

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

Sundry Print Reports

Well Name: LAGUNA DEEP UNIT

FEDERAL 35

Well Number: 1H

Well Location: T19S / R33E / SEC 35 /

NESE / 32.6157601 / -103.62639

Type of Well: OIL WELL

County or Parish/State: LEA /

NM

Allottee or Tribe Name:

Lease Number: NMNM27572

Unit or CA Name: CONSOLIDATED

BONE SPRING FMN

Unit or CA Number:

NMNM70966F

US Well Number: 3002539946

Operator: SHACKELFORD OIL

COMPANY

Notice of Intent

Sundry ID: 2848904

Type of Submission: Notice of Intent

Date Sundry Submitted: 04/23/2025

Date proposed operation will begin: 06/02/2025

Type of Action: Plug and Abandonment

Time Sundry Submitted: 02:01

Procedure Description: RIH - SET CIBP AT 8998' (KICK OFF POINT) - PUMP 25 SXS CEMENT - WOC - TAG CEMENT AND PRESSURE TEST PUMP 50 SXS CEMENT PLUG AT 8206' (FORMATION PLUG) - WOC - TAG CEMENT - POOH RIH - PUMP 40 SXS CEMENT PLUG AT 5402' (FORMATION PLUG) - WOC - TAG CEMENT - POOH RIH - PUMP 40 SXS CEMENT PLUG AT 4923' (SHOE PLUG) - WOC - TAG CEMENT - POOH RIH - PUMP 35 SXS CEMENT PLUG AT 3626' (FORMATION PLUG) - WOC - TAG CEMENT - POOH RIH - PUMP 35 SXS CEMENT PLUG AT 3242' (FORMATION PLUG) - WOC - TAG CEMENT - POOH RIH - PUMP 35 SXS CEMENT PLUG AT 1396' (FORMATION PLUG) - WOC - TAG CEMENT - POOH RIH - PUMP 30 SXS CEMENT PLUG AT 1396' (FORMATION PLUG) - WOC - TAG CEMENT - POOH RIH - PUMP 30 SXS CEMENT PLUG AT 100' TO SURFACE CUT CASING AND WELD PLATE RECLAIM LOCATION

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Laguna_Deep_Unit_35_1H.schematic.plugging.proposed_20250430092137.pdf

Laguna_Deep_Unit_35_1H.schematic.current_20250430092116.pdf

eived by OCD: 5/2/2025 3:50:05 PM Well Name: LAGUNA DEEP UNIT

FEDERAL 35

Well Location: T19S / R33E / SEC 35 / NESE / 32.6157601 / -103.62639

County or Parish/State: LEA/ 2 of

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM27572

Unit or CA Name: CONSOLIDATED

BONE SPRING FMN

Unit or CA Number: NMNM70966F

US Well Number: 3002539946

Operator: SHACKELFORD OIL

COMPANY

Conditions of Approval

Specialist Review

Laguna Deep Unit Federal 35 1H Sundry ID 2848904 P A 20250502141639.pdf

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: BRADY SHACKELFORD Signed on: APR 30, 2025 09:21 AM

Name: SHACKELFORD OIL COMPANY

Title: Controller

Street Address: 11417 W COUNTY RD 33

City: MIDLAND State: TX

Phone: (432) 682-9784

Email address: BRADY@CHOCTAWSERVICES.COM

Field

Representative Name: Art Marquez Street Address: 3212 N Enterprise Dr

City: Hobbs State: NM **Zip:** 88240

Phone: (575)405-1334

Email address: amarquez201953@gmail.com

BLM Point of Contact

Signature: Long Vo

BLM POC Name: LONG VO BLM POC Title: Petroleum Engineer

BLM POC Phone: 5759885402 BLM POC Email Address: LVO@BLM.GOV

Disposition: Approved Disposition Date: 05/02/2025

Page 2 of 2

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 202

BURI	EAU OF LAND MANAGEMENT		5. Lease Seriai No.					
Do not use this f	OTICES AND REPORTS ON Vorm for proposals to drill or to Use Form 3160-3 (APD) for su	o re-enter an	6. If Indian, Allottee or Tribe Name					
	FRIPLICATE - Other instructions on page		7. If Unit of CA/Agreement, 1	Name and/or No.				
1. Type of Well	THE INSTITUTIONS OF PAG	Je 2	8. Well Name and No.					
Oil Well Gas W	Vell Other		8. Well Ivalle and Ivo.					
2. Name of Operator			9. API Well No.					
3a. Address	3b. Phone No.	(include area code)	10. Field and Pool or Explora	tory Area				
4. Location of Well (Footage, Sec., T.,R	.,M., or Survey Description)		11. Country or Parish, State					
12. CHE	CK THE APPROPRIATE BOX(ES) TO IN	DICATE NATURE	OF NOTICE, REPORT OR OT	HER DATA				
TYPE OF SUBMISSION		TYP	E OF ACTION					
Notice of Intent	Acidize Deep Alter Casing Hyd	pen raulic Fracturing	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity				
Subsequent Report	Casing Repair New	Construction	Recomplete	Other				
Final Abandonment Notice	= ' = '	and Abandon Back	Temporarily Abandon Water Disposal					
is ready for final inspection.)	ices must be filed only after all requiremen	is, including reclama	ation, have been completed and	the operator has detennined that the site				
14. I hereby certify that the foregoing is	true and correct. Name (Printed/Typed)	Tid						
		Title						
Signature		Date						
	THE SPACE FOR FED	ERAL OR STA	ATE OFICE USE					
Approved by		Title		Date				
	ned. Approval of this notice does not warrar quitable title to those rights in the subject leduct operations thereon.							
Title 18 U.S.C Section 1001 and Title 43	B U.S.C Section 1212, make it a crime for a	ny person knowingl	y and willfully to make to any d	epartment 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

(Form 3160-5, page 2)

Additional Information

Additional Remarks

RECLAIM LOCATION

Location of Well

 $0. \ SHL: \ NESE \ / \ 2310 \ FSL \ / \ 330 \ FEL \ / \ TWSP: \ 19S \ / \ RANGE: \ 33E \ / \ SECTION: \ 35 \ / \ LAT: \ 32.6157601 \ / \ LONG: \ -103.62639 \ (\ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \)$ $BHL: \ NWSW \ / \ 2310 \ FSL \ / \ 330 \ FWL \ / \ TWSP: \ 19S \ / \ RANGE: \ 33E \ / \ SECTION: \ 35 \ / \ LAT: \ 0.0 \ / \ LONG: \ 0.0 \ (\ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \)$

Received by OCD: 5/2/2025 2:50:05 PM RUSTLER 13.375" @ 1,375 1,000 Cmt Plug @ 1,282' 17.500'' @ 1,375' Cmt Plug @ 1,601' 2,000 3,000 Cmt Plug @ 3,111' YATES Cmt Plug @ 3,490' CAPITAN 4,000 Cmt Plug @ 4,773' 9.625'' @ 4,873' 12.250" @ 4,873 5,000 Cmt Plug @ 5,249' DELAWARE 6,000 7,000 (6,999) 8,000 Cmt Plug @ 8,019 (7,999) BONE SPRING Cmt Plug @ 8,904 9,000 CIBP @ 8,998' (8,999)8.750" @ 9,739 7.000" @ 9,739 10,000 (9,415) 11,000 (9,388) 12,000 (9,348) Op Perfs 11515-13430' 13,000 (9,330) 4.500" @ 13,499 6.125'' @ 13,499' 14,000 (9,346)

Last Updated: 4/23/2025 11:37 AM

		sion ⁻	Tag	State New I		Feder	al 35		APIN	1H lo.	
Lea Version	2 P&/	4	Tag	New I		0				lo.	
Version	2 P&/	4	Tag		Mexic	0					
	2 P&/	4	Tag	l					3002	5399460000	
		·									
GL (ft)	KB (ft)										
			Sec	tion	Tow	nship/	Bloc	k	Rang	je/Survey	
			35		19S				33E		
Operator				Well	Statu	ıs	Lati	tude	1	Longitude	
Shackelford (Oil Cor	npan	у								
Dist. N/S (ft)) N/S	Line	C	ist. E	/W (fi) E/W	Line	Fo	otage	From	
2310	0 FSL				33	0 FEL					
Prop Num					Spud Dat				Co	mp. Date	
Additional Ir	nforma	tion									
Other 1		Othe	Other 2			Other	3		Ot	her 4	
Prepared By	1		Up	dated	ted By			Last Updated			
Shackelford			Sha	ackelfo	elford				4/23/2025 11:37 AM		

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	1,375	
	12.250	0	4,873	
	8.750	0	9,739	
	6.125	9,153	13,499	

Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Surface Casing	13.375	54.50		0	1,375
	Intermediate Casing	9.625	40.00		0	4,873
	Production Casing	7.000	26.00		0	9,739
	Production Casing	4.500	11.60		9,153	13,499

Casing Cement Summary

С	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		1,230	` '	` ,	` '	Circulated to Surface
		2,100	9.625	0	4,873	Circulated to Surface
		2,475	7.000	0	9,739	Circulated to Surface
		425	4.500	9,153	13,499	

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	CIBP	7.000	0.000	8,998	0

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	30	7.000	0	100	
	30	7.000	1,282	1,396	
	35	7.000	1,601	1,732	Proposed
	35	7.000	3,111	3,242	Proposed
	35	7.000	3,490	3,626	Proposed
	40	7.000	4,773	4,923	Proposed
	40	7.000	5,249	5,402	Proposed
	50	7.000	8,019	8,206	Proposed
	25	7.000	8,904	8,998	Proposed

Perforation Summary

С	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
		Open		11,515	13,430	101

Formation Tops Summary

Formation	Top (TVD ft)	Comments
RUSTLER	1,346	
SALT	1,682	
YATES	3,192	
CAPITAN	3,576	
DELAWARE	5,352	
BONE SPRING	8,156	

Received by OCD: 5/2/2025 2:50:05 PM Last Updated: 4/23/2025 11:37 AM

Field Nam	е		Lease	e Name		Well No. County		State		9	API N	API No. 30025399460000		
Teas Bone	Spr	rings	Legur	na Federal 35	I 35 1H		Lea			New N				30025
Version Tag					I		Spud Date		pud Date C		e GL (ft))	KB (ft)	
	2	P&A												
Section	To	Township/Block Range/Surv			у	Dist. N/S (ft)	N/S Lir	пе	Dist. E/W	(ft)	E/W Line	Footage	ootage From	
35	19	19S 33E				2,310	FSL	SL		330 F				
Operator	Operator			l.	Well Status	•	Lat		itude		Longitude	u.	Prop Num	
Shackelfor	d Oi	I Company												
Other 1			0	ther 2	•	Other 3	}				Other	4		
Last Upda	ited			Prepared By					Updated	Ву				
04/23/2025 11:37 AM Shackelford			b				Shackelford							
Additiona	l Info	ormation		I					1					

Hole Summary

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	, ,	1,375	
	12.250	0	4,873	
	8.750	0	9,739	
	6.125	9,153	13,499	

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	Comments
	Surface Casing		13.375	54.50		0	1,375	
	Intermediate Casing		9.625	40.00		0	4,873	
	Production Casing		7.000	26.00		0	9,739	
	Production Casing		4.500	11.60		9,153	13,499	

Casing Cement Summary

(3	Date	No.	Yield	Vol.	Csg.	Тор	Bottom	Description	Comments
			Sx	(ft3/sk)	(ft3)	O.D. (in)	(MD ft)	(MD ft)		
			1,230	1.00	1,230	13.375	0	1,375		Circulated to Surface
			2,100	1.00	2,100	9.625	0	4,873		Circulated to Surface
			2,475	1.00	2,475	7.000	0	9,739		Circulated to Surface
			425	1.00	425	4.500	9,153	13,499		

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
		(111)	(111)	(IVID IL)	(IVID IL)		
	Cast Iron Bridge Plug	7.000	0.000	8,998	0	KOP	

Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	30	7.000	0	100	
	30	7.000	1,282	1,396	
	35	7.000	1,601	1,732	Proposed
	35	7.000	3,111	3,242	Proposed
	35	7.000	3,490	3,626	Proposed
	40	7.000	4,773	4,923	Proposed
	40	7.000	5,249	5,402	Proposed
	50	7.000	8,019	8,206	Proposed
	25	7.000	8,904	8,998	Proposed

Perforation Summary

С	Date	Perf. Status	Forma	ation		Comments
	C	pen				
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments
	11,51	5 13,43	0	101		

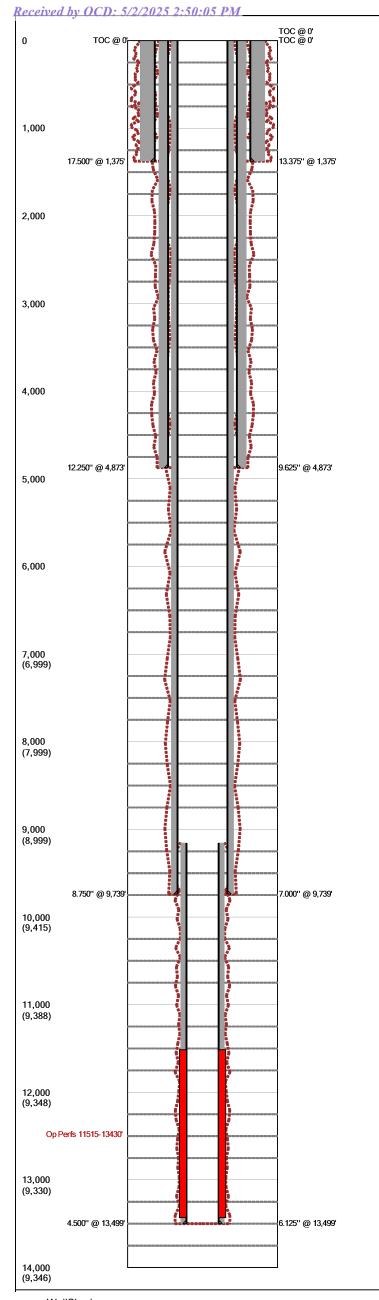
Formation Top Summary

Formation Name	Top(TVD ft)	Comments
RUSTLER	1,346	
SALT	1,682	
YATES	3,192	
CAPITAN	3,576	
DELAWARE	5,352	
BONE SPRING	8,156	

Page 2 of 3

Received by OCD: 5/2/2025 2:50:05 PM Page 8 of 31 Well No. County API No. Version Tag Comp. Date G.L. (ft) Lease Name State Field Name Version Spud Date K.B. (ft) Lea 30025399460000 2 P&A Teas Bone Springs Leguna Federal 35 1H New Mexico Dist. N/S (ft) N/S Line Dist. E/W (ft) E/W Line Footage From Longitude PropNum Sec. Township/Block Range/Survey Latitude Well Status Operator 19S 33E 2310 FSL 330 FEL Shackelford Oil Company **Additional Information** Last Updated **Prepared By** Updated By 4/23/2025 11:37:03 AM Shackelford Shackelford 7,500 8,000 Cmt Plug @ 8,019' BONE SPRING 8,500 True Vertical Depth (ft) 13,499 6.125"@ t Plug @ 8,904' 9,000 9,500 13,499' Perfs 11515-13430' 8.750" @ 9,739' 4.500" 10,000 10,500 250 -500 1,000 1,750 2,500 3,250 4,000 4,750

Vertical Section (ft)



Last Updated: 8/27/2019 02:21 PM

Field Nam	е			L	ease l	Name				Well No.		
Teas Bone	Spi	rings		Le	eguna	Fede	ral 35			1H		
County				State)				API No.			
Lea				New	Mexic	399460000						
Version		Version	Tag						ı			
	1	Current										
GL (ft)	K	3 (ft)	Sec	tion	Tow	nship/	Block		Rang	e/Survey		
			35		19S				33E			
Operator	1		1	Well	Statu	s	Latit	ude		Longitude		
Shackelfor	d Oi	il Compar	ıy									
Dist. N/S	(ft)	N/S Line		Dist. E	/W (ft) E/W	Line	Fo	otage	From		
23	310	FSL			33	0 FEL	-					
Prop Num						Spud	Date		Со	mp. Date		
Additional	Inf	ormation										
Other 1		Oth	er 2		-	Other	. 2		041	ner 4		
Other		Otti	ei z			Other	<u> </u>		Oil	lei 4		
Prepared I	Ву		Up	dated	Ву		L	_ast l	Jpdate	ed		
Shackelfor	d		Sh	ackelfo	ord				8/2	7/2019 2:21 PM		
Hole Sumr	nar	v										

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	1,375	
	12.250	0	4,873	
	8.750	0	9,739	
	6.125	9,153	13,499	

Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Surface Casing	13.375	54.50		0	1,375
	Intermediate Casing	9.625	40.00		0	4,873
	Production Casing	7.000	26.00		0	9,739
	Production Casing	4.500	11.60		9,153	13,499

Casing Cement Summary

С	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		1,230	` '	` ,	` '	Circulated to Surface
		2,100	9.625	0	4,873	Circulated to Surface
		2,475	7.000	0	9,739	Circulated to Surface
		425	4.500	9,153	13,499	

Perforation Summary

	С	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
ı			Open		11,515	13,430	101

Received by OCD: 5/2/2025 2:50:05 PM Last Updated: 8/27/2019 02:21 PM

Field Nan	пе	Lease Name		Well No.	Cou	nty	S	tate		API No.		
Teas Bon	e Springs	Leguna Federal 35	Federal 35		Lea	Lea		New Mexico		30025	30025399460000	
Version	Version Tag	1			-		Spud Date		Comp. Dat	e GL (ft)	KB (ft)	KB (ft)
	1 Current											
Section	Township/Block	Range/Surve	Э у	Dist. N/S (ft)	N/S L	ine	Dist. E/W (ft) E	E/W Line	Footage	From	
35	19S	33E		2,310	FSL		3	30 F	EL			
Operator		<u> </u>	Well Status	1		Latit	ude	L	_ongitude		Prop N	lum
Shackelfo	rd Oil Company											
Other 1		Other 2		Other	3				Other	4		
Last Upd	ated	Prepared By	,				Updated E	Зу				
08/27/201	9 2:21 PM	Shackelford					Shackelfor	ď				
Additions	I Information											

Hole Summary

Date	O.D. (in)	Тор	Bottom	Comments
		(MD ft)	(MD ft)	
	17.500	0	1,375	
	12.250	0	4,873	
	8.750	0	9,739	
	6.125	9,153	13,499	

Tubular Summary

Date	Description	No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	Comments
	Surface Casing		13.375	54.50		0	1,375	
	Intermediate Casing		9.625	40.00		0	4,873	
	Production Casing		7.000	26.00		0	9,739	
	Production Casing		4.500	11.60		9,153	13,499	

Casing Cement Summary

(Date	No.	Yield	Vol.	Csg.	Тор	Bottom	Description	Comments
		Sx	(ft3/sk)	(ft3)	O.D. (in)	(MD ft)	(MD ft)		
		1,230	1.00	1,230	13.375	0	1,375	Class C	Circulated to Surface
		2,100	1.00	2,100	9.625	0	4,873	Class C	Circulated to Surface
		2,475	1.00	2,475	7.000	0	9,739	Class H	Circulated to Surface
		425	1.00	425	4.500	9,153	13,499	Class H	

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments

Perforation Summary

C	Date	Perf. Status	Form	ation		Comments			
	Open								
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments			
	11,5	15 13,430	D	101					

Page 2 of 3

Received by OCD: 5/2/2025 2:50:05 PM Page 11 of 31 K.B. (ft) Well No. County API No. Version Version Tag Comp. Date G.L. (ft) Lease Name State Field Name Spud Date Lea 30025399460000 Teas Bone Springs Leguna Federal 35 1H New Mexico Current Dist. N/S (ft) N/S Line Dist. E/W (ft) E/W Line Footage From Range/Survey Longitude PropNum Sec. Township/Block Latitude Well Status Operator 2310 FSL 330 FEL 19S 33E Shackelford Oil Company **Additional Information** Last Updated **Prepared By** Updated By 8/27/2019 2:21:23 PM Shackelford Shackelford 7,500 8,000 8,500 13,499 True Vertical Depth (ft) 6.125"@ 9,000 9,500 13,499' Perfs 11515-13430' 8.750" @ 9,739 4.500" 10,000

2,500

Vertical Section (ft)

3,250

4,000

250

1,000

1,750

10,500

-500

4,750

Page 12 of 31

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

Well Name: LAGUNA DEEP UNIT

FEDERAL 35

Well Location: T19S / R33E / SEC 35 /

NESE / 32.6157601 / -103.62639

County or Parish/State: LEA /

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM27572

US Well Number: 3002539946

Unit or CA Name: CONSOLIDATED

BONE SPRING FMN

Unit or CA Number: NMNM70966F

Operator: SHACKELFORD OIL

COMPANY

Notice of Intent

Sundry ID: 2848904

Type of Action: Plug and Abandonment Type of Submission: Notice of Intent

Date Sundry Submitted: 04/23/2025 Time Sundry Submitted: 02:01

Date proposed operation will begin: 06/02/2025

Procedure Description: RIH - SET CIBP AT 8998' (KICK OFF POINT) - PUMP 25 SXS CEMENT - WOC - TAG CEMENT AND PRESSURE TEST PUMP 50 SXS CEMENT PLUG AT 8206' (FORMATION PLUG) - WOC - TAG CEMENT - POOH RIH - PUMP 40 SXS See Attached **\TION PLUG) - WOC - TAG CEMENT -**C - TAG CEMENT - POOH RIH - PUMP 35 SXS CEMENT PLUG AT 3626' (FORM for Revised Procedure NT - POOH RIH - PUMP 35 SXS CEMENT PLUG AT 3242' (FORMATION PLUG) . COLLINIT - PUMP 35 SXS CEMENT PLUG AT 1732' (FORMATION PLUG) - WOC - TAG CEMENT - POOH RIH - PUMP 30 SXS CEMENT PLUG AT 1396' (FORMATION PLUG) - WOC - TAG CEMENT - POOH RIH - PUMP 30 SXS CEMENT PLUG AT 100' TO SURFACE CUT CASING AND WELD PLATE RECLAIM LOCATION

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Laguna_Deep_Unit_35_1H.schematic.plugging.proposed_20250430092137.pdf

Laguna_Deep_Unit_35_1H.schematic.current_20250430092116.pdf

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

Received by OCD: 5/21/2025-2:54GUAPDEEP UNIT

FEDERAL 35

Well Location: T19S / R33E / SEC 35 / NESE / 32.6157601 / -103.62639

County or Parish/State: LEA /

Page 13 of 31

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM27572

Unit or CA Name: CONSOLIDATED

BONE SPRING FMN

Unit or CA Number: NMNM70966F

US Well Number: 3002539946

Operator: SHACKELFORD OIL

COMPANY

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: BRADY SHACKELFORD Signed on: APR 30, 2025 09:21 AM

Name: SHACKELFORD OIL COMPANY

Title: Controller

Street Address: 11417 W COUNTY RD 33 City: MIDLAND State: TX

Phone: (432) 682-9784

Email address: BRADY@CHOCTAWSERVICES.COM

Field

Representative Name: Art Marquez Street Address: 3212 N Enterprise Dr

City: Hobbs **Zip:** 88240 State: NM

Phone: (575)405-1334

Email address: amarquez201953@gmail.com

APPROVED by Long Vo Petroleum Engineer Carlsbad Field Office 575-988-50402 LVO@BLM.GOV

Page 2 of 2

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

	Expires:	October 31,
ease Serial No		

BURI	EAU OF LAND MANAGEMENT	S. Lease Serial No. NMNM27572					
Do not use this f	OTICES AND REPORTS ON Vorm for proposals to drill or to Jse Form 3160-3 (APD) for su	o re-enter an	6. If Indian, Allottee or Tribe	Name			
SUBMIT IN T	FRIPLICATE - Other instructions on pag	ne 2	7. If Unit of CA/Agreement,				
1. Type of Well		<u> </u>	CONSOLIDATED BONE SPRING 8. Well Name and No.	FMN/NMNM70966F			
✓ Oil Well Gas W	Vell Other		LAGUNA DEEP UNIT FEDERAL 35/1H				
2. Name of Operator SHACKELFORD	O OIL COMPANY		9. API Well No. 300253994	9. API Well No. 3002539946			
3a. Address 11417 W COUNTY ROA	AD 33, MIDLAND, TX 797 3b. Phone No. (432) 682-97	10. Field and Pool or Explora	10. Field and Pool or Exploratory Area TEAS/TEAS				
4. Location of Well (Footage, Sec., T.,R SEC 35/T19S/R33E/NMP	.,M., or Survey Description)		11. Country or Parish, State LEA/NM				
12. CHE	CK THE APPROPRIATE BOX(ES) TO IN	DICATE NATURE (OF NOTICE, REPORT OR OT	THER DATA			
TYPE OF SUBMISSION		TYPE	E OF ACTION				
✓ Notice of Intent	Acidize Dee	pen [raulic Fracturing [Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity			
Subsequent Report		Construction [Recomplete	Other			
Subsequent Report	Change Plans	and Abandon [Temporarily Abandon				
Final Abandonment Notice	Convert to Injection Plug	Back [Water Disposal				
completion of the involved operation completed. Final Abandonment Notice is ready for final inspection.) RIH - SET CIBP AT 8998' (KICPUMP 50 SXS CEMENT PLUGUED FOR SYS CEMENT RIH - PUMP 40 SXS CEMENT RIH - PUMP 35 SXS CEMENT RIH - PUMP 36 SXS CEMENT RIH - PUMP 30 SXS CEMENT		mpletion or recomplets, including reclama ENT - WOC - TAG (OC - TAG CEMENT) - WOC - TAG CEI C - TAG CEMENT -) - WOC - TAG CEI	tion in a new interval, a Form 3 tion, have been completed and CEMENT AND PRESSURE - POOH Class H WOC and 3 MENT - POOH Class C 4923' to 4774 MENT - POOH 3626' to 2912 MENT - POOH 2912' to surface.	3160-4 must be filed once testing has been the operator has detennined that the site TEST Class H Tag 4' 2' (WOC and Tag) 117 sxs Class C			
14. I hereby certify that the foregoing is	true and correct. Name (Printed/Typed)	0 (
BRADY SHACKELFORD / Ph: (432	2) 682-9784	Controller Title					
Signature (Electronic Submission	n)	Date	04/30/2	2025			
	THE SPACE FOR FED	ERAL OR STA	TE OFICE USE				
Approved by Long Vo	2	little	oleum Engineer	5-2-2025 Date			
	ned. Approval of this notice does not warran quitable title to those rights in the subject le duct operations thereon.		arlsbad Field Office				
Title 18 U.S.C. Section 1001 and Title 43	STLS C Section 1212 make it a crime for a	ny nerson knowingly	and willfully to make to any d	department or agency of the United States			

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

Additional Information

Additional Remarks

RECLAIM LOCATION

Location of Well

0. SHL: NESE / 2310 FSL / 330 FEL / TWSP: 19S / RANGE: 33E / SECTION: 35 / LAT: 32.6157601 / LONG: -103.62639 (TVD: 0 feet, MD: 0 feet) BHL: NWSW / 2310 FSL / 330 FWL / TWSP: 19S / RANGE: 33E / SECTION: 35 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

Field Name					Le	ease	Name					Well No.
Teas Bone S	Spr	ings			Leguna Federal 35						1H	
County				Sta	State					API No.		
Lea				Ne	w ľ	Mexic	0				3002	5399460000
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Shackelford	Oi	I Compar	ıy	+				T				
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Prop Num							Spud	Da	Date Co			omp. Date
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Hole Summ	ar۱	,	-									

	Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
Ī		17.500	0	1,375	
ĺ		12.250	0	4,873	
		8.750	0	9,739	
		6.125	9,153	13,499	

Tubular Summary

Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Surface Casing	13.375	54.50		0	1,375
	Intermediate Casing	9.625	40.00		0	4,873
	Production Casing	7.000	26.00		0	9,739
	Production Casing	4.500	11.60		9,153	13,499

Casing Cement Summary

С	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		1,230	13.375	0	1,375	Circulated to Surface
		2,100	9.625	0	4,873	Circulated to Surface
		2,475	7.000	0	9,739	Circulated to Surface
		425	4.500	9,153	13,499	

Tools/Problems Summary

Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)
	CIBP	7.000	0.000	8,998	0

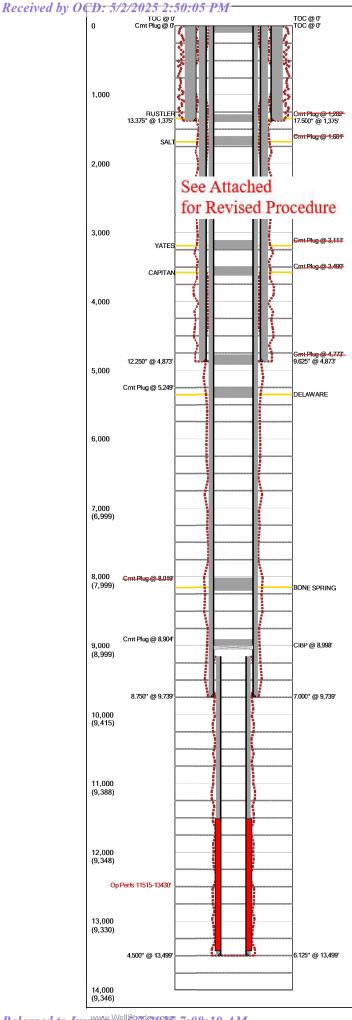
Cement Plug Summary

Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
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	30	7.000	1,282	1,396	
	35	7.000	1,601	1,732	Proposed
	S	ee At	tache	d	d
			State of the last	Proce	dure d
	40	7.000	5,249	5,402	Proposed
	50	7.000	8,019	8,206	Proposed
	25	7.000	8,904	8,998	Proposed
Dorforation	S			J	

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
		Open		11,515	13,430	101

Formation Tops Summary

Formation	Top (TVD ft)	Comments
RUSTLER	1,346	
SALT	1,682	
YATES	3,192	
CAPITAN	3,576	
DELAWARE	5,352	
BONE SPRING	8,156	
•	•	

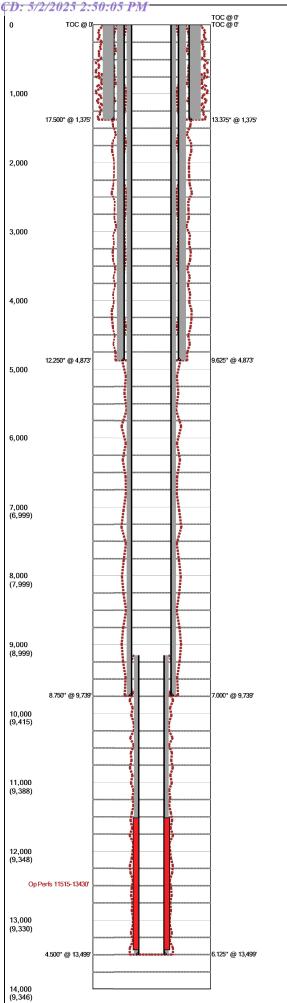


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Page 3 of 3

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www.WellShadow.com



Last Updated: 8/27/2019 02:21 PM

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			35	;		19S						33E				
Operator				We	ell	Statu	ıs		Lat	ituc	de		Longitude			
Shackelford	l Oi	I Compar	ny													
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Additional	Info	ormation														
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Hole Sumn	nar	v	-													

Date	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
	17.500	0	1,375	
	12.250	0	4,873	
	8.750	0	9,739	
	6.125	9,153	13,499	

Tubular Summary

	Date	Description	O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
ĺ		Surface Casing	13.375	54.50		0	1,375
ĺ		Intermediate Casing	9.625	40.00		0	4,873
ĺ		Production Casing	7.000	26.00		0	9,739
ĺ		Production Casing	4.500	11.60		9,153	13,499

Casing Cement Summary

С	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Comments
		1,230	13.375	0	1,375	Circulated to Surface
		2,100	9.625	0	4,873	Circulated to Surface
		2,475	7.000	0	9,739	Circulated to Surface
		425	4.500	9,153	13,499	

Perforation Summary

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	Shots
		Open		11,515	13,430	101

Field	Name	,		Lea	se Na	me		V	Vell No.		Coun	ty		State	е		1	API No		
Teas	Bone	Springs		Leg	juna Fe	ederal 35	j	1	Н		Lea			New	Mex	ico	3	300253	99460	000
Versi	on	Versi	on Tag					l .				s	pud Da	te	Con	ıp. Dat	е (GL (ft)		KB (ft)
		1 Curre	nt																	
Secti	on	Townshi	p/Block		Ran	nge/Surv	еу		Dist. N/S	(ft)	N/S Lin	ne D	ist. E/W	/ (ft)	E/W	Line	Foo	Footage From		
35		19S			33E				2,	,310	FSL			330	FEL					
Oper	ator						Well St	atus			<u> </u>	Latitud	de		Longitude				Prop l	Num
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Casir	ng Cen	nent Sum	mary	1			ı		- U											
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		1,230		1,230		13.375	0	1,375				Cla	Class C Circulated to Surface							
		2,100	1.00	2,100		9.625	0	4,873				Class C Circulated to Surface		се						
		2.475	1.00	2.475		7.000	0	9.739				Cla	ass H C	ircula	ted t	n Surfac	ce			

Tools/Problem	s Summary

		<u>. </u>						
	Date	Tool Type	O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Comments
I								

Class H

9,153

13,499

Perforation Summary

[Date	Perf. Status	Form	ation	Comments					
	C	Open								
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Comments				
	11,5	15 13,43	30	101						

Page 3 of 3

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County	Lea	E/W (ft)	330 FEL	Ado			
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Lease Name	Leguna	Range/Survey	33E	3y	-		
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www.WellShadow.com

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 (LPC Habitat)

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 <u>ninety (90)</u> 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. <u>Notification:</u> 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; Lea County, call 575-689-5981. Eddy County, please email notifications to: <u>BLM NM CFO PluggingNotifications@BLM.GOV</u>. The Eddy County inspector on call phone, 575-361-2822, will remain active as a secondary contact.
- 3. <u>Blowout Preventers</u>: 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. <u>Mud Requirement:</u> 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 water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: 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 for Class C or accelerated cement (calcium chloride) and 6 hours for Class H. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

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.

Fluid used to mix the cement in R111Q shall be saturated with the salts common to the section penetrated, and in suitable proportions but not less than 1% and not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): 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 BY PHONE (numbers listed in 2. Notifications) 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 14th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing. The following information shall be permanently inscribed on the plate: well name and number, name of 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).

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

- 7. <u>Subsequent Plugging Reporting:</u> 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. <u>Trash:</u> 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.

<u>Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:</u>
From March 1st through June 15th annually, abandonment activities will be allowed except between

the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 E. Greene St.

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/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 (across the slope 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.

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.

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 abandonment.

The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

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.

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.

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.

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/Environmental Protection Specialist 575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias Environmental Protection Specialist 575-234-6230

Crisha Morgan Environmental Protection Specialist 575-234-5987

Jose Martinez-Colon Environmental Protection Specialist 575-234-5951

Mark Mattozzi Environmental Protection Specialist 575-234-5713

Robert Duenas Environmental Protection Specialist 575-234-2229 Stephanie McCarty Environmental Protection Specialist 575-234-5985

Jaden Johnston Environmental Protection Asst. (Intern) 575-234-6252 Sundry ID 2848904

Sundry ID	2848904						
Plug Type	Тор	Bottom	Length	Tag	Sacks	Cement Class	Notes
Trug Type	ТОР	Bottom	Length	lug	Guono	0.000	110100
	0.00	400.00	400.00	Tan Alamitu			
Surface Plug	0.00	100.00 315.00		Tag/Verify base no			
Fresh Water @ 265 13.375 inch- Shoe Plug	212.35 1311.25	1425.00	102.65	Tag/Verify			
13.375 Inch- Shoe Plug	1311.25	1425.00	113.75	rag/verily			
Top of Salt @ 1682	1615.18	1732.00	116.82	Tag/Verify			
1000.000.000	1010.10	1702.00	110.02	1 - 3			Spot cement from
							2912' to surface.
Base of Salt @ 2992	2912.08	3042.00	129.92	Tag/Verify	474.00	С	Verify at surface.
Yates @ 3192	3110.08	3242.00	131.92	base no			
				If solid			
				base no			
				need to			
				Tag			
				(CIBP			
				present and/or			
				Mechanic			
				al Integrity			
				Test), If			
				Perf &			
				Sqz then			
				Tag, Leak			
				Test all			
				CIBP if no			
				Open			Spot cement from
_ , _ , _ , _ , _ ,	0.400.04		405.70	Perforatio	447.00		3626' to 2912. WOC
Capitan Reef @ 3576	3490.24	3626.00	135.76	ns	117.00	C	and Tag. Spot cement from
							4923' to 4774' WOC
9.625 inch- Shoe Plug	4774.27	4923.00	148 73	Tag/Verify	25.00	c	and Tag.
J.OZO IIIGII- GIIGE I Tug	7117.21	4020.00	140.70	1 4 9/ 1 5 7			and rag.
				If solid			
				base no			
				need to			
				Tag			
				(CIBP			
				present			
				and/or			
				Mechanic			
				al Integrity Test), If			
				Perf &			
				Sqz then			
				Tag, Leak			
				Test all			
				CIBP if no			
				Open			
				Perforatio			Spot cement from
Delaware @ 5352	5248.48	5402.00	153.52	ns	25.00	C	5402' to 5248'.

				If solid base no need to Tag (CIBP present and/or Mechanic al Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no			
				Open			
Bencensings @ 9456	8024.44	8206.00	181.56	Perforatio	37.00	ш	Spot cement from 8206' to 8024'.
Bonesprings @ 8156	0024.44	0200.00	101.00		37.00	11	0200 10 0024.
				base no			
		004000	400.00	need to			
KOP @ 8998	8858.02	9048.00	189.98	rag			
				If solid			
				base no			
				need to			
				Tag			
				(CIBP			
				present			
				and/or			
				Mechanic			
				al Integrity			
				Test), If Perf &			
				Sqz then			
				Tag, Leak			
				Test all			
				CIBP if no			Set CIBP at 8998'.
				Open			Spot 25 sxs cement
				Perforatio			on top. Leak test
CIBP Plug	8963.00	8998.00	35.00		25.00	Н	CIBP.
Liner Top @ 9153	9011.47	9203.00		base no			
7 inch- Shoe Plug	9591.61	9789.00	197.39	Tag/Verify			
4.5 inch- Shoe Plug	13314.01	13549.00	234.99	Tag/Verify			

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole. Class H >7500' Class C<7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft^3/sx Class H: 1.06 ft^3/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement Requirement:	<u>50 Fe</u> <u>R111</u>	et from Base of Sa	alt to surface
13.375 inch- Shoe Plug @	1375.00		
9.625 inch- Shoe Plug @	4873.00		
7 inch- Shoe Plug @	9739.00		
4.5 inch- Shoe Plug @	13499.00	TOC @	9153.00

CIBP @ 8998.00

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 458158

CONDITIONS

Operator:	OGRID:				
SHACKELFORD OIL CO	20595				
11417 W County Rd 33	Action Number:				
Midland, TX 79707	458158				
	Action Type:				
	[C-103] NOI Plug & Abandon (C-103F)				

CONDITIONS

Created By		Condition Date
gcordero	Run CBL to Surface	5/6/2025
gcordero	A Cement Bond Log (CBL) is required to be submitted to electronic permitting.	5/6/2025
gcordero	Submit Cement Bond Logs (CBL) prior to submittal of C-103P.	5/6/2025