

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

07/12/2022

Well Name: LEBOW	Well Location: T19S / R30E / SEC 25 / NESE /	County or Parish/State: EDDY / NM
Well Number: 6	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM06767	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001504634	Well Status: Abandoned	Operator: SHACKELFORD OIL COMPANY

Notice Of Intent**Type of Submission:** Notice Of Intent**Type of Action** Plug and Abandonment**Date Sundry Submitted:** 11/17/2020**Disposition:** Approved**Disposition Date:** 11/18/2020

Remarks: CHRISTOPHER WALLS:APPROVAL:2020-11-18 Request to P&A1. SET CIBP AT 1900' PUMP 25 sxs OF CLASS C CEMENT 2. TAG CEMENT AND PRESSURE TEST CASING TO 500 PSI 3. PERF AT 740 ATTEMPT TO SQUEEZE CEMENT TO 515. woe AND TAG 4. PERF AT 60' AND SQUEEZE 10 SKS 5. DIG OUT AND CUT WELL HEAD BELOW GROUND LEVEL, WELD BELOW GROUND LEVEL, DRY HOLE MAKER TO CASING 6. RECLAIM LOCATION AND SEED LONG VO:APPROVAL:2020-11-18 See Attached COA and Reclamation Procedure. See comments in attachment.

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018SUNDRY 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. NM06767
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		8. Well Name and No. LEBOW FEDERAL #6
3b. Phone No. (include area code) (432) 682-9784		9. API Well No. 30-015-04634
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC 25 T19S R30E 2310 FSL & 660 FEL		10. Field and Pool or Exploratory Area HACKBERRY SEVEN RIVERS
		11. Country or Parish, State EDDY 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 recomple 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 performed 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 recomple 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 determined that the site is ready for final inspection.)

1. SET CIBP AT 1900' PUMP 25 SXS OF CLASS C CEMENT
2. TAG CEMENT AND PRESSURE TEST CASING TO 500 PSI
3. PERF AT 748' ATTEMPT TO SQUEEZE CEMENT TO 536' WOC AND TAG (674' - 526') 15 SX spot
4. PERF AT 68' AND SQUEEZE 10 SXS 515' to surface (Cin/out) 125 SX to surface Verify @ surface
5. DIG OUT AND CUT WELL HEAD BELOW GROUND LEVEL, WELD BELOW GROUND LEVEL, DRY HOLE MAKER TO CASING
6. RECLAIM LOCATION AND SEED

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Brady Shackelford		Title CFO
Signature <i>[Signature]</i>		Date 11/17/2020

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Leng Vo <i>[Signature]</i>		Title Petroleum Engineer	Date 11/18/2020
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 CFO	

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)

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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6. If Indian, Allottee or Tribe Name

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7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No. LEBOW FEDERAL #6

2. Name of Operator SHACKELFORD OIL CO

9. API Well No. 30-015-04634

3a. Address 11417 W COUNTY RD 33
MIDLAND TX 797073b. Phone No. (include area code)
(432) 682-978410. Field and Pool or Exploratory Area
HACKBERRY SEVEN RIVERS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC 25 T19S R30E 2310 FSL & 660 FEL

11. Country or Parish, State
EDDY COUNTY, NM

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<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	

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1. SET CIBP AT 1900' PUMP 25 SXS OF CLASS C CEMENT

2. TAG CEMENT AND PRESSURE TEST CASING TO 500 PSI

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4. PERF AT 68' AND SQUEEZE 10 SXS

5. DIG OUT AND CUT WELL HEAD BELOW GROUND LEVEL, WELD BELOW GROUND LEVEL, DRY HOLE MAKER TO CASING

6. RECLAIM LOCATION AND SEED

(674' - 526') 15 SX spot
515' to surface (3 in/out) 125 SX to surface verify @ surface

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Brady Shackelford

Title CFO

Signature

Date 11/17/2020

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Leng Vo

Title Petroleum Engineer

Date 11/18/2020

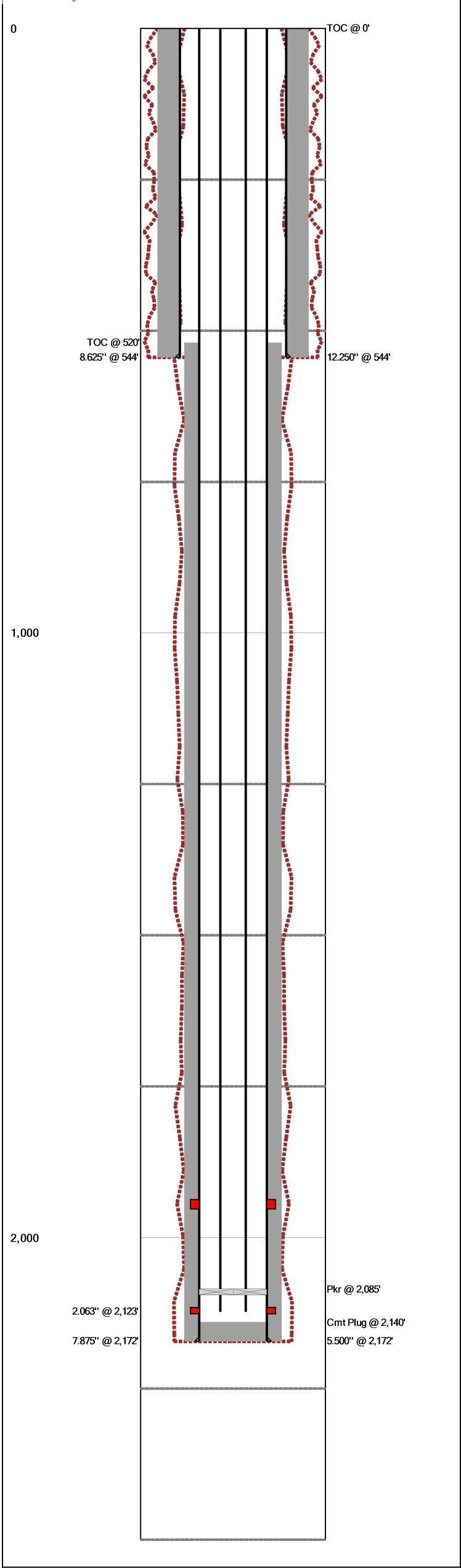
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APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
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ATTACHED



Last Updated: 11/16/2020 04:19 PM

Field Name		Lease Name		Well No.	
Hackberry Seven Rivers		Lebow Federal		6	
County		State		API No.	
Eddy		New Mexico		30015046340000	
Version	Version Tag				
1	Current				
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey	
		25	19S	30E	
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	
2310	FSL	660	FEL		
Prop Num			Spud Date	Comp. Date	
			11/12/1961	11/18/1961	
Additional Information					
Other 1		Other 2		Other 4	
Prepared By		Updated By		Last Updated	
Shackelford		Shackelford		11/16/2020 4:19 PM	

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	12.250	0	544	
	7.875	0	2,172	

Tubular Summary						
Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Surface Casing	8.625	24.70		0	544
	Production Casing	5.500	15.50	J-55	0	2,172
	Tubing	2.063			0	2,123

Casing Cement Summary						
C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		350	8.625	0	544	Cement Circulated to Surface
		300	5.500	520	2,172	

Tools/Problems Summary					
Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	Pkr	5.500	0.000	2,085	0

Cement Plug Summary					
Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		5.500	2,140	2,172	Plug Back

Perforation Summary						
C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
		Open		1,937	2,126	

Field Name		Lease Name		Well No.	County	State		API No.		
Hackberry Seven Rivers		Lebow Federal		6	Eddy	New Mexico		30015046340000		
Version	Version Tag				Spud Date		Comp. Date	GL (ft)	KB (ft)	
1	Current				11/12/1961		11/18/1961			
Section	Township/Block		Range/Survey		Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
25	19S		30E		2,310	FSL	660	FEL		
Operator			Well Status			Latitude		Longitude		Prop Num
Shackelford Oil Company			Producer							
Other 1		Other 2			Other 3			Other 4		
Last Updated		Prepared By				Updated By				
11/16/2020 4:19 PM		Shackelford				Shackelford				
Additional Information										

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	12.250	0	544	
	7.875	0	2,172	

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	Comments
	Surface Casing		8.625	24.70		0	544	
	Production Casing		5.500	15.50	J-55	0	2,172	
	Tubing		2.063			0	2,123	

Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		350	1.00	350	8.625	0	544		Cement Circulated to Surface
		300	1.00	300	5.500	520	2,172	250 sxs of regular cement; 50 sxs latex cement	

Tools/Problems Summary

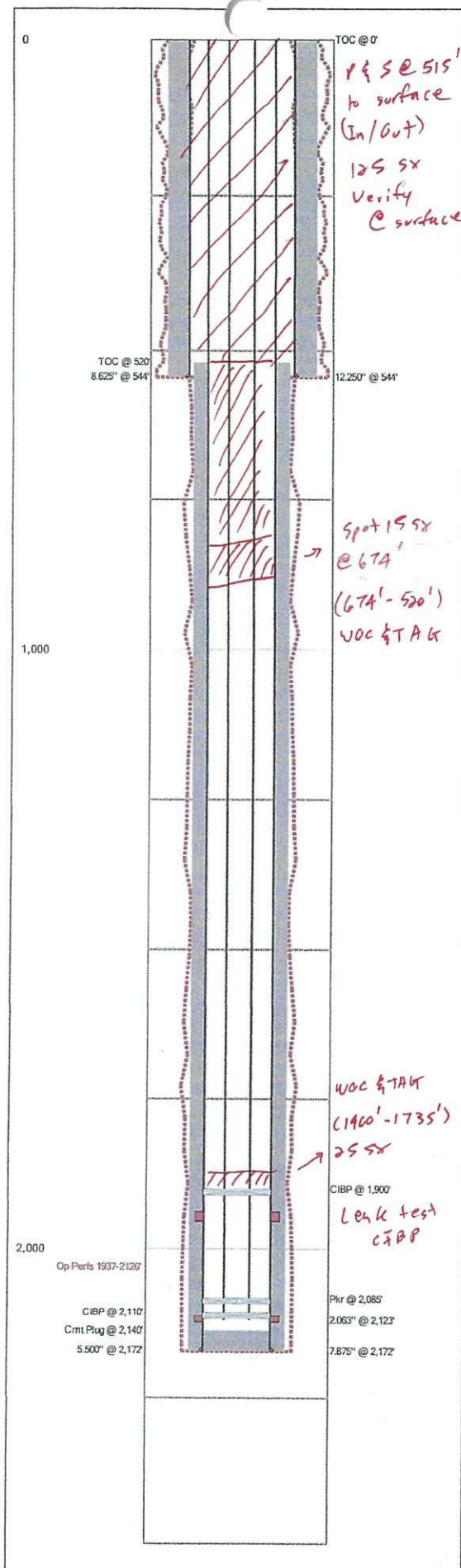
Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	Packer	5.500	0.000	2,085	0		

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		5.500	2,140	2,172	Plug Back

Perforation Summary

C	Date	Perf. Status	Formation		Comments	
		Open				
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
1,937		1,953				
2,116		2,126				



Last Updated: 11/1/2020 01:41 PM

Field Name		Lease Name		Well No.
Hackberry Seven Rivers		Lebow Federal		6
County	State	API No.		
Eddy	New Mexico	30015046340000		
Version	Version Tag			
2	Proposed Plugging			
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
	25	19S		30E
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
2310	FSL	660	FEL	
Prop Num		Spud Date	Comp. Date	
		11/12/1961	11/18/1961	
Additional Information				
Other 1	Other 2	Other 3	Other 4	
Prepared By		Updated By	Last Updated	
Shackelford		Shackelford	11/17/2020 1:41 PM	

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	12.250	0	544	
	7.875	0	2,172	

Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Surface Casing	8.625	24.70		0	544
	Production Casing	5.500	15.50	J-55	0	2,172
	Tubing	2.063			0	2,123

Casing Cement Summary

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		350	8.625	0	544	Cement Circulated to Surface
		300	5.500	520	2,172	

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	CIBP	5.500	0.000	1,900	0
	Pkr	5.500	0.000	2,085	0
	CIBP	5.500	0.000	2,110	0

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		5.500	2,140	2,172	Plug Back

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
		Open		1,937	2,126	

Area: Capitan, Medium Cave, Secretary

Salt Top @ 624'

Yates @ 1864'

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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 125565

CONDITIONS

Operator: SHACKELFORD OIL CO 11417 W County Rd 33 Midland, TX 79707	OGRID: 20595
	Action Number: 125565
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	7/15/2022