

Well Name: LUSK, FEDERAL A

Well Location: T19S / R32E / SEC
20 / SWNE /County or Parish/State:
LEA / NM

Well Number: 12

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC065710A

Unit or CA Name:

Unit or CA Number:

US Well Number:
300252488900X1Operator: SHACKELFORD OIL
COMPANY**Notice of Intent**

Sundry ID: 1341449

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 02/11/2021

Time Sundry Submitted: 12:29

Date proposed operation will begin:
02/12/2021

Procedure Description:

Surface Disturbance

Is any additional surface disturbance proposed?: No

Oral Submission

Oral Notification Date: Feb 11, 2021

Oral Notification Time: 12:00 AM

Contacted By: Brady Shackelford

Contact's Email: bradyshackelford@sbogl
obal.net**NOI Attachments**

Procedure Description

[Lusk_Fed_12_20210211122445.pdf](#)

Well Name: LUSK FEDERAL A

Well Location: T19S / R32E / SEC
20 / SWNE /County or Parish/State:
LEA / NM

Well Number: 12

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC065710A

Unit or CA Name:

Unit or CA Number:

US Well Number:
300252486900X1Operator: SHACKELFORD OIL
COMPANY**Conditions of Approval****Specialist Review**[Lusk_Fed_12_20210211133438.pdf](#)**BLM Point of Contact**

BLM POC Name: ZOTA M STEVENS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345998

BLM POC Email Address: ZSTEVENS@BLM.GOV

Disposition: Approved

Disposition Date: 02/11/2021

Signature: Zota Stevens

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No. NMLC065710-A
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator SHACKELFORD OIL CO		7. If Unit of CA/Agreement, Name and/or No.
3a. Address 11417 W COUNTY RD 33 MIDLAND, TX 79707	3b. Phone No. (include area code) (432) 682-9784	8. Well Name and No. LUSK FEDERAL A #12
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC 20 T19S R32E 1660 FNL & 2300 FEL		9. API Well No. 30-025-24869
		10. Field and Pool or Exploratory Area LUSK, DELAWARE WEST
		11. Country or Parish, State LEA COUNTY, NM

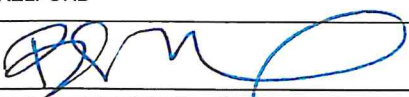
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

- 1. SET CIBP AT 2560' - PUMP 25 SXS PLUG
- 2. NOTIFY BLM IN HOBBS TO WITNESS TAG - RIH W/ TUBING AND TAG PLUG - PRESSURE TEST CASING TO 500 PSI
- 3. SET PLUG FROM 769 - 1133' (TOP OF SALT 1083)
- 4. MIX 10 SE=XS PLUG CIRCULATE TO SURFACE FROM 60'
- 5. DIG OUT AND CUT OFF WELLHEAD BELOW GROUND LEVEL - WELD DRY HOLE MARKER BELOW GROUND LEVEL
- 6. RECLAIM LOCATION AND SEED

CBL RUN ON 6/19/20 (TOP OF CEMENT @ 360')
BOND LOG ATTACHED HERETO

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) BRADY SHACKELFORD		CFO
Signature 		Title
		Date 02/10/2021

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Revised P&A Procedure

1. MIRU P&A unit. POOH rods and tubing string.
2. Set CIBP at 2560 ft. Spot 25 sxs of Cl C cement. WOC and Tag (Pressure Test)
3. Spot Class C from 1133'-769'. (Top of Salt 1083') **WOC & TAG**
4. Perf @ 350'. Sqz Cl C from 350' to surface.
5. Circ 10# salt Gel between each plug.
6. Cut wellhead off 3' BGL. Set Dry Hole marker.

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm



In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines (Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure). Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you

have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Petroleum Engineering Tech
575-234-5909 (Office), 575-361-2648 (Cell)

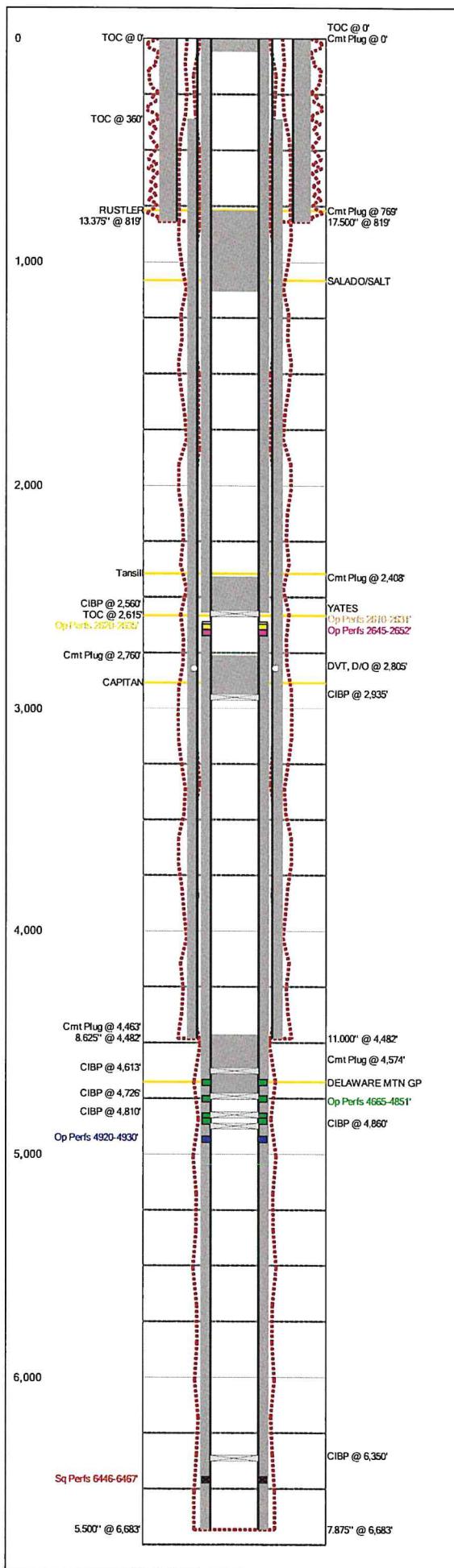
Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Melissa Horn
Environmental Protection Specialist
575-234-5951

Kelsey Wade
Environmental Protection Specialist
575-234-2220

Trishia Bad Bear, Hobbs Field Station
Natural Resource Specialist
575-393-3612



www.WellShadow.com

Last Updated: 2/10/2021 02:59 PM

Field Name		Lease Name		Well No.
Lusk Delaware, West		Lusk Federal A		12
County		State	API No.	
Lea		New Mexico	30025248690000	
Version	Version Tag			
5	P&A			
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
		20	19S	32E
Operator		Well Status	Latitude	Longitude
Shackelford Oil Company		Producer		
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
1660	FNL	2300	FEL	
Prop Num		Spud Date	Comp. Date	
420				
Additional Information				
Propose to Plug & Abandoned				
Other 1	Other 2	Other 3	Other 4	
Prepared By		Updated By	Last Updated	
Shackelford		Shackelford	2/10/2021 2:59 PM	

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	819	
	11.000	0	4,482	
	7.875	0	6,683	

Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Surface Casing	13.375	48.00	H40	0	819
	Intermediate Casing	8.625	32.00	J55	0	4,482
	Production Casing	5.500	15.50	J55	0	6,683

Casing Cement Summary

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		500	13.375	0	819	CIRCULATED
		1,650	8.625	360	4,482	BOND LOG - 6/19/20
	6/15/2020	350	5.500	0	2,570	
		800	5.500	2,615	6,683	BOND LOG

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	CIBP	5.500	0.000	2,560	0
	DVT, D/O	8.625	0.000	2,805	0
	CIBP	5.500	0.000	2,935	0
	CIBP	5.500	0.000	4,613	0
	CIBP	5.500	0.000	4,726	0
12/5/2019	CIBP	5.500	0.000	4,810	0
11/30/2019	CIBP	5.500	0.000	4,860	0
	CIBP	5.500	0.000	6,350	0

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	10	5.500	0	60	PROPOSED
		5.500	769	1,133	PROPOSED
	25	5.500	2,408	2,560	
	25	5.500	2,760	2,935	
	25	5.500	4,463	4,613	
	25	5.500	4,574	4,726	

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
	7/7/2020	Open		2,610	2,631	50
	6/11/2020	Open		2,620	2,635	
	7/9/2020	Open		2,645	2,652	
	11/30/2019	Open		4,665	4,851	
	2/12/2014	Open		4,920	4,930	
		Squeezed		6,446	6,467	

Formation Tops Summary

Formation	Top (TVD ft)	Comments
RUSTLER	770	
SALADO/SALT	1,083	
Tansill	2,395	
YATES	2,583	

Last Updated: 2/10/2021 02:59 PM

Formation	Top (TVD ft)	Comments
CAPITAN	2,885	
DELAWARE MTN GP	4,676	

Last Updated: 2/10/2021 02:59 PM

Field Name		Lease Name		Well No.	County	State	API No.
Lusk Delaware, West		Lusk Federal A		12	Lea	New Mexico	30025248690000
Version	Version Tag				Spud Date	Comp. Date	GL (ft)
5	P&A						KB (ft)
Section	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
20	19S	32E	1,660	FNL	2,300	FEL	
Operator		Well Status		Latitude		Longitude	Prop Num
Shackelford Oil Company		Producer					420
Other 1		Other 2		Other 3		Other 4	
Last Updated		Prepared By		Updated By			
02/10/2021 2:59 PM		Shackelford		Shackelford			
Additional Information							
Propose to Plug & Abandoned							

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	819	
	11.000	0	4,482	
	7.875	0	6,683	

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	Comments
	Surface Casing		13.375	48.00	H40	0	819	
	Intermediate Casing		8.625	32.00	J55	0	4,482	
	Production Casing		5.500	15.50	J55	0	6,683	

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		500	1.00	500	13.375	0	819		CIRCULATED
		1,650	1.00	1,650	8.625	360	4,482		BOND LOG - 6/19/20
	6/15/2020	350	1.00	350	5.500	0	2,570		
		800	1.00	800	5.500	2,615	6,683		BOND LOG

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	Cast Iron Bridge Plug	5.500	0.000	2,560	0		
	DV tool (drilled out)	8.625	0.000	2,805	0		
	Cast Iron Bridge Plug	5.500	0.000	2,935	0		
	Cast Iron Bridge Plug	5.500	0.000	4,613	0		
	Cast Iron Bridge Plug	5.500	0.000	4,726	0		
12/5/2019	Cast Iron Bridge Plug	5.500	0.000	4,810	0		
11/30/2019	Cast Iron Bridge Plug	5.500	0.000	4,860	0		
	Cast Iron Bridge Plug	5.500	0.000	6,350	0		

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	10	5.500	0	60	PROPOSED
		5.500	769	1,133	PROPOSED
	25	5.500	2,408	2,560	
	25	5.500	2,760	2,935	
	25	5.500	4,463	4,613	
	25	5.500	4,574	4,726	

Perforation Summary

C	Date	Perf. Status	Formation	Comments
	2/12/2014	Open		
	Top (MD ft)	Bottom (MD ft)	SPF	Shots
	4,920	4,930		
	Phasing (deg)			Interval Comments
C	Date	Perf. Status	Formation	Comments
		Squeezed		
	Top (MD ft)	Bottom (MD ft)	SPF	Shots
	6,446	6,467		
	Phasing (deg)			Interval Comments
C	Date	Perf. Status	Formation	Comments
	11/30/2019	Open		
	Top (MD ft)	Bottom (MD ft)	SPF	Shots
	4,665	4,671		
	4,738	4,759		
	4,816	4,827		
	4,838	4,851		
C	Date	Perf. Status	Formation	Comments
	7/7/2020	Open		
	Top (MD ft)	Bottom (MD ft)	SPF	Shots
	Phasing (deg)			Interval Comments

Last Updated: 2/10/2021 02:59 PM

C	Date	Perf. Status	Formation			Comments
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	2,610	2,616	2	34		Zones Dry
	2,623	2,631	2	16		Zones Dry
C	Date	Perf. Status	Formation			Comments
	6/11/2020	Open				
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	2,620	2,635				
C	Date	Perf. Status	Formation			Comments
	7/9/2020	Open				
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	2,645	2,652				

Formation Top Summary

Formation Name	Top(TVD ft)	Comments
RUSTLER	770	
SALADO/SALT	1,083	
Tansill	2,395	
YATES	2,583	
CAPITAN	2,885	
DELAWARE MTN GP	4,676	

Last Updated: 2/10/2021 02:41 PM

Field Name		Lease Name		Well No.	
Lusk Delaware, West		Lusk Federal A		12	
County		State		API No.	
Lea		New Mexico		30025248690000	
Version		Version Tag			
4		RECOMP YATES			
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey	
	20	19S	32E		
Operator		Well Status		Latitude	
Shackelford Oil Company		Producer			
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
1660 FNL		2300 FEL			
Prop Num		Spud Date		Comp. Date	
420					
Additional Information					
Recompletion from Delaware to Yates Formation					
Other 1	Other 2		Other 3		Other 4
Prepared By	Updated By		Last Updated		
Shackelford	Shackelford		2/10/2021 2:41 PM		

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	819	
	11.000	0	4,482	
	7.875	0	6,683	

Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Surface Casing	13.375	48.00	H40	0	819
	Intermediate Casing	8.625	32.00	J55	0	4,482
	Production Casing	5.500	15.50	J55	0	6,683

Casing Cement Summary

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		500	13.375	0	819	CIRCULATED
		1,650	8.625	360	4,482	BOND LOG - 6/19/20
	6/15/2020	350	5.500	0	2,570	
		800	5.500	2,615	6,683	BOND LOG

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	DVT, D/O	8.625	0.000	2,805	0
	CIBP	5.500	0.000	2,935	0
	CIBP	5.500	0.000	4,613	0
	CIBP	5.500	0.000	4,726	0
12/5/2019	CIBP	5.500	0.000	4,810	0
11/30/2019	CIBP	5.500	0.000	4,860	0
	CIBP	5.500	0.000	6,350	0

Cement Plug Summary

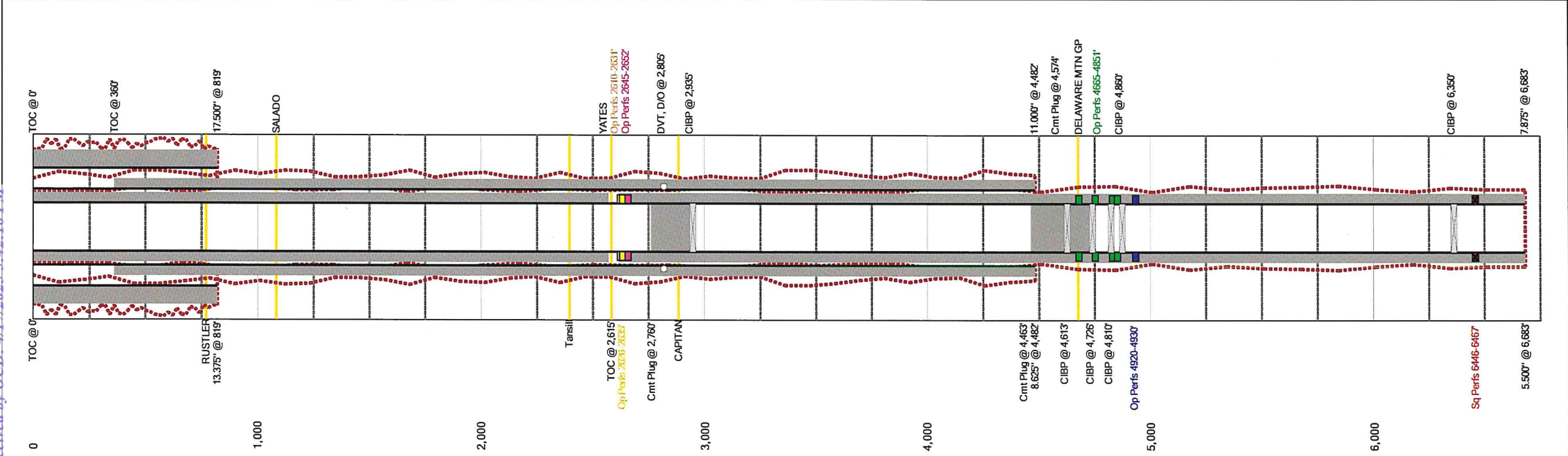
Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	25	5.500	2,760	2,935	
	25	5.500	4,463	4,613	
	25	5.500	4,574	4,726	

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
	7/7/2020	Open		2,610	2,631	50
	6/11/2020	Open		2,620	2,635	
	7/9/2020	Open		2,645	2,652	
	11/30/2019	Open		4,665	4,851	
	2/12/2014	Open		4,920	4,930	
		Squeezed		6,446	6,467	

Formation Tops Summary

Formation	Top (TVD ft)	Comments
RUSTLER	770	
SALADO	1,083	
Tansill	2,395	
YATES	2,583	
CAPTAN	2,885	
DELAWARE MTN GP	4,676	



Last Updated: 2/10/2021 02:41 PM

C	Date	Perf. Status		Formation		Comments	
		Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
		2,620	2,635				
C	Date	Perf. Status		Formation		Comments	
		Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
		2,645	2,652				

Formation Top Summary

Formation Name	Top(TVD ft)	Comments
RUSTLER	770	
SALADO	1,083	
Tansill	2,395	
YATES	2,583	
CAPITAN	2,885	
DELAWARE MTN GP	4,676	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 452630

CONDITIONS

Operator: SHACKELFORD OIL CO 11417 W County Rd 33 Midland, TX 79707	OGRID: 20595
	Action Number: 452630
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	This well was plugged and abandoned February 2021 without notification to or approval by NMOCD. This NOI submission is approved, however NMOCD may evaluate this P&A for enforcement at it's descretion.	5/6/2025