



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

## Sundry Print Report

02/19/2025

Well Name: LUSK FEDERAL	Well Location: T19S / R32E / SEC 20 / SENE / 32.8488435 / -103.7608458	County or Parish/State: LEA / NM
Well Number: 8A	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC085710A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002530494	Operator: SHACKELFORD OIL COMPANY	

### Subsequent Report

Sundry ID: 2830437  
Type of Submission: Subsequent Report  
Date Sundry Submitted: 01/07/2025  
Date Operation Actually Began: 10/03/2017  
Type of Action: Drilling Operations  
Time Sundry Submitted: 12:39

Actual Procedure: See Attached.

### SR Attachments

PActual Procedure

[Lusk\\_Federal\\_A\\_8\\_BLM\\_SR\\_052018\\_20250107123844.pdf](#)

### BLM Point of Contact

BLM POC Name: LONG VO	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5759885402	BLM POC Email Address: LVO@BLM.GOV
Disposition: Accepted	Disposition Date: 01/10/2025
Signature: Long Vo	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010**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.**5. Lease Serial No.  
LC-065710-A

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
SHACKELFORD OIL CO3a. Address  
11417 W COUNTY RD 33  
MIDLAND TX 797073b. Phone No. (include area code)  
432-682-9784

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

8. Well Name and No.  
LUSK FEDERAL A #89. API Well No.  
30-025-3049410. Field and Pool or Exploratory Area  
LUSK, DELAWARE WEST4. Location of Well (Footage Sec., T., R., M., or Survey Description)  
1650 FNL & 330 FEL SEC 20 T19S R32E11. Country or Parish, State  
LEA

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<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 checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other RE ENTRY
	<input type="checkbox"/> Change Plans	<input 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 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 recompletion 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.)

SEE ATTACHED

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

Title CFO

Signature 

Date

5/14/2018

**THIS 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)

## LUSK 8A

10/3/17 – MOVE IN EQUIPMENT

10/16/17 – RU BOP TESTED TO 3000PSI – HELD GOOD- DRILLED SURFACE PLUG OUT TO 64' – TESTED CASING TO 1000PSI M- TESTED GOOD

10/17/17 – GIH TAG PLUG AT 747' – DRILLED TO 848'

10/18/17 – DRILL FROM 848-1014' OUT OF CEMENT – 1 PLUG – TAGGED PLUG AT 2035'

10/24/17 – DRILLING FROM 2035' – 2048'

10/25/17 – DRILLING FROM 2048' – 2222' OUT OF PLUG – TAGGED NEXT PLUG AT 2442'

10/26/17 – DRILLED FROM 2442' – 2458'

10/27/17 – DRILLED TO 2585' SDF WEEKEND

10/30/17 – DRILL FROM 2585' – 2842'

10/31/17 – DRILL FROM 2842' – 3150'

11/1/17 – DRILL FROM 3150' – 3244' OUT OF PLUG – TAGGED NEXT PLUG AT 4385' SDFD

11/2/17 – DRILL FRO, 4385'– 4452' – SDFD

11/3/17 – DRILL FROM 4452'-4520' – SFF WEEKEND

11/6/17 – DRILL FROM 4520'-4644'

11/7/17 – DRILL FROM 4644'-4909'

11/8/17 – DRILL FROM 4909'-4967' – CIRCULATE WELL CLEAN – RU WIRELINE TRUCK – RUN CBL

11/9/17 – WAIT ON ORDER

11/10/17 – WAIT ON ORDER

11/17/17 – DRILL FROM 4970' OUT OF CEMENT AT 5120' – TAGGED BOTTOM AT 5450' – SDF WEEKEND

11/20/17 – SDFD

11/21/17 – DRILL FROM 5452'-5695' – CIR. CLEAN

11/22/17 – SET CIBD AT 5690' – SDFD

11/27/17 – PERF WELL @ 5640' TO 5650' – ACIDIZE W/1500 GALLONS AT 48BPM @ 2150PSI – ISIP  
1320PSI 15 MIN 1132 PSI

11/28/17 – NO FLUID ENTRY

11/29/17 – SET CIBP @ 5600' – BAILED 35' CEMENT ON TOP – RENEGADE WIRELINE – SET CIBP @ 4962' U/10' CEMENT – PERFS @ 4936'-4944' – RD WIRELINE

11/30/17 – SET PACKER @ 4835' – ACIDIZE 1000 GALLONS – SWABBED BACK LOAD – ALL WATER

12/4/17 – FLUID LEVEL @ 1600' – MADE 20 SWAB RUNS – 1% CUT

12/6/17 – RIH W/CIBP – SET PLUG AT 4930' - BAIL 35' CEMENT ON TOP

3/1/18 – RU WIRELINE – PERF AS FOLLOWS:

2750'-2758'

2740'-2744'

2708'-2717'

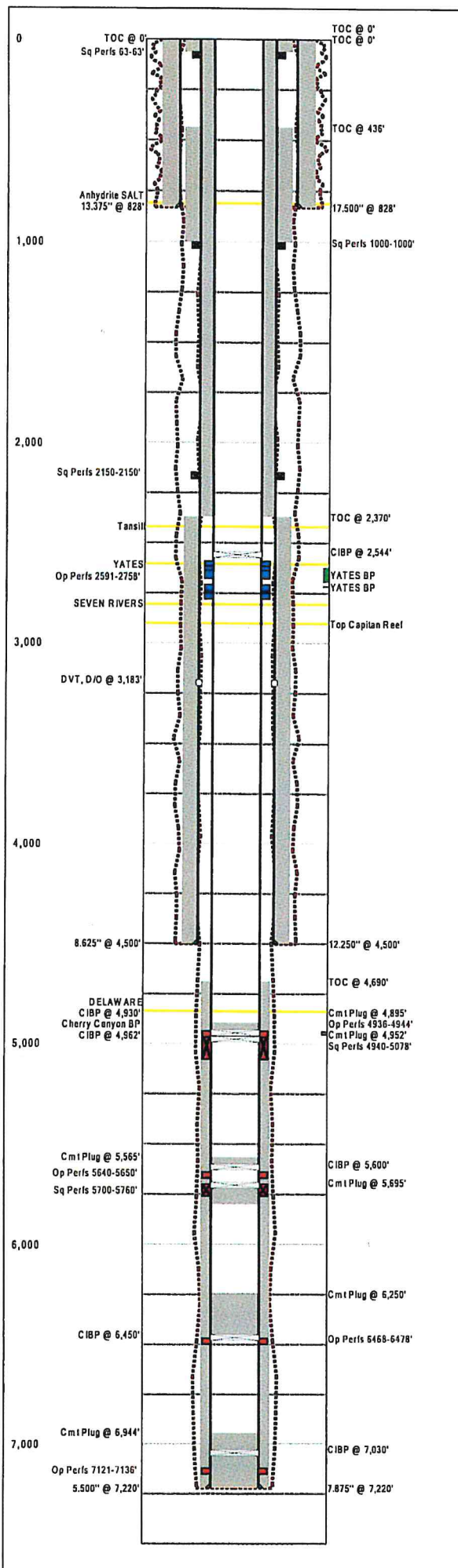
2637'-2678'

2616'-2620'

2591'-2601'

ACIDIZE AT 28BPM 4000 GALLONS

5/1/2018 – RIH W/ CIBP – SET AT 2544' – TESTED CASING TO 500 PSI – HELD GOOD – WITNESSED BY BLM



www.WellShadow.com

Last Updated: 1/7/2025 12:51 PM

Field Name		Lease Name		Well No.
Lusk West Delaware		Lusk Federal A		8
County		State	API No.	
Lea		New Mexico	30025304940000	
Version	Version Tag			
3	Updated Current			
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
		20	19S	32E
Operator		Well Status	Latitude	Longitude
Shackelford Oil Company		Shut In		
Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From
1651	FNL	330	FEL	
Prop Num			Spud Date	Comp. Date
			11/17/1988	2/17/1989
Additional Information				
Name change from Lusk West Delaware Unit #8				
Updated 1/10/2020 Preparing to P&A				
Other 1	Other 2	Other 3	Other 4	
Prepared By		Updated By	Last Updated	
Shackelford		Shackelford	1/7/2025 12:51 PM	

## Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	828	
	12.250	0	4,500	
	7.875	0	7,220	

## Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
11/24/1988	Surface Casing	13.375	48.00	H-40	0	828
11/30/1988	Intermediate Casing	8.625	24.00	J-55	0	4,500
6/10/2017	Production Casing	5.500	15.50	K-55	0	2,100
12/9/1988	Production Casing	5.500	17.00	K-55	2,100	2,675
12/9/1988	Production Casing	5.500	17.00	K-55	2,675	2,924
12/9/1988	Production Casing	5.500	15.50	K-55	2,924	7,220

## Casing Cement Summary

C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	11/24/1988	1,400	13.375	0	828	Class C
	3/15/2011	0	8.625	0	63	circulated 50 sx cement
	3/15/2011	125	8.625	436	1,000	estimated
	11/30/1988	700	8.625	2,370	4,500	
	6/10/2017	371	5.500	0	2,370	
	12/12/1988	600	5.500	4,690	7,220	

## Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
5/1/2018	CIBP	5.500	0.000	2,544	0
	DVT, D/O	7.875	0.000	3,183	0
12/6/2017	CIBP	5.500	0.000	4,930	0
11/29/2017	CIBP	5.500	0.000	4,962	0
11/29/2017	CIBP	5.500	0.000	5,600	0
11/22/2017	CIBP	5.500	0.000	5,690	0
3/3/2011	CIBP	5.500	0.000	6,450	0
11/11/1989	CIBP	5.500	0.000	7,030	0

## Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
12/6/2017		5.500	4,895	4,930	
11/29/2017		5.500	4,952	4,962	
11/29/2017		5.500	5,565	5,600	
11/21/2017	25	5.500	5,695	5,800	Drilled out plug from 5452-5695
3/4/2011	25	5.500	6,250	6,450	
		5.500	6,944	7,220	

## Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
	3/15/2011	Squeezed		63	63	
	3/15/2011	Squeezed		1,000	1,000	
	3/15/2011	Squeezed		2,150	2,150	
	3/1/2018	Open		2,591	2,758	
	11/29/2017	Open		4,936	4,944	
	12/30/1993	Squeezed		4,940	5,078	

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
		Open		5,640	5,650	40
	12/15/1993	Squeezed		5,700	5,760	
	1/12/1989	Open		6,468	6,478	
	1/6/1989	Open		7,121	7,136	

Formation Tops Summary

Formation	Top (TVD ft)	Comments
Anhydrite SALT	812	
Tansill	2,422	
YATES	2,607	
SEVEN RIVERS	2,808	
Top Capitan Reef	2,903	
DELAWARE	4,840	

Field Name		Lease Name		Well No.	County	State	API No.	
Lusk West Delaware		Lusk Federal A		8	Lea	New Mexico	30025304940000	
Version	Version Tag				Spud Date	Comp. Date	GL (ft)	KB (ft)
3		Updated Current			11/17/1988	2/17/1989		
Section	Township/Block	Range/Survey	Dist. N/S (ft)	N/S Line	Dist. E/W (ft)	E/W Line	Footage From	
20	19S	32E	1,651	FNL	330	FEL		
Operator			Well Status		Latitude	Longitude	Prop Num	
Shackelford Oil Company			Shut In					
Other 1		Other 2		Other 3			Other 4	
Last Updated		Prepared By			Updated By			
01/07/2025 12:51 PM		Shackelford			Shackelford			

## Additional Information

Name change from Lusk West Delaware Unit #8  
Updated 1/10/2020 Preparing to P&A

## Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	828	
	12.250	0	4,500	
	7.875	0	7,220	

## Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	Comments
11/24/1988	Surface Casing		13.375	48.00	H-40	0	828	
11/30/1988	Intermediate Casing		8.625	24.00	J-55	0	4,500	
6/10/2017	Production Casing		5.500	15.50	K-55	0	2,100	
12/9/1988	Production Casing		5.500	17.00	K-55	2,100	2,675	
12/9/1988	Production Casing		5.500	17.00	K-55	2,675	2,924	
12/9/1988	Production Casing		5.500	15.50	K-55	2,924	7,220	

## Casing Cement Summary

C	Date	No. Sx	Yield (ft <sup>3</sup> /sk)	Vol. (ft <sup>3</sup> )	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
	11/24/1988	1,400	.00	1,400	13.375	0	828		Class C
	3/15/2011	0	.00	25	8.625	0	63		circulated 50 sx cement
	3/15/2011	125	.00		8.625	436	1,000		estimated
	11/30/1988	700	.00	700	8.625	2,370	4,500		
	6/10/2017	371	1.26	467	5.500	0	2,370		
	12/12/1988	600	.00	600	5.500	4,690	7,220		

## Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
5/1/2018	Cast Iron Bridge Plug	5.500	0.000	2,544	0	500 PSI witnessed by BLM	
	DV tool (drilled out)	7.875	0.000	3,183	0		
12/6/2017	Cast Iron Bridge Plug	5.500	0.000	4,930	0	35' cement on top	
11/29/2017	Cast Iron Bridge Plug	5.500	0.000	4,962	0	10' cement on top	
11/29/2017	Cast Iron Bridge Plug	5.500	0.000	5,600	0	35' cement on top	
11/22/2017	Cast Iron Bridge Plug	5.500	0.000	5,690	0		
3/3/2011	Cast Iron Bridge Plug	5.500	0.000	6,450	0		
11/11/1988	Cast Iron Bridge Plug	5.500	0.000	7,030	0	4 sx cement on top	

## Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
12/6/2017		5.500	4,895	4,930	
11/29/2017		5.500	4,952	4,962	
11/29/2017		5.500	5,565	5,600	
11/21/2017	25	5.500	5,695	5,800	Drilled out plug from 5452-5695
3/4/2011	25	5.500	6,250	6,450	
		5.500	6,944	7,220	

## Perforation Summary

C	Date	Perf. Status	Formation		Comments	
	3/15/2011	Squeezed			Pressured up no rate	
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
2,150		2,150				
C	Date	Perf. Status	Formation		Comments	
	3/15/2011	Squeezed			Sqzd 125 sx	
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
1,000		1,000				
C	Date	Perf. Status	Formation		Comments	
	3/15/2011	Squeezed			Circulated 50 sx	
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments

C	Date	Perf. Status	Formation		Comments	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	63	63				
C	Date	Perf. Status	Formation		Comments	
	12/15/1993	Squeezed			Pressured casing to 500# held OK	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	5,700	5,760				
C	Date	Perf. Status	Formation		Comments	
	12/30/1993	Squeezed			attempted sqz 2/8/1994, 2/15/1994, 2/18/1994 did not hold.	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	4,940	5,078				
C	Date	Perf. Status	Formation		Comments	
	1/6/1989	Open				
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	7,121	7,136				
C	Date	Perf. Status	Formation		Comments	
	1/12/1989	Open				
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	6,468	6,478				
C	Date	Perf. Status	Formation		Comments	
		Open				
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	5,640	5,650	4	40		
C	Date	Perf. Status	Formation		Comments	
	11/29/2017	Open			Renegade Wireline	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	4,936	4,944				
C	Date	Perf. Status	Formation		Comments	
	3/1/2018	Open			Acidize at 2 BPM 400 GALS	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	2,591	2,601				
	2,616	2,620				
	2,637	2,678				
	2,708	2,717				
	2,740	2,744				
	2,750	2,758				

## Formation Top Summary

Formation Name	Top(TVD ft)	Comments
Anhydrite SALT	812	
Tansill	2,422	
YATES	2,607	
SEVEN RIVERS	2,808	
Top Capitan Reef	2,903	
DELAWARE	4,840	

## Behind Pipe Summary

C	Formation Name	Top (MD ft)	Bottom (MD ft)	Net Pay (ft)	Drain. Area (Acre)	Res. Pres. (psi)	Water Sat. (%)	Eff. Por. (%)	EUR Oil (MBO)	EUR Gas (MMCF)	Comments
	YATES	2,624	2,696	0	0	0	0.0%	0.0%	0	0	
	YATES	2,714	2,722	0	0	0	0.0%	0.0%	0	0	
	Cherry Canyon	4,936	4,958	0	0	0	0.0%	0.0%	0	0	4950' Zone

## Well History Summary

Date	Comments
3/5/2011	Attempt to cut and pull 5 1/2" casing @ 4527', not free, pressured up on casing 1500#.
3/6/2011	Attempt to cut 5 1/2" casing @ 3224', not free
3/8/2011	Attempt to cut 5 1/2" casing @ 2878', not free, pressure up to 500#
3/9/2011	Ran free point tool casing free @ 2100', 50% free @ 2150', 100% stuck @ 2200'
3/10/2011	Cut 5 1/2" casing @ 2100', pulled casing at 2100'
3/11/2011	Attempt to spear 5 1/2" casing, free @ 2100' to 2878', unsuccessful

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/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 433620

CONDITIONS

Operator: SHACKELFORD OIL CO 11417 W County Rd 33 Midland, TX 79707	OGRID: 20595
	Action Number: 433620
	Action Type: [C-103] Sub. (Re)Completion Sundry (C-103T)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	3/7/2025