft- Total
t	ime waiting on cer	nent. Dry and blende	d cement samples sha	ll be provided to CES a	es as required to minimize gent if requested. might be generated by the
1	Dig out around wellbore sufficient cement and pressure and report			hot tap well 3 feet b	pelow grade. Check tap for
2	Mobilize equipment and materials on location. Kill well. Make necessary repairs on wellhead. Install blowout preventers and test. Verify that the hydraulic closure system is operational at all times.				
3	Drill out the to	op and casing shoe	cement plugs.		
Use 7 7/8" bit to continue to re-open hole to 970'. Make wiper trip to 400'. Return to TD bottoms up. POOH.			. Return to TD Circulate 2x		

5	Run 4 ½" 11 lb/ft casing to TD. Use pipe centralizers on 1st, 4th & 6th connections
6	Circulate cement down casing back to surface. Est ~300 sxs cmt. SI WOC
7	RDMO cement equipment & drilling rig.
8	All Non-Hazardous Oilfield waste is to be legally disposed offsite. Provide waste removal bill of lading
9	Cut all casing 5 feet below grade and weld 1/2" steel cap on top with date and serial number welded on top of cap.
10	Remove and dispose of all equipment, material and debris associated with the past operation of this well.
11	Restore well site along with access routes.

Num	Serial	Well Name	Cost
1	121029	ART SUG;LEARNED-PEABODY	
2	140140	FAYE THOMAS	
3	162848	FAR SU15;SONTAG-FARRAR	
4	184953	BROWN	
5	186893	VUA;FARRAR	
6	201904	TURNER	
7	215020	BURRILL FARRAR	
8	246535	VUA;J DALE III ETAL	
9	248604	J DALE III ETAL	
10	109185	ALBERT NICHOLS	
Third Part	y Consultant Tota	al Cost	
Permits			
Other			

	(COSIS)	\$	
		\$	
Deduct salvage value		\$()
	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

^{*}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.

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 Unit Cost Per Day-	\$
5. Third Party Consultant costs per day-	\$

Attachments

ATTACHMENT "A"

INSURANCE REQUIREMENTS

CERTIFICATE OF INSURANCE

ACT 404: P&A CONTRACTS

LAND 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 <u>and</u> 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 "B"

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 ¾ inch to 1 ¼ 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.
 - 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 nonroutine 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 'B' was included ir
the Bid Proposal #	package and that I have read same.