DEPARTMENT OF NATURAL RESOURCES
07/28/23

BID PROPOSAL
431-PA24-004

ABANDONMENT OF OILFIELD SITES

SUGARTOWN, SUGRUE AND PINEWOOD FIELDS

Vernon & Beauregard Parishes

Bid Opening Date: 8/31/23

NOTICE TO BIDDERS

Sealed bids will be opened and publicly read by the Department of Natural Resources, 617 North 3rd Street, 12th Floor, Room 1260, Baton Rouge, Louisiana at **11:00 A.M** on **August 31, 2023** for the following:

Bid Proposal Number: 431-PA24-004

Sugartown, Sugrue, and Pinewood Fields of Vernon and Beauregard Parishes are subject to jurisdiction of the Lafayette District Office.

NOTE: A one-time **MANDATORY SITE VISIT** will be held on Wednesday, August 16, 2023 at 9:00 A.M. Pre-registration is required. To pre-register, contact Butch Romero @ (337) 501-5487 by 12:00 P.M., Wednesday August 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 <u>only</u> 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-PA24-004**
BID OPENING DATE: **August 31, 2023**

Department of Natural Resources
Fiscal Section
617 N. 3rd St., 12th 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 (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, Dept. of Natural Resources, P.O. Box 94396 (or 617 N. 3rd Street, 12th 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 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 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, facilities removed, and well sites remediated in multiple fields, multiple Parishes. This site is subject to jurisdiction of the Lafayette District Office.

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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) or (kayla.livingston2@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.

Commented [KL2]: Removed Casandra's email and added mine, should we add James?

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 MUST be submitted online. Mailed bids are no longer allowed.

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.

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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 - LAND OPERATIONS - 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 10000 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 10000 psi working pressure (internal and external rating).
D. Circulating pump capable of pressuring up and circulating to 5000 psi at 3 barrels per minute minimum. All connections in the line from the pump to wellhead shall also be rated to 1000 psi.
E. 80-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**

Well Name	Temple 16 #001	Operator	BPR Energy, Inc.
Serial #	219537	LAT	30 58 20.6
Field	Pinewood	LONG	93 17 55
Location	Land	USDW	3100.00
Parish	Vernon	Directional	Yes, horizontal lateral 90 degs at 14,326'

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	14.75	9.95	0	4,205	45.5	2500	2,165	1,481
Casing	7.625	9.875	6.765	0	13,615	33.7	3000	1,000	10,355
Casing	4			13,515	14,210				
Casing	4			13,757	14,261				
Packer					13,419				
Perforations									
Tubing	2.875			0	13,419				

Plugging and Abandonment Procedure

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- 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 13,419'.
3. Cut tubing above production packer at 13,300'. Displace wellbore with corrosion inhibitor.
4. Pump 50 sxs of cement to set a 500' balanced cement plug in the 2-7/8" tubing and 2-7/8" tubing x 7-5/8" casing annulus from 12,800' to 13,300'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
5. Cut or perforate tubing at 10,400'. Pump 50 sxs of cement to set a 500' balanced cement plug in the 2-7/8" tubing and 2-7/8" tubing x 7-5/8" casing annulus from 9,900' to 10,400'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
6. Cut or perforate tubing at 7,000'. Pump 50 sxs of cement to set a 500' balanced cement plug in the 2-7/8" tubing and 2-7/8" tubing x 7-5/8" casing annulus from 6,500' to 7,000'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
7. Cut tubing at 4,200'. Lay tubing down. RIH and set bridge plug at 4,195'.
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 7-5/8" x 10-3/4" annulus. Place top of cement at 4,000'. WOC 4 hours. Pressure test to 300 psi.
10. Set 7-5/8" CIBP at 180' below mud line. Circulate a 25-sack balanced cement plug in the 7-5/8" casing. Using a 1' string, set 100' cement plug in the 7-5/8" x 10-3/4" annulus and the 10-3/4" x OH.

11. Complete removing remaining casing 5’ below ground level. Place cap on well, and weld plate with serial number on top.
12. **Remove Production Facility (including, but not limited to: oil tanks and separators** in accordance with LAC43:XIX.311 and 313. Collect and analyze a confirmatory clean soil sample and post closure soil sample for non-compliant constituents **(see Sec. 2, Item 30).**
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.

Drum

Tank

Well Name	AUS C RA SUD; COLLINS #015				Operator		Yuma E&P Company, Inc.		
Serial #	220610				LAT		30 53 3.9		
Field	Sugartown				LONG		93 4 22.7		
Location	Land				USDW		3660.00		
Parish	Vernon				Directional		Yes (KOP 15,015')		
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	13.375	17.5	12.415	0	5,000	68	2000	2,840	2,138
Casing	9.625	12.25	8.535	0	14,942	53.5	2025	1,745	11,041
Packer					14,820				
Liner – Perforated Interval	3.5			15,002	18,514				
Liner – Perforated Interval	3.5			15,015	18,192				
Tubing	3.5				14,820				

Plugging and Abandonment Procedure

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- 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 14,800'.
3. Cut tubing above production packer at 14,700'. Displace wellbore with corrosion inhibitor.
4. Pump 125 sxs of cement to set a 300' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 9-5/8" casing annulus from 14,400' to 14,700'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
5. Cut tubing at 11,200'. Pump 125 sxs of cement to set a 300' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 9-5/8" casing annulus from 10,900' to 11,200'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
6. Cut tubing at 8,000'. Pump 125 sxs of cement to set a 300' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 9-5/8" casing annulus from 7,700' to 8,000'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
7. Cut tubing at 5,000'. Lay tubing down. RIH and set bridge plug at 5,000'.
8. Unstring from bridge plug. Set 150 sack plug above bridge plug. Tag TOC. Pressure test casing to 300 psi.
9. Squeeze 125 sacks down 9-5/8" x 13-3/8" annulus. Place top of cement at 4,700'. WOC 4 hours. Pressure test to 300 psi.
10. Set 9-5/8" CIBP at 180' below mud line. Circulate a 50 sxs balanced cement plug in the 9-5/8" casing. Using a 1' string, set 100' cement plug in the 9-5/8" x 13-3/8" annulus and the 13-3/8" x open hole annulus.
11. Complete removing remaining casing 5' below ground level. Place cap on well, and weld plate with serial number on top.

12. **Remove Production Facility (including, but not limited to: oil tanks and separators** in accordance with LAC43:XIX.311 and 313. Collect and analyze a confirmatory clean soil sample and post closure soil sample for non-compliant constituents **(see Sec. 2, Item 30).**
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.

Tanks

Sales point piping

Well Name	AUS C RA SUM;MARTIN #022			Operator			Yuma E&P Company, Inc.		
Serial #	222628			LAT			30 52 28.5		
Field	Sugartown			LONG			93 4 36.7		
Location	Land			USDW			3730.00		
Parish	Beauregard			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	13.375	17.5	12.415	0	4,510	68	2000	2,790	1,698
Casing	9.625	12.25	8.535	0	14,334	53.5	3000	1,480	11,026
Casing	7.625	8.5	6.625	13,868	15,165	39	0	150	13,118
Casing	3.5			15,115	22,103				
Packer					13,860 & 15,115				
Perforations				15,115	22,103				
Tubing	3.5			0	13,860				

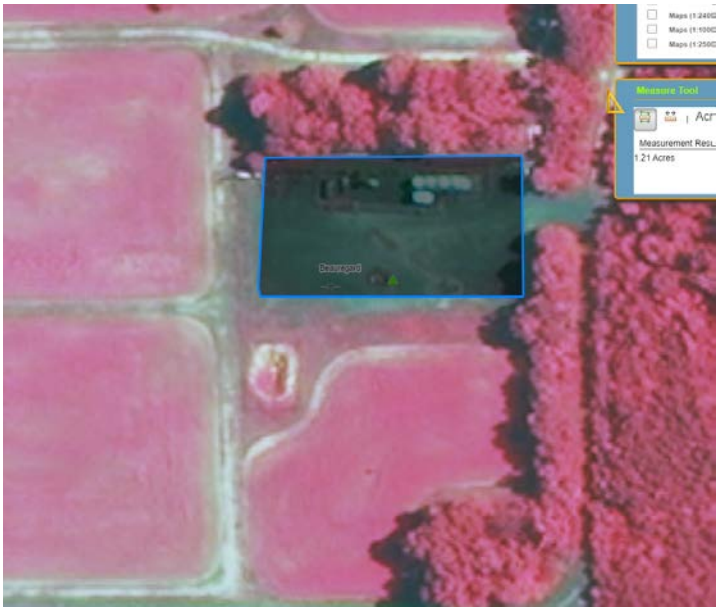
Plugging and Abandonment Procedure

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- 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 13,800'.
3. Cut tubing above production packer at 13,800'. Displace wellbore with corrosion inhibitor.
4. Pump 75 sxs of cement to set a 300' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 7-5/8" casing annulus from 13,400' to 13,700'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
5. Cut or perforate tubing at 13,200'. Pump 75 sxs of cement to set a 300' balanced cement plug in the 2-7/8" tubing and 2-7/8" tubing x 7-5/8" casing annulus from 12,900' to 13,200'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
6. Cut or perforate tubing at 7,000'. Pump 75 sxs of cement to set a 300' balanced cement plug in the 2-7/8" tubing and 2-7/8" tubing x 7-5/8" casing annulus from 6,700' to 7,000'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
7. Cut tubing at 4,500'. Lay tubing down. RIH and set bridge plug at 4,500'.
8. Unstring from bridge plug. Set 75 sack plug above bridge plug. Tag TOC. Pressure test casing to 300 psi.
9. Squeeze 50 sacks down 7-5/8" x 9-5/8" annulus. Place top of cement at 4,200'. WOC 4 hours. Pressure test to 300 psi.
10. Squeeze 125 sacks down 9-5/8" x 13-3/8" annulus. Place top of cement at 4,200'. WOC 4 hours. Pressure test to 300 psi.
11. Set 7-5/8" CIBP at 180' below mud line. Circulate a 50 sxs balanced cement plug in the 7-5/8" casing. Using a 1' string, set 100' cement plug in the 7-5/8" x 9-5/8" annulus, the 9-5/8" x 13-3/8" annulus, and the 13-3/8" x OH annulus.

12. Complete removing remaining casing 5' BML. Place cap on well, and weld plate with serial number on top.
13. **Remove Production Facility (including, but not limited to: oil tanks and separators** in accordance with LAC43:XIX.311 and 313. Collect and analyze a confirmatory clean soil sample and post closure soil sample for non-compliant constituents **(see Sec. 2, Item 30).**
    a. **Remove top 1' of soil from pad. See photo of soil to remove.**
    b. **Test at 2,3,4, and 5 to determine any additional contamination.**

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.



burn area

Well Name	AUS C RA SUP;CROSBY 9A #001				Operator		Yuma E&P Company, Inc.		
Serial #	222785				LAT		30 53 38.1		
Field	Sugartown				LONG		92 59 5		
Location	Land				USDW		3730.00		
Parish	Vernon				Directional		Yes KOP 15,241', horizontal at 15,687'.		
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	13.375	17.5	12.347	0	4,505	72	2000	2,760	1,723
Casing	9.625	12.25	8.535	0	14,220	53.5	4050	1,390	11,113
Casing	7.625	8.5	6.625	13,837	15,160	39	0	150	13,795
Casing	3.5			15,341	19,932				
Casing	3.5			14,970	17,879				
Packer					13,830				
Perforations	ST01 - 15,341' - 19,932'				ST02 - 14,970' - 17,879'				
Tubing	3.5			0	13,830				

Plugging and Abandonment Procedure

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- 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 13,830'.
3. Cut tubing above production packer at 13,700'. Displace wellbore with corrosion inhibitor.
4. Pump 175 sxs of cement to set a 500' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 9-5/8" casing annulus from 13,200' to 13,700'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
5. Cut tubing at 11,200'. Pump 75 sxs of cement to set a 200' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 9-5/8" casing annulus from 11,000' to 11,200'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
6. Cut tubing at 7,200'. Pump 75 sxs of cement to set a 200' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 9-5/8" casing annulus from 7,000' to 7,200'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
7. Cut tubing at 4,495'. Lay tubing down. RIH and set bridge plug at 4,500'.
8. Unstring from bridge plug. Set 100-sack cement plug above bridge plug. Tag TOC. Pressure test casing to 300 psi.
9. Squeeze 100 sacks down 9-5/8" x 13-3/8" annulus. Place top of cement at 4,200'. WOC 4 hours. Pressure test to 300 psi.
10. Set 9-5/8" CIBP at 180' below mud line. Circulate a 50-sack balanced cement plug in the 9-5/8" casing. Using a 1' string, set 100' cement plug in the 9-5/8" x 13-3/8" annulus and the 13-3/8" x OH.
11. Complete removing remaining casing 5' below ground level. Place cap on well, and weld plate with serial number on top.

12. Remove and dispose of all equipment, material, and debris associated with the past operation of this well and plugging activity.
13. **CLOSE PITS (Pit ID#58P0004)** in accordance with LAC43:XIX311 and 313. Collect and analyze3 a confirmatory clean soil sample and post closure soil sample for non-compliant constituents. **(see Section 2, Item 30)**
14. **Remove Production Facility (including, but not limited to: oil tanks and separators** in accordance with LAC43:XIX.311 and 313. Collect and analyze a confirmatory clean soil sample and post closure soil sample for non-compliant constituents **(see Sec. 2, Item 30).**
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.

Heater

Seperator

Subject: Pit

Photo File Name: 336779357149298807/Pit.JPG

Well Name	AUS C RA SUL; CROSBY 29 #001				Operator		Yuma E & P COMPANY		
Serial #	223297				LAT		30 57 8.7		
Field	Sugrue				LONG		93 0 46.9		
Location	Land				USDW		3296.00		
Parish	Vernon				Directional		Yes, (KOP/TOC 14,457')		
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	13.375	17.5	14.415	0	4,517	68	2000	2,885	1,609
Casing	9.625	12.25	8.535	0	12,975	53.5	3000	1,065	10,594
Casing	7.625	12.25	5.92	11,855	13,620	39		740	
Casing	7.625	8.5	5.92	11,369	14,390	39		200	
Packer					13,900				
Perforations				13,992	19,905				
Tubing	3.5			0	19,905				

Plugging and Abandonment Procedure

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- 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 13,900'.
3. Cut tubing above production packer at 13,800'. Displace wellbore with corrosion inhibitor.
4. Pump 100 sxs of cement to set a 500' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 7-5/8" casing annulus from 13,300' to 13,800'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
5. Cut tubing above liner top packer at 11,000'. Pump 100 sxs of cement to set a 300' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 9-5/8" casing annulus from 10,700' to 11,000'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
6. Cut tubing at 7,000'. Pump 100 sxs of cement to set a 300' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 9-5/8" casing annulus from 6,700' to 7,000'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
7. Cut tubing at 4,500'. Lay tubing down. RIH and set bridge plug at 4,450'.
8. Unstring from bridge plug. Set 200-sack plug above bridge plug. Tag TOC. Pressure test casing to 300 psi.
9. Squeeze 175 sacks down 9-5/8" x 13-3/8" annulus. Place top of cement at 4,200'. WOC 4 hours. Pressure test to 300 psi.
10. Set 9-5/8" CIBP at 180' below mud line. Circulate a 50-sack balanced cement plug in the 9-5/8" casing. Using a 1' string, set 100' cement plug in the 9-5/8" x 13-3/8" annulus and the 13-3/8" x OH.
11. Complete removing remaining casing 5' below ground level. Place cap on well, and weld plate with serial number on top.

12. **Remove Production Facility (including, but not limited to piping** in accordance with LAC43:XIX.311 and 313. Collect and analyze a confirmatory clean soil sample and post closure soil sample for non-compliant constituents **(see Sec. 2, Item 30).**
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.

Piping

Well Name	AUS C RA SUK;BEESON 28 #001				Operator		Yuma E & P COMPANY		
Serial #	223794				LAT		30 56 45.4		
Field	Sugrue				LONG		92 59 5.9		
Location	Land				USDW		3250.00		
Parish	Vernon				Directional		Yes, (KOP/TOC 14,601')		
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	13.375	17.5	12.415	0	4,500	68	2000	2,545	1,935
Casing	9.625	12.25	8.535	0	14,545	53.5	4000	1,390	11,438
Casing	3.5		2.75	14,700	19,702	13.3			
Casing	3.5		2.922	14,450	19,258	10.3			
Packer					14,350				
Perforations				14,615	20,350				
Perforations				14,633	19,525				
Tubing	3.5		2.922	0	14,350	10.3			

Plugging and Abandonment Procedure

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- 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 14,350'.
3. Cut tubing above production packer at 14,100'. Displace wellbore with corrosion inhibitor.
4. Pump 150 sxs of cement to set a 400' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 9-5/8" casing annulus from 13,700' to 14,100'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
5. Cut tubing at 11,600'. Pump 100 sxs of cement to set a 300' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 9-5/8" casing annulus from 11,300' to 11,600'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
6. Cut tubing at 7,300'. Pump 100 sxs of cement to set a 300' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 9-5/8" casing annulus from 7,000' to 7,300'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
7. Cut tubing at 4,500'. Lay tubing down. RIH and set bridge plug at 4,450'.
8. Unstring from bridge plug. Set 175-sack plug above bridge plug. Tag TOC. Pressure test casing to 300 psi.
9. Squeeze 150 sacks down 9-5/8" x 13-3/8" annulus. Place top of cement at 4,000'. WOC 4 hours. Pressure test to 300 psi.
10. Set 9-5/8" CIBP at 180' below mud line. Circulate a 50-sack balanced cement plug in the 9-5/8" casing. Using a 1' string, set 100' cement plug in the 9-5/8" x 13-3/8" annulus and the 13-3/8" x OH.
11. Complete removing remaining casing 5' below ground level. Place cap on well, and weld plate with serial number on top.

12.
13. **Remove Production Facility (including, but not limited to tanks and separators** in accordance with LAC43:XIX.311 and 313. Collect and analyze a confirmatory clean soil sample and post closure soil sample for non-compliant constituents **(see Sec. 2, Item 30).**
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.

Tanks

Sales point

Well Name	Crosby 2B #001				Operator		Yuma E & P COMPANY		
Serial #	225116				LAT		30 54 39.8		
Field	Sugartown				LONG		92 57 9.2		
Location	Land				USDW		3730.00		
Parish	Vernon				Directional		Yes, (KOP/TOC 15,054')		
Wellbore Components									
Type	Size (in)	Hole Size	ID	Top Depth (ft.)	Bottom Depth (ft.)	Weigh t (lb./ft.)	Test (psi)	Cement Volume (sks)	Cement Top (ft.)
Casing	13.375	17.5	12.415	0	4,510	68	2000	2,800	1,688
Casing	9.625	12.25	8.535	0	13,112	53.5	4000	980	10,921
Casing	7.625	8.5	6.625	11,708	14,974	39			14,974
Casing	3.5		2.75	14,724	20,914	13.3			
Casing	3.5		2.75	15,140	19,019	13.3			
Packer					14,525				
Perforations				14,724	20,914				
Perforations				15,140	19,019				
Tubing	3.5		2.992	0	14,525	9.3			

Plugging and Abandonment Procedure

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- 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 14,525.
3. Cut tubing above production packer at 14,400'. Displace wellbore with corrosion inhibitor.
4. Pump 100 sxs of cement to set a 400' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 7-5/8" casing annulus from 14,000' to 14,400'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
5. Cut tubing at 11,100'. Pump 100 sxs of cement to set a 300' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 9-5/8" casing annulus from 10,800' to 11,100'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
6. Cut tubing at 4,500'. Lay tubing down. RIH and set bridge plug at 4,500'.
7. Cut tubing at 7,300'. Pump 100 sxs of cement to set a 300' balanced cement plug in the 3-1/2" tubing and 3-1/2" tubing x 9-5/8" casing annulus from 7,000' to 7,300'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
8. Cut tubing at 4,500'. Lay tubing down. RIH and set bridge plug at 4,500'.
9. Unstring from bridge plug. Set 175 sack plug above bridge plug. Tag TOC. Pressure test casing to 300 psi.
10. Squeeze 175 sacks down 9-5/8" x 13-3/8" annulus. Place top of cement at 4,500'. WOC 4 hours. Pressure test to 300 psi.
11. Set 9-5/8" CIBP at 180' below mud line. Circulate a 50-sack balanced cement plug in the 9-5/8" casing. Using a 1' string, set 100' cement plug in the 9-5/8" x 13-3/8" annulus and the 13-3/8" x OH.
15. Complete removing remaining casing 5' below ground level. Place cap on well, and weld plate with serial number on top.

12. **Remove Production Facility (including, but not limited to tanks and separators** in accordance with LAC43:XIX.311 and 313. Collect and analyze a confirmatory clean soil sample and post closure soil sample for non-compliant constituents **(see Sec. 2, Item 30).**
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.

tank battery

Production Equipment

Well Name	AUS C RA SUB;CROSBY 12 #001				Operator		Yuma E & P COMPANY		
Serial #	246627				LAT		30 54 27.5		
Field	Sugartown				LONG		93 1 51.2		
Location	Land				USDW		3610.00		
Parish	Vernon				Directional		Yes, (KOP/TOC 14,399')		
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	150				
Casing	13.375	17.5	12.415	0	5,030	68	1500	3,405	1,598
Casing	9.625	12.25	8.535	0	14,161	53.5	5000	700	12,596
Casing	7.625	8.5	6.625	13,628	15,050	39	5000	75	14,368
Casing	3.5		2.75	15,050	20,777	13.3			
Packer					13,869				
Perforations				15,105	20,748				
Tubing	2.875			0	20,777				

Plugging and Abandonment Procedure

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- 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 13,869'.
3. Cut tubing above production packer at 13,800'. Displace wellbore with corrosion inhibitor.
4. Pump 175 sxs of cement to set a 500' balanced cement plug in the 2-7/8" tubing and 2-7/8" tubing x 9-5/8" casing annulus from 13,300' to 13,800'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
5. Cut tubing at 12,650'. Pump 100 sxs of cement to set a 300' balanced cement plug in the 2-7/8" tubing and 2-7/8" tubing x 9-5/8" casing annulus from 12,350' to 12,650'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
6. Cut tubing at 8,300'. Pump 100 sxs of cement to set a 300' balanced cement plug in the 2-7/8" tubing and 2-7/8" tubing x 9-5/8" casing annulus from 8,000' to 8,300'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
7. Cut tubing at 5,000'. Lay tubing down. RIH and set bridge plug at 5,000'.
8. Unstring from bridge plug. Set 175 sack plug above bridge plug. Tag TOC. Pressure test casing to 300 psi.
9. Squeeze 150 sacks down 9-5/8" x 13-3/8" annulus. Place top of cement at 4,500'. WOC 4 hours. Pressure test to 300 psi.
10. Set 9-5/8" CIBP at 180' below mud line. Circulate a 50-sack balanced cement plug in the 9-5/8" casing. Using a 1' string, set 100' cement plug in the 9-5/8" x 13-3/8" annulus and the 13-3/8" x OH.

11. Complete removing remaining casing 5’ below ground level. Place cap on well, and weld plate with serial number on top.
12. **Remove Production Facility (including, but not limited to tanks and debris** in accordance with LAC43:XIX.311 and 313. Collect and analyze a confirmatory clean soil sample and post closure soil sample for non-compliant constituents **(see Sec. 2, Item 30).**
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.

Debris

Well Name	AUS C RA SUB;CROSBY 14 #001				Operator		Yuma E & P COMPANY		
Serial #	247504				LAT		30 53 20.4		
Field	Sugartown				LONG		93 3 2.7		
Location	Land				USDW		3610.00		
Parish	Vernon				Directional		Yes, (KOP/TOC 14,892')		
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	484				
Casing	13.375	17.5	12.415	0	4,490	68	1500	2,476	1,995
Casing	9.625	12.25	8.535	0	13,950	53.5	5000	402	13,051
Casing	7	8.5	6.184	13,281	14,990	29	2500	42	14,758
Packer					13,256				
Packer					13,182				
Perforations	Open Hole Completion			14,990	18,114				
Tubing	3.5			0	13,182				

Plugging and Abandonment Procedure

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- 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 13,182'.
3. Cut tubing above production packer at 13,100'. Displace wellbore with corrosion inhibitor.
4. Pump 175 sxs of cement to set a 500' balanced cement plug in the 3-1/2 tubing and 3-1/2" tubing x 9-5/8" casing annulus from 12,600' to 13,100'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
5. Cut tubing at 8,000'. Pump 100 sxs of cement to set a 300' balanced cement plug in the 3-1/2 tubing and 3-1/2" tubing x 9-5/8" casing annulus from 7,700' to 8,000'. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
6. Cut tubing at 4,500'. Lay tubing down. RIH and set bridge plug at 4,500'.
7. Unstring from bridge plug. Set 175 sack plug above bridge plug. Tag TOC. Pressure test casing to 300 psi.
8. Squeeze 150 sacks down 9-5/8" x 13-3/8" annulus. Place top of cement at 4,000'. WOC 4 hours. Pressure test to 300 psi.
9. Set 9-5/8" CIBP at 180' below mud line. Circulate a 50-sack balanced cement plug in the 9-5/8" casing. Using a 1' string, set 100' cement plug in the 9-5/8" x 13-3/8" annulus and the 13-3/8" x OH.
10. Complete removing remaining casing 5' below ground level. Place cap on well, and weld plate with serial number on top.
11. **Remove Production Facility (including, but not limited to tanks and debris** in accordance with LAC43:XIX.311 and 313. Collect and analyze a confirmatory clean soil sample and post closure soil sample for non-compliant constituents **(see Sec. 2, Item 30).**

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.

tank battery

Equipment

Well Name	Collins 15 SWD #001				Operator		Yuma E & P COMPANY		
Serial #	972742				LAT		30 53 3.8		
Field	Sugartown				LONG		93 4 21.7		
Location	Land				USDW		3660.00		
Parish	Vernon				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	10.75	12.25	8.921	0	3,769	36	1000	1,495	0
Casing	7.625	9.875	6.366	0	6,750	26.4	0	1,375	0
Perforations				5,656	6,616				
Packer					3,980				
Tubing	4.5			0	3,980				

Plugging and Abandonment Procedure

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- 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 ny 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 4,334-ft.
3. Squeeze perforations with 300 sacks of cement. Spot top of cement inside of casing at 5,000-ft. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
4. Cut tubing above production packer at 3,950-ft. Displace wellbore with corrosion inhibitor.
5. Pump 125-sxs of cement to set a 550-ft balanced cement plug in the 7-5/8-in casing annulus from 3,400-ft to 3,950-ft. Pull above balanced plug. WOC 4 hours. Tag TOC, more cement must be added if plug tags below 3,550-ft. Pressure test casing to 300 psi.
6. Lay tubing down.
7. Set 200-ft cement plug from 2,100-ft to 2,300-ft (50 sacks). Pull above balanced plug. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
8. Cut and pull 7-5/8-in casing from 200-ft. Set a 10-3/4-in CIBP at 175-ft.
9. Circulate a 75-sack balanced cement plug in the 10-3/4-in casing. Using a 1-ft string, set 100-ft cement plug in the 10-3/4-in x OH annulus.
10. Complete removing remaining casing 5-ft below ground level. Place cap on well, and weld plate with serial number on top.
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.

Well Name	Quinn 17 SWD #001				Operator		Yuma E & P COMPANY		
Serial #	972760				LAT		30 53 98		
Field	Sugartown				LONG		93 6 21.9		
Location	Land				USDW		3660.00		
Parish	Vernon				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	10.75	13.5		0	3,815	40.5	600	1,495	938
Casing	7.625	9.875		0	6,750	26.4	0	970	3,588
Packer					4,068				
Perforations				5,616	6,584				
Tubing	4.5			0	4,068				

Plugging and Abandonment Procedure

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- 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 4,068-ft.
3. Squeeze perforations with 250 sacks of cement. Spot top of cement inside of casing at 5,500-ft. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
4. Cut tubing above production packer at 4,000-ft (annulus records show KCL). Displace wellbore with corrosion inhibitor.
5. Pump 125 sxs of cement to set a 500-ft balanced cement plug in the 7-5/8-in casing annulus from 3,500-ft to 4,000-ft. Pull above balanced plug. WOC 4 hours. Tag TOC, more cement must be added if plug tags below 3,550-ft. Pressure test casing to 300 psi.
6. Set 200-ft cement plug from 2,000-ft to 2,200-ft (50 sacks). Pull above balanced plug. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
7. Cut and pull 7-5/8-in casing from 200-ft. Set a 10-3/4-in CIBP at 175-ft.
8. Circulate a 75-sack balanced cement plug in the 10-3/4-in casing. Using a 1-ft string, set 100-ft cement plug in the 10-3/4-in x OH annulus.
9. Complete removing remaining casing 5-ft below ground level. Place cap on well, and weld plate with serial number on top.
10. **Remove Production Facility (including, but not limited to: oil tanks and separators** in accordance with LAC43:XIX.311 and 313. Collect and analyze a confirmatory clean soil sample and post closure soil sample for non-compliant constituents **(see Sec. 2, Item 30).**

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.

tank battery

Well Name	Crosby 25 SWD	Operator	Yuma E & P COMPANY
Serial #	972762	LAT	30 51 47.9
Field	Sugartown	LONG	93 2 27.7
Location	Land	USDW	3660.00
Parish	Vernon	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	10.75	13.5	10.05	0	3,815	40.5	600	1,495	938
Casing	7.625	9.875	6.969	0	6,910	26.4	0	1,070	3,422
Packer					3,795				
Perforations				4,570	4,862				
Tubing	4.5			0	3,795				

Plugging and Abandonment Procedure

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- 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 3,795-ft.
3. Squeeze perforations with 250 sacks of cement. Spot top of cement inside of casing at 3,795-ft. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
4. Cut tubing above production packer at 3,750-ft. Displace wellbore with corrosion inhibitor.
5. Pump 100 sxs of cement to set a 400-ft balanced cement plug in the 7-5/8-in casing annulus from 3,350-ft to 3,750-ft. Pull above balanced plug. WOC 4 hours. Tag TOC, more cement must be added if plug tags below 3,550-ft. Pressure test casing to 300 psi.
6. Lay tubing down.
7. Set 200-ft cement plug from 2,800-ft to 3,000-ft (50 sacks). Pull above balanced plug. WOC 4 hours. Tag Cut and pull 7-5/8-in casing from 200-ft. Set a 10-3/4-in CIBP at 175-ft.
8. Circulate a 75-sack balanced cement plug in the 10-3/4-in casing. Using a 1-ft string, set 100-ft cement plug in the 10-3/4-in x OH annulus.
9. Complete removing remaining casing 5-ft below ground level. Place cap on well, and weld plate with serial number on top.
10. 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	Beeson 28 SWD #001				Operator		Yuma E & P COMPANY		
Serial #	972987				LAT		30 56 45.6		
Field	Sugrue				LONG		92 59 4.6		
Location	Land				USDW		3520.00		
Parish	Vernon				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	10.75	13.5	10.05	0	3,658	40.5	600	1,210	1,329
Casing	7.625	9.875	6.969	0	4,700	26.4	0	525	2,989
Perforations				4,212	4,342				
Packer					3,800				

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 3,800-ft.
3. Squeeze perforations with 125 sacks of cement. Spot top of cement inside of casing at 3,800-ft. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
4. Cut tubing above production packer at 3,750-ft. Displace wellbore with corrosion inhibitor.
5. Pump 100-sxs of cement to set a 400-ft balanced cement plug in the 7-5/8-in casing annulus from 3,350-ft to 3,750-ft. Pull above balanced plug. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
6. Lay tubing down.
7. Set 300-ft cement plug from 2,700-ft to 3,000-ft (75 sacks). Pull above balanced plug. WOC 4 hours. Tag TOC, more cement must be added if plug tags below 3,550-ft. Pressure test casing to 300 psi.
8. Cut and pull 7-5/8-in casing from 200-ft. Set a 10-3/4-in CIBP at 175-ft.
9. Circulate a 75-sack balanced cement plug in the 10-3/4-in casing. Using a 1-ft string, set 100-ft cement plug in the 10-3/4-in x OH annulus.
10. Complete removing remaining casing 5-ft below ground level. Place cap on well, and weld plate with serial number on top.
11. **Restore site to original condition.**
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	Crosby 14 SWD #001			Operator			Yuma E & P COMPANY	
Serial #	974538			LAT			30 53 21.8	
Field	Sugartown			LONG			93 3 3.3	
Location	Land			USDW			3660.00	
Parish	Vernon			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	9.625	12.25	8.921	0	3,815	36	600	2,001	-658
Casing	7	8.5	6.366	0	4,800	23	1000	300	3,144
Perforations				4,564	4,650				
Packer					4,334				
Tubing	3.5			0	4,334				

Plugging and Abandonment Procedure

- ***All Cement plugs shall be blended API cement. Class 'A' cement to be utilized from 0'-6,000' and Class 'H' cement from 6,000'- 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 4,334-ft.
3. Squeeze perforations with 100 sacks of cement. Spot top of cement inside of casing at 4,334-ft. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
4. Cut tubing above production packer at 4,300-ft. Displace wellbore with corrosion inhibitor.
5. Pump 150-sxs of cement to set a 800-ft balanced cement plug in the 7-in casing annulus from 3,500-ft to 4,300-ft. Pull above balanced plug. WOC 4 hours. Tag TOC, more cement must be added if plug tags below 3,550-ft. Pressure test casing to 300 psi.
6. Set 300-ft cement plug from 2,700-ft to 3,000-ft (75 sacks). Pull above balanced plug. WOC 4 hours. Tag TOC. Pressure test casing to 300 psi.
7. Cut and pull 7-in casing from 200-ft. Set a 10-3/4-in CIBP at 175-ft.
8. Circulate a 75-sack balanced cement plug in the 9-5/8-in casing. Using a 1-ft string, set 100-ft cement plug in the 9-5/8-in x OH annulus.
9. Complete removing remaining casing 5-ft below ground level. Place cap on well, and weld plate with serial number on top.

10. **Remove Production Facility (including, but not limited to: oil tanks and separators** in accordance with LAC43:XIX.311 and 313. Collect and analyze a confirmatory clean soil sample and post closure soil sample for non-compliant constituents **(see Sec. 2, Item 30).**
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.

tank battery

Section 8 **BREAKDOWN OF LUMP SUM TOTAL**

ITEM DESCRIPTION	COST
1. P&A - 219537	**$ _____**
Facility Removal	**$ _____**
2. P&A - 220610	**$ _____**
Facility Removal	**$ _____**
3. P&A - 222628	**$ _____**
Facility Removal	**$ _____**
Top 1-ft Soil Removal	**$ _____**
Testing	**$ _____**
4. P&A - 222785	**$ _____**
Facility Removal	**$ _____**
Pit Removal	**$ _____**
5. P&A - 223297	**$ _____**
Facility Removal	**$ _____**
6. P&A - 223794	**$ _____**
Facility Removal	**$ _____**
7. P&A - 225116	**$ _____**
Facility Removal	**$ _____**
8. P&A - 246627	**$ _____**
Facility Removal	**$ _____**
9. P&A - 247504	**$ _____**
Facility Removal	**$ _____**
SWD WELL SITES	
10. P&A - 972742	**$ _____**
Facility Removal	**$ _____**
11. P&A - 972760	**$ _____**
Facility Removal	**$ _____**
12. P&A - 972762	**$ _____**
13. P&A - 972987	**$ _____**
14. P&A - 974538	**$ _____**

Facility Removal	**$ _____**
Permit Fee ___ x $75	$ 585.00
SWD Permit Fee __ x 125	$ 625.00

Other (must separately list and identify any additional costs)

_____	$ _____
_____	$ _____
Deduct salvage value (Itemized listing must be attached)	$__(_____)__
TOTAL *	**$**_____

Other Items (Not to be included in Bid)

1. **Disposal price per barrel**	**$ _____**
2. **Rig Spread Rate**	**$ _____**
3. **BOP Day Rate**	**$ _____**

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.

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

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 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 "B"

NORM Survey Results
(To be provided at site visit)

ATTACHMENT “C”

Water Well plugging and abandonment must be completed by a licensed water well driller. The water well driller is responsible for compliance with LAC 56:1 Chapter 5 rules & regulations for P&A, including but not limited to submittal of the appropriate forms as required.

- LAC 56:I 515.A “The contractor who plugs an abandoned well or hole shall complete and submit to the department the original copy of the Water Well Plugging and Abandonment Form (DNR-GW-2) within 30 calendar days after the completion of the work. The owner's copy shall be sent to the owner immediately after completion of the work, and the contractor shall retain the contractor's copy for his files. For reporting purposes only, the department considers the work completed when the work is accepted by the owner or when the contractor has moved his equipment from the site; whichever comes first. Acceptance by the owner or removal of equipment from the site by the contractor does not imply, in any way, acceptance or approval by the state of Louisiana…”