Sundry Print Repor

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

Well Number: 312H

Well Name: POKER LAKE UNIT Well Location: T24S / R31E / SEC 33 / County or Parish/State: EDDY /

NWNE /

Allottee or Tribe Name:

Type of Well: OIL WELL

Lease Number: NMNM031382 **Unit or CA Name: Unit or CA Number:**

US Well Number: 3001539469 Well Status: Producing Oil Well **Operator: XTO PERMIAN**

OPERATING LLC

Accepted for record – NMOCD gc 1/30/2023

LONG VO Date: 2023.01.22 10:01:14

Digitally signed by LONG VO

-06'00'

Notice of Intent

Sundry ID: 2705349

Type of Submission: Notice of Intent

Date Sundry Submitted: 11/30/2022

Date proposed operation will begin: 01/16/2023

Type of Action: Plug and Abandonment

Time Sundry Submitted: 08:40

Procedure Description: XTO Permian Operating LLC respectfully requests a NOI to PA the well above. i have attached a procedure for your review and the current and proposed WBD. I have also attached the correspondence between Keith and the engineer to revise the procedure.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Approval Subject to General Requirements and

Special Stipulations

Attached

NOI Attachments

Procedure Description

PLU_312H_BLM_conversation_for_revision_20221130203914.pdf

PLU_312H_Proposed_WBD_20221130203853.pdf

PLU_312H_Procedure_20221130203835.pdf

PLU_312H_DHWP_20221130203812.pdf

eceived by OCD: 1/27/2023 7:35:42 AM
Well Name: POKER LAKE UNIT

Well Location: T24S / R31E / SEC 33 /

NWNE /

County or Parish/State: EDDY? of

NM

Well Number: 312H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM031382

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001539469

Well Status: Producing Oil Well

Operator: XTO PERMIAN

OPERATING LLC

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: CASSIE EVANS Signed on: NOV 30, 2022 08:37 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 Holiday Hill Road, Bldg 5

City: Midland State: TX

Phone: (432) 218-3671

Email address: CASSIE.EVANS@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

Page 2 of 2

PLUG AND ABANDON WELLBORE POKER LAKE UNIT 312H EDDY COUNTY, NEW MEXICO Class II

MASIP	MAOP	MAWP	Surface Csg Yield
1,000 psi	1,000 psi	3,000 psi	1,730 psi

SUMMARY: Plug and abandon wellbore according to BLM regulations.

- 1) MIRU plugging company. Set open top steel pit for plugging.
- 2) ND WH and NU 3K manual BOP. Function test BOP.
- 3) POOH 205 its. 2-7/8" tubing and sub.
- 4) MIRU WLU, RIH GR sized for 7" 26.00# casing to 6800', RIH CIBP and set at 6780'. Variance approved by BLM to set CIBP above TOL. Notify BLM. Pressure test CIBP to 500 PSIG for 30 min.
- 5) Spot 25 SKS Class C from 6780' to 6630'. WOC, tag and notify BLM.
- 6) Spot 42 SKS Class C from 5629' to 5376' (Casing patch, DV Tool). WOC, tag and notify BLM.
- 7) Spot 79 SKS Class C from 4465' to 3984' (T/Delaware, 9-5/8" shoe). WOC, tag and notify BLM.
- 8) Spot 36 SKS Class C from 994' to 773' (13-3/8" shoe, T. Salt). WOC, tag and notify BLM.
- 9) MIRU WLU, perforate at 100'.
- 10) Circulate Class C to surface (Est. 35 SKS). (In 17 sxs/Out 12 sxs) Verify at surface.
- 11) ND BOP and cut off wellhead 5' below surface. RDMO PU and trucks.
- 12) Set P&A marker.
- 13) Pull fluid from steel tank and haul to disposal. Release steel tank.

Evans, Cassie L

From: Anderson, Paul Brevik

Sent:Wednesday, November 30, 2022 5:30 PMTo:Evans, Cassie L; Thames, Amanda /CSubject:FW: [EXTERNAL] POKER LAKE UNIT 312H

Also can we make sure to attach email below with sundry filing?

Thank you!

Paul B. Anderson

Operations Engineer XTO Energy Inc. – Delaware Basin +1 (432) 269-2172

From: Immatty, Keith P [mailto:kimmatty@blm.gov] Sent: Wednesday, November 30, 2022 4:46 PM

To: Anderson, Paul Brevik <paul.b.anderson@exxonmobil.com>

Subject: RE: [EXTERNAL] POKER LAKE UNIT 312H

External Email - Think Before You Click

Reviewed and is OK as proposed.

CIBP plan to be ~400' above beginning of deviation due to liner in place. No commingling risk. Milling TOL would reduce integrity.

Please attach this email with the sundry and let me know when submitted.

Regards,

Keith Immatty

From: Anderson, Paul Brevik < paul.b.anderson@exxonmobil.com >

Sent: Wednesday, November 30, 2022 3:41 PM
To: Immatty, Keith P < kimmatty@blm.gov >
Subject: [EXTERNAL] POKER LAKE UNIT 312H

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Good afternoon Keith,

Confirming approval from our phone call today to set CIBP at approx. 6787' in the subject well (API: 3001539469) and proceed with P&A operations up-hole. The well is a lateral Brushy Canyon completion with a liner top at 6837'. There is not cement behind the liner, and as such setting CIBP above TOL is likely to be most effective at isolating the completed zone.

Thank you,

Paul B. Anderson

Operations Engineer XTO Energy Inc. – Delaware Basin +1 (432) 269-2172

Poker Lake Unit 312H - Proposed WBD

7" TOC 576'

13-3/8" shoe 944'

T/Delaware 4293'

9-5/8" shoe 4415'

DV Tool 5530'

Casing patch 5579'

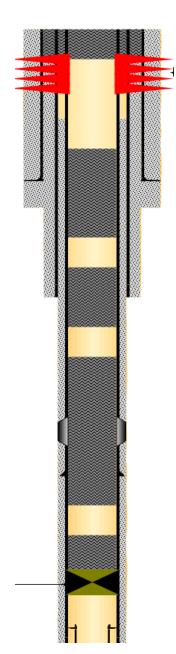
TOL 6837'

Approval Subject to

General Requirements and

Special Stipulations

Attached



Circulate ~35 SKS Class C: 100' to surface.

Spot 65 SKS Class C: 1200' – 844'. WOC and tag.

Spot 50 SKS Class C: 4465' – 4193'. WOC and tag.

Spot 35 SKS Class C: 5630' – 5430'. WOC and tag.

Spot 25 SKS Class C atop CIBP: 6780' – 6630'. Pressure test CIBP to 500 PSIG for 30 min. WOC and tag.

Received by OCD: 1/27/2023 7:35:42 AM



Downhole Well Profile - with Schematic Well Name: POKER LAKE UNIT 312H

County Eddy API/UWI SAP Cost Center ID Permit Number State/Province 3001539469 1139641001 New Mexico KB-Ground Distance (ft) 21.00 Surface Location T24S-R31E-S33 Spud Date 4/9/2012 21:45 Original KB Elevation (ft) Ground Elevation (ft) Surface Casing Flange Elevation (ft) 3,482.00 3,461.00

1240-11				4101	2012 21:43	2.00		[0,	+01.00		21.00			
					Wellbores									
_{MD}	TVD	Incl			Wellbore Name			Parent Wel	lbore			Wellbore AF		
(ftKB)	(ftK	(°)	Vertical sche	ematic (actual)	Original Hole			Original	Hole			3001539	469	
	В)	()			Start Depth (ftKB)		Profile Type		е	l .				
					0.0									
- 857.3 -	857.1	1.3	TOC @; 576.0; 5/4/2012	Surface; 17 1/2 in; 945.0 ftKB Surface; 13 3/8 in; 944.0 ftKB	Section Des		Hole Sz (in)			Act Top	(ftKB)	Ac	t Btm (ftKB)	
			-BASE OF SALT	Intermediate; 12 1/4 in; 4,415.0 ftKB	Surface				17 1/2			21.0)	945.0
- 4,323.2 -	4,322.9	0.5	DVT @; 5,530.2; 4/22/2012	Intermediate 1; 9 5/8 in; 4,415.0	Intermediate				12 1/4			945.0	, 	4,415.0
- 5,530.2 -	5,529.8	0.1	Csg Patch @; 5,579.0;	Intermediate 2; 7 in; 5,579.0 ftKB	Intermediate		8 3/4				4,415.0		7,005.0	
			4/22/2012	Intermediate; 8 3/4 in; 7,005.0 ftKB Seat Nipple; 2 7/8 in; 6,701.1 ftKB										
- 6,836.9 -	6,836.6	0.5	TOL @; 6,837.0; 5/21/2012	gr (Production		6 1/8			7,005.0)	13,572.0		
- 7,003.9 -	7,003.5	0.5	KOD O 7 505 0 5/04/0040	Intermediate 2; 7 in; 7,004.0 ftKB	Zones									
			KOP. @; 7,585.0; 5/21/2012		Zone Name	· ·		Top (ftKB)		Btm (ft	tKB)	Cı	rrent Status
7,898.6	7,871.4	39.4	MKR (final) USHY	Frac Port; 7,987.0-7,991.0 ftKB	Lwr Brushy Canyon Y	ny Canyon Y								
7,990.2	7,938.6	45.9		Fresh Water	Casing Strings									
			X (final)		Csg Des		Set Depth (ftKE	R)	٥٢) (in)		Wt/Len (lb/ft)		Grade
8,124.3	8,022.3	58.6	— Y (final)	P	Surface		Cot Dopair (inte	944.0	0.5		3 3/8	VVV ZOTT (ID/TE)	48.00 J-55	Giado
- 8,300.9 -	8,090.1	76.1		Frac Port; 8,299.0-8,303.0 ftKB										
			1	Trosh Water	Intermediate 1			4,415.0			5/8		40.00 J-55	
8,437.7	- 8,110.4 -	85.2		Frac Port; 8,624.0-8,628.0 ftKB	Intermediate 2		5,579.0				7		26.00 N-80	
8,762.5	- 8,118.4 -	89.2		- 1 resit water	Intermediate 2	7,004.0				7		26.00 N-80		
				Frac Port; 8,962.0-8,966.0 ftKB	Production		13,538.0			4	1/2		11.60 HCP-	110
8,964.9	8,120.3	89.6		Fresh Water	Cement		· ·							
9,247.0	8,124.1	89.3		Frac Port; 9,247.0-9,251.0 ftKB	Des			-	Гуре	Start Date		Top (ftKB)		Btm (ftKB)
			-4	-	Surface Casing Cement		- 1	Casing	4/12/2			Pato Top (iii		944.0
9,440.0	8,125.1	90.6		Frac Port; 9,581.0-9,585.0 ftKB	Intermediate Casing Cemer	nt							21.0	
9,764.8	8,123.3	90.6		-				Casing	4/18/2012					4,415.0
				Frac Port; 9,956.0-9,960.0 ftKB	Intermediate 2 Casing Cem			Casing	4/23/2012			5,487.0		7,004.0
9,959.6	8,123.1	89.3	······	Production; 6 1/8 in; 13,572.0 ftKB	Intermediate 2 Casing Cem	nent		Casing	4/23		4/23/2012		5,487.0	5,487.0
- 10,290.4 -	8,129.8	89.3		Frac Port; 10,290.0-10,294.0 ftKB	Intermediate 2 Casing Cem	ent		Casing	5/4/2012		5/4/2012		576.0	5,533.0
				-	Tubin a Otalia as									
10,439.0	8,131.8	88.5		Frac Port; 10,624.0-10,628.0 ftKB	Tubing Strings Tubing Description			Dum Data		Set Depth (ftKB)				
- 10,770.7 -	8,142.8	89.6		<u> </u>	Tubing Description			Run Date 6/4/2018	1	6,706.3		INB)		
			. 1 1	Frac Port; 10,959.0-10,963.0 ftKB	Item Des		OD (in)	<u> </u>		Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
10,962.9	8,142.9	89.5			Tubing		2 7/8		6.50 L-80		205	6,680.14	21	
- 11,289.0 -	8,151.0	87.7		Frac Port; 11,287.0-11,291.0 ftKB	_				0.30 L-00		203			
			1	Frank Burth 44 045 0 444 040 0 600B	Seat Nipple		2 7/8				1	1.10	6,701	
11,440.6	8,157.5	87.7		Frac Port; 11,615.0-11,619.0 ftKB	Tubing Sub		2 7/8	5	6.50 L-80		1	4.10	6,702	.2 6,706.3
- 11,761.5 -	8,162.4	89.4		Frac Port; 11,903.0-11,907.0 ftKB	ESP Pump								6,706	.3 6,706.3
			1	Fresh Water	Perforations									
- 11,907.5 -	. 8,164.3 .	89.3		Frank Burth 40 000 0 40 004 0 604 D	Date		Top (ftKR)		Rtm	(ftKB)			Linked Zone	
- 12,321.9 -	8,164.6	90.0		Frac Port; 12,320.0-12,324.0 ftKB	6/26/2012		Top (ftKB) 7,987.0		Buil	7,991.0			Liliked Zolle	
- 12,429.1 -	. 8,166.4	87.8		Frac Port; 12,613.0-12,617.0 ftKB	6/26/2012			8,299.0			03.0			
- 12,753.0 -	. 8,183.9	87.2	<u> </u>	1	6/26/2012		8,624.0			8,6	28.0			
				Frac Port; 12,949.0-12,953.0 ftKB	6/26/2012		8,962.0		8,966.0					
- 12,952.1 -	. 8,190.8	88.6	-	Fresh Water	6/26/2012			9,247.0		9.2	251.0			
- 13,282.2 -	8,198.6	88.3		Frac Port; 13,282.0-13,286.0 ftKB	6/26/2012			9,581.0		9,585.0				
II		00.0	+	Fresh Water										
- 13,424.5 -	8,201.7	89.3	\$	Frac Port; 13,481.0-13,485.0 ftKB	6/26/2012			9,956.0		9,960.0				
- 13,484.3 -	. 8,201.9	90.5		Production; 4 1/2 in; 13,538.0 ftKB PBTD; 13,571.0 ftKB	6/26/2012			0,290.0		10,2				
	8.201.5			TD - Original Hole; 13,572.0 ftKB	6/26/2012		1	0,624.0		10,6	28.0			
XTO E	nerg	У			Page 1/2								Report Print	ed: 11/30/2022

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Downhole Well Profile - with Schematic Well Name: POKER LAKE UNIT 312H

API/UWI 3001539469 SAP Cost Center ID 1139641001 Permit Number New Mexico Eddy

Surface Location T24S-R31E-S33 State/Province New Mexico County Eddy

State/Province New Mexico Flate Original KB Elevation (ft) 3,482.00 Surface Casing Flange Elevation (ft) 3,481.00 Surface Casing Flange Elevation (ft) 3,461.00 Surface Casing Flange Elevation (ft) 21.00

					Douforation
MD (ftKB)	TVD (ftK	Incl (°)	Vertical schem	atic (actual)	Perforations D 6/26/2012
(ILKB)	B)	()			6/25/2012
			TOC @; 576.0; 5/4/2012	Surface; 17 1/2 in; 945.0 ftKB	6/25/2012
- 857.3 -	857.1	1.3	<u> </u>	Surface; 13 3/8 in; 944.0 ftKB	6/25/2012
- 4,323.2 -	4,322.9	0.5	DVT @ 5 520 2: A/22/2042	Intermediate; 12 1/4 in; 4,415.0 ftKB Intermediate 1; 9 5/8 in; 4,415.0 ftKB	6/25/2012
- 5,530.2 -	5,529.8	0.1	DVT @; 5,530.2; 4/22/2012 Csg Patch @; 5,579.0;	Intermediate 2; 7 in; 5,579.0 ftKB Intermediate; 8 3/4 in; 7,005.0 ftKB	6/25/2012
- 6,836.9 -	6,836.6	0.5	4/22/2012 TOL @; 6,837.0; 5/21/2012	Seat Nipple; 2 7/8 in; 6,701.1 ftKB	6/25/2012
7 002 0	7,003.5	0.5		Intermediate 2; 7 in; 7,004.0 ftKB	6/25/2012
- 7,003.9 -			KOP@;, 7,585.0; 5/21/2012	- Intermediate 2, 7 III, 7,004.0 IIKB	6/25/2012
7,898.6	7,871.4	39.4	MKR (final) USHY	Frac Port; 7,987.0-7,991.0 ftKB	Stimulation
7,990.2	7,938.6	45.9		Fresh Water	Interval Nu
- 8,124.3 -	8,022.3	58.6	— X (final)	2	
- 8,300.9 -	8,090.1 =	76.1	—Y (final)	Frac Port; 8,299.0-8,303.0 ftKB Fresh Water	
- 8,437.7 -	8,110.4 =	85.2	<u> </u>	Frac Port; 8,624.0-8,628.0 ftKB	
- 8,762.5 -	8,118.4	89.2		Frac Port; 8,962.0-8,966.0 ftKB	
- 8,964.9 -	8,120.3	89.6	••	Fresh Water	
- 9,247.0 -	8,124.1 =	89.3	•	Frac Port; 9,247.0-9,251.0 ftKB	
9,440.0	8,125.1 -	90.6		Frac Port; 9,581.0-9,585.0 ftKB	
9,764.8	8,123.3	90.6		Frac Port; 9,956.0-9,960.0 ftKB	
9,959.6	8,123.1 =	89.3	-	Fresh Water Production; 6 1/8 in; 13,572.0 ftKB	
- 10,290.4 -	8,129.8 -	89.3	<u> </u>	Frac Port; 10,290.0-10,294.0 ftKB Fresh Water	
- 10,439.0 -	8,131.8 -	88.5		Frac Port; 10,624.0-10,628.0 ftKB	
- 10,770.7 -	8,142.8 -	89.6		Frac Port; 10,959.0-10,963.0 ftKB	
- 10,962.9 -	8,142.9	89.5		Fresh Water	
- 11,289.0 -	8,151.0 -	87.7		Frac Port; 11,287.0-11,291.0 ftKB	
- 11,440.6 -	8,157.5 =	87.7	<u> </u>	Frac Port; 11,615.0-11,619.0 ftKB	
- 11,761.5 -	8,162.4	89.4	<u>_</u>	Frac Port; 11,903.0-11,907.0 ftKB	
- 11,907.5 -	8,164.3	89.3		Fresh Water	
- 12,321.9 -	8,164.6	90.0		Frac Port; 12,320.0-12,324.0 ftKB	
- 12,429.1 -	8,166.4	87.8		Frac Port; 12,613.0-12,617.0 ftKB	
- 12,753.0 -	. 8,183.9	87.2		Fresh Water	
- 12,952.1 -	. 8,190.8	88.6		Frac Port; 12,949.0-12,953.0 ftKB Fresh Water	
- 13,282.2 -	8,198.6	88.3		Frac Port; 13,282.0-13,286.0 ftKB	
- 13,424.5 -	8,201.7	89.3		Frac Port; 13,481.0-13,485.0 ftKB	
- 13,484.3 -	. 8,201.9	90.5		Fresh Water Production; 4 1/2 in; 13,538.0 ftKB PBTD; 13,571.0 ftKB	
_	8,201.5			TD - Original Hole; 13,572.0 ftKB	
XTO E	nerg	у			

Perforations			
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
6/26/2012	10,959.0	10,963.0	
6/25/2012	11,287.0	11,291.0	
6/25/2012	11,615.0	11,619.0	
6/25/2012	11,903.0	11,907.0	
6/25/2012	12,320.0	12,324.0	
6/25/2012	12,613.0	12,617.0	
6/25/2012	12,949.0	12,953.0	
6/25/2012	13,282.0	13,286.0	
6/25/2012	13,481.0	13,485.0	

Stimulation Intervals					
Interval Number	Top (ftKB)	Btm (ftKB)	AIR (bbl/min)	MIR (bbl/min)	Proppant Total (lb)
1	13,483.0	13,484.0	17	25	0.0
2	13,284.0	13,285.0	32	41	0.0
3	12,951.0	12,952.0	37	52	0.0
4	12,615.0	12,616.0	39	50	0.0
5	12,322.0	12,323.0	39	50	0.0
6	11,905.0	11,906.0	40	50	0.0
7	11,617.0	11,618.0	39	50	0.0
8	11,289.0	11,290.0	43	51	0.0
9	10,961.0	10,962.0	40	51	0.0
10	10,626.0	10,627.0	44	52	0.0
11	10,292.0	10,293.0	42	50	0.0
12	9,958.0	9,959.0	44	52	0.0
13	9,583.0	9,584.0	40	51	0.0
14	9,249.0	9,250.0	42	50	0.0
15	8,964.0	8,965.0	41	52	0.0
16	8,626.0	8,627.0	41	50	0.0
17	8,301.0	8,302.0	44	51	0.0
18	7,989.0	7,990.0	43	51	0.0

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Sundry ID 2705349

Sundry ID	2705349			-			
Plug Type	Тор	Bottom	Length	Tag	Sacks	Cement Class	Notes
Surface Plug	0.00		-	Tag/Verify			Perf and Squeeze from 100' to surface. (In 17 sxs/Out 12 sxs) Verify at surface.
						0	Surface.
Top of Salt @ 832	773.68	882.00	108.32	Tag/Verify			Spot cement from
Shoe Plug	884.56	994.00	100 44	Tag/Verify	36.00	C	994' to 773'. WOC and Tag.
						0	and rag.
Base of Salt @ 4075	3984.25	4125.00	140.75	Tag/Verify			
Delaware @ 4332	4238.68	4382.00	143.32	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 ns			
Shoe Plug	4320.85			Tag/Verify	79.00	С	Spot cement from 4465' to 3984'. WOC and Tag.
DV tool plug	5376.19			Tag/Verify			
				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 5629' to 5376'.
Casing Patch @ 5579	5473.21	5629.00	155.79	ns	42.00	Ü	WOC and Tag.

				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			Set CIBP at 6780'. Spot 25 sxs on top.
CIBP Plug	6745.00	6780.00	35.00		25.00	С	Spot 25 sxs on top. Leak Test CIBP.
Shoe Plug	6883.96	7054.00	170.04	Tag/Verify			
Shoe Plug	13352.62	13588.00	235.38	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	Low		
Shoe @	944.00		
Shoe @	4415.00		
Shoe @	7004.00	TOC @	576.00
Shoe @	13538.00	TOC @	6837.00
DV Tool @	5481.00	CIBP @	6780.00

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 <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; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.
- 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 **brine** 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.

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. <u>Dry Hole Marker</u>: 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). A weep hole shall be left if a metal plate is welded in place.

- 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.



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 predisturbance 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.

- 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/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

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

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

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 180206

CONDITIONS

Operator:	OGRID:
XTO PERMIAN OPERATING LLC.	373075
6401 HOLIDAY HILL ROAD	Action Number:
MIDLAND, TX 79707	180206
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/30/2023