Sundry Print Report

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

Well Name: POKER LAKE Well Location: T25S / R31E / SEC 9 / County or Parish/State: EDDY /

NWNE /

1

Allottee or Tribe Name:

Well Number: 53 Type of Well: CONVENTIONAL GAS

WELL

Lease Number: NMNM030458 Unit or CA Name: Unit or CA Number:

US Well Number: 3001523783 Well Status: Producing Gas Well Operator: XTO PERMIAN

OPERATING LLC

Accepted for record – NMOCD gc 12/15/2022

LONG VO

Digitally signed by LONG VO Date: 2022.11.25 10:12:15 -06'00'

Notice of Intent

Sundry ID: 2698980

Type of Submission: Notice of Intent

Date Sundry Submitted: 10/20/2022

Date proposed operation will begin: 01/16/2023

Type of Action: Plug and Abandonment

Time Sundry Submitted: 12:40

Procedure Description: XTO Permian Operating LLC respectfully submits a NOI to PA for the well above. I have attached the procedure for your review. I have also attached the current and proposed WBD of the well.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Approval Subject to

General Requirements and

Special Stipulations

Attached

NOI Attachments

Procedure Description

PLU_053_Proposed_WBD_20221020124015.pdf

PLU_053_DHWP_20221020124005.pdf

PLU_053_Procedure_20221020123951.pdf

eceived by OCD: 12/10/2022 10:51:40 AM Well Name: POKER LAKE

Well Location: T25S / R31E / SEC 9 /

NWNE /

County or Parish/State: Page 2 of

NM

Well Number: 53

Type of Well: CONVENTIONAL GAS

Well Status: Producing Gas Well

WELL

Unit or CA Number:

Lease Number: NMNM030458

Unit or CA Name:

Operator: XTO PERMIAN

Allottee or Tribe Name:

OPERATING LLC

Operator

US Well Number: 3001523783

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: OCT 20, 2022 12:40 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 053 EDDY COUNTY, NEW MEXICO Class II

MASIP	MAOP	MAWP	Surface Csg Yield
1,000 psi	1,000 psi	3,000 psi	1,530 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.
- Release tubing via Baker Model L-10 on-off tool at 12828'. POOH LD 2-3/8" tubing.
- 4) Tag top of CIBP at 14105' and dump bail 35' on top.
- 5) MIRU WLU, RIH GR sized for 7-5/8" 39.00# casing to 12820', RIH CIBP and set at 12791'. Notify BLM. Tag and pressure test CIBP to 500 psig for 30 min. Note: TOL at 11988'.
- 6) Spot 105 SKS Class H cement from 12791' to 12339' (T/Perf, 9-5/8" CSG shoe, Top of Liner). WOC, tag and notify BLM.
- 7) Spot 86 SKS Class H cement from 11612' to 11250' (T/Wolfcamp).
- 8) Spot 76 sxs Class H cement from 9176' to 8984'. WOC and Tag. (Casing Leak at 9126')
- 9) Spot 275 SKS Class H cement from 8256' to 7559' (T/Bone Spring, 3000' between plug).
- 10) MIRU WLU, perforate at 4559'.
- 11) Squeeze 324 SKS Class C cement from 4559' to 4001' (T/Delaware, 13-3/8" CSG string, Morrow, Base of Salt). WOC, tag and notify BLM. (In 177 sxs/ Out 147 sxs)
- 12) MIRU WLU, perforate at 1002'.
- 13) Squeeze 168 SKS Class C cement from 1002' to 719' (20" CSG shoe, Top of Salt, 3000' between plugs). (In 90 sxs/ Out 78 sxs) WOC and Tag.
- 14) MIRU WLU, perforate at 100'.
- 15) Circulate Class C cement to surface (Est. 60 SKS). (In 32 sxs/Out 28 sxs) Verify at surface.

- 18) ND BOP and cut off wellhead 5' below surface. RDMO PU and trucks.
- 19) Set P&A marker.
- 20) Pull fluid from steel tank and haul to disposal. Release steel tank.

Poker Lake Unit 053 - Proposed WBD

20" shoe 777'

13-3/8" shoe 4271'

T/Delaware 4316'

9-5/8" TOC 7950'

T/Bone Spring 8206'

T/Wolfcamp 11562'

7-5/8" TOL 11988'

9-5/8" shoe 12500'

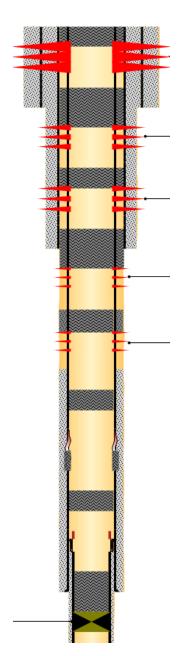
T/Perf 12905'

Approval Subject to

General Requirements and

Special Stipulations

Attached



Circulate ~60 SKS Class C: 100' to surface.

Squeeze 90 SKS Class C: 827' – 677'. WOC and tag.

Squeeze 90 SKS Class C: 2000' – 1850'.

Squeeze 125 SKS Class C: 4366' – 4171'. WOC and tag.

Squeeze 95 SKS Class C: 7300' - 7150'.

Spot 70 SKS Class H: 8256' – 8106'.

Spot 150 SKS Class H: 11612' - 11250'.

Spot 100 SKS Class H atop CIBP: 12810' - 12400'. Pressure test CIBP to 500 PSIG for 30 min. WOC and tag cement.



Downhole Well Profile - with Schematic Well Name: POKER LAKE UNIT 053

API/UWI 3001523783 SAP Cost Center ID 1135921001 Permit Number State/Province New Mexico County Eddy

Surface Location T25S-R31E-S09 Spud Date 11/7/1981 00:00 3,412.00 Ground Elevation (ft) 3,390.00 Surface Casing Flange Elevatio... 3,390.00 22.00

T25S-F							12.00	3,390.0	0	22.0	00	Surface Ca	ising Flange Elevatio
MD (ftKB)	TV D (ftK	Incl (°)	Vertical sch	nematic ((actual)	Wellbores Wellbore Name Original Hole		Parent Wellbore			Wellbore API	/UWI	
	B)					Start Depth (ftKB)			Profile ⁻	Туре			
39.4					Surface; 26 in; 777.0 ftKB	Section Des		Hole Sz (in)		Act To	op (ftKB)	Act I	Btm (ftKB)
65.0			······································	H	Surface; 20 in; 777.0 ftKB Intermediate; 17 1/2 in;	Surface			26		22.0		777.0
733.9					4,271.0 ftKB	Intermediate			17 1/2		777.0		4,271.0
776.9					Intermediate 1; 13 3/8 in; 4,271.0 ftKB	Production			12 1/4		4,271.0		12,500.0
3,840.2			\		Production; 12 1/4 in; 12,500.0 ftKB	Liner			8 1/2 6 1/2		12,500.0 14,485.0		14,485.0 15,530.0
- 4,270.0 -					Cement; Cement	Zones			0 1/2		14,465.0		15,550.0
- 7,950.1 -			Lower Brushy Canyo TOC; 7,950.0; 1/17/1982		Squeeze, Casing Leak; 9,172.0 ftKB	Zone Name		Top (ftKB)		Btm	n (ftKB)	Curr	ent Status
9,032.8			Avaiori (iiriai)		Production; 9 5/8 in; 12,500.0 ftKB	Lwr Morrow							
9,171.9			Csg Leak; 9,126.0-9,172.0		FA Retainer Production	Wolfcamp							
- 11,559.1 -			— 2nd Rone Spring Car ——————————————————————————————————		Packer 89FA47; 6.20 in; 12,831.6 ftKB	Casing Strings							
- 11,996.4 -			TOL; 11,988.8; 3/4/1982	 	Perforated; 12,841.0- 12,847.0 ftKB	Csg Des Surface	Set Depth (ft	KB) 777.0	OD (in)	20	Wt/Len (lb/ft)	94.00 H-40	Grade
12,450.1			,		Perforated; 12,896.0-	Intermediate 1		4,271.0		13 3/8		54.50 K-55	
- 12,500.0 -			NAC-16 Nac-della (6:		12,898.0 ftKB Perforated; 12,905.0-	Production		12,500.0		9 5/8		43.50 S-95	
12,829.7			Wolfcamp Middle (fin		12,910.0 ftKB Acid Frac	Liner		14,485.0		7 5/8		39.00 P110	
- 12,834.6 -				#		Liner		15,530.0		5		18.00	
12,849.1			3 1/2" CIBP in tailpipe; 12.849.0-12.849.5 ftKB;		Perforated; 12,912.0- 12,914.0 ftKB	Cement							
12,867.1			10/18/2004	H	Perforated; 12,934.0-	Des		Туре	44/44/	Start Date	Тор	(ftKB)	Btm (ftKB)
12,898.0			— Wolfcamp A (final)		Perforated; 12,918.0-	Surface Casing Cement	n a m t	Casing	11/11/			22.0	777.0
12,912.1						Intermediate Casing Cem Production Casing Ceme		Casing Casing	1/17/1			7,950.0	4,271.0 12,500.0
12,929.1			<u></u>	· .	ftKB Cement; Cement Plug;	Liner	an.	Casing	3/5/19			12.008.0	14,485.0
12.965.9			Wolfcomp R (final)	· Ł	14,105.0 ftKB	Liner		Casing	3/31/1			14,128.5	15,530.0
13,720,1			Wolfcomp R /final\ - Wolfcomp R /final\ - Perf guns; 14,020.0-		Liner; 7 5/8 in; 14,485.0	Cement Plug		Plug	7/16/1			15,354.0	15,389.0
14.069.9			CIBP; 14,105.0-14,108.0		Cement; Cement Plug;	Cement Plug		Plug	7/24/1	996		15,065.0	15,100.0
14.113.2			ftKB; 8/18/1998 \ TOL; 14,113.2; 3/31/1982	~	Perforated; 14,840.0-	Cement Plug		Plug	3/21/1	997		14,895.0	14,930.0
14,113.2			, JE, 17,110.2, 0/3//1902		14,844.0 ftKB Cement; Cement Plug;	Cement Plug		Plug	8/18/1			14,775.0	14,810.0
14,129.3			— Morrow (final) ————————————————————————————————————		14,930.0 ftKB	Cement Plug		Plug	8/18/1			14,070.0	14,105.0
14,774.9					Perforated; 14,952.0- 14,962.0 ftKB			Squeeze	9/4/19	98		9,128.0	9,172.0
14,774.9			CIBP; 14,810.0-14,812.0 ftKB; 8/18/1998		r Acidizing Liner; 6 1/2 in; 15,530.0	Tubing Strings							
14,839.9			CIBP; 14,930.0-14,932.0		ftKB	Tubing Description Tubing - Production		Run Date 10/18/2004			Set Depth (fth 12.867.0	(B)	
			ftKB; 3/18/1997		Cement; Cement Plug;	Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
- 14,961.9 -			CIBP; 15,100.0-15,102.0		Perforated; 15,151.0-	2 3/8" EUE 8rd L-80 4.7#	J		L-80	1	30.80	22.0	
15,102.0			ftKB; 7/24/1996 Mor Fill; 15,350.0-15,354.0	\Box	Cement; Cement Plug;	2 3/8" x 4' L-80 Tbg sub	2 3/		L-80	1	4.06	52.8	
- 15,171.9 -	1		ftKB; 7/20/1996 \		15,389.0 ftKB Perforated; 15,440.0-	2 3/8" x 8' L-80 Tbg sub	2 3/		L-80	1	8.08	56.9	
- 15,389.1 -	1		ftKB; 2/21/1995		√ 15,456.0 ftKB	2 3/8" EUE 8rd 4.7# L-80	•		L-80	415	12,763.02	64.9	
- 15,451.1 -	1		Wireline Tools; 15,451.0-		Acidizing _TD - Original Hole;	Baker Model L-10 on/off w/1.875" "F" Profile	Tool 2 3/	°		1	1.66	12,828.0	12,829.6
15,488.5			E 15,530.0 ftKB; 2/21/1995	91-	15,530.0 ftKB Liner; 5 in; 15,530.0 ftKB	1	I						
15,529.9	1			1/ [j [
XTO E	nerg	ıy				Page 1/2	2					Report Printed	d: 10/18/2022



Downhole Well Profile - with Schematic Well Name: POKER LAKE UNIT 053

12001							771001 00:00	0,112.00		10,000.0			.00		
	ΤV						Item Des		OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
MD (ftKB)	D (ftK	Incl (°)	Vertical so	chema	itic (act	ual)	2 3/8" EU 8rd box x bx x 4 1/2 EU pin b	2 3/8 8rd	2 3/8			1	1.35	12,82	9.6 12,831.0
()	(B)	()					Anchor Tbg SN 81F	447	2 3/8			1	0.67	12,83	1.0 12.831.6
			WA AN		TIVE	отнижения приняти по п	ModelK-36 4 1/2 x12	2.75# bx x	2 0/0				0.07	12,00	12,001.0
39.4			**************************************	Ш		Surface; 26 in; 777.0 ftKB	FA Retainer Producti		6.2			1	3.15	12,83	1.6 12,834.8
- 65.0 -		-		Н		Intermediate; 17 1/2 in;	Packer 89FA47							, ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
733.9				Ш		4,271.0 ftKB	4 1/2 x 15.5 P110 PI	H6 Tbg	2 3/8			1	31.64	12,83	4.8 12,866.4
- 776.9 -				Ш		Intermediate 1; 13 3/8 in; 4,271.0 ftKB	4 1/2 x Wireline Entr	y Guide	2 3/8			1	0.59	12,86	6.4 12,867.0
- 3,840.2 -			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Ш		Production; 12 1/4 in;	Other In Hole	-							
- 4,270.0 -				Ш		12,500.0 ftKB Cement; Cement	Run Date		Des		OD (in)		Top (ftKB)		Btm (ftKB)
			— Lower Brishy Canyo	Ш	[2]	Squeeze, Casing Leak;	2/21/1995	Wireline	Tools			4	1:	5,451.0	15,530.0
7,950.1			Lower Brishy Canyo TOC; 7,950.0; 1/17/1982 — Avalon (final)			9,172.0 ftKB Production; 9 5/8 in;	2/21/1995	CIBP				4 1/2	1:	5,389.0	15,390.0
9,032.8			Csg Leak; 9,126.0-9,172.0]	1	12,500.0 ftKB	7/20/1996	Fill				4 1/2	1:	5,350.0	15,354.0
9,171.9			ftKB; 8/19/1998		1	FA Retainer Production Packer 89FA47; 6.20 in;	7/24/1996	CIBP				4 1/2	1:	5,100.0	15,102.0
- 11,559.1 -			— vvoitcamp (tinai) ————			- 12,831.6 ftKB	3/18/1997	CIBP				4 1/2	1.	4,930.0	14,932.0
- 11,996.4 -			TOL; 11,988.8; 3/4/1982		<u>, </u>	Perforated; 12,841.0- 12,847.0 ftKB	8/18/1998	CIBP				4 1/2	1-	4,810.0	14,812.0
- 12,450,1 -					[Perforated; 12,896.0-	8/18/1998	CIBP				6.62	1.	4,105.0	14,108.0
12.500.0						12,898.0 ftKB Perforated: 12,905.0-	8/19/1998	Csg Lea	k			10	!	9,126.0	9,172.0
			— Wolfcamp Middle (fin			12,910.0 ftKB	9/18/1998	Perf gun	ıs			4 1/2	1.	4,020.0	14,070.0
- 12,829.7 -						- Acid Frac - Acidizing	10/18/2004	3 1/2" C	IBP in tailpip	е		1.9	1:	2,849.0	12,849.5
12,834.6			3 1/2" CIBP in tailpipe:	TF		Perforated; 12,912.0-	Perforations								
12,849.1			12,849.0-12,849.5 ftKB;	HI		12,914.0 ftKB Perforated; 12,934.0-	Date		Top (ftKB)		Btm (ftKB)			Linked Zone	
12,867.1			10/18/2004 — Wolfcamp A (final)	1 "		12,944.0 ftKB			, , ,		, ,				
- 12,898.0 -			(11.27)	1		Perforated; 12,918.0- 12,929.0 ftKB	10/19/2004		12	2,841.0	12	2,847.0			
- 12,912.1 -				1	†	Liner; 8 1/2 in; 14,485.0	9/16/1998		12	2,896.0	12	2,898.0			
- 12,929.1 -	L.		_	4	ļ.—	ftKB	9/16/1998		12	2,905.0	12	2,910.0			
			M 15 - 5 75 - 15	1		Cement; Cement Plug;	9/16/1998		12	2,912.0	12	2,914.0			
12,965.9			Wolfcomp C (final) Perf guns; 14,020.0-			Liner; 7 5/8 in; 14,485.0	9/16/1998			2,918.0		2,929.0			
- 13,720.1 -						ftKB	9/16/1998		12	2,934.0	12	2,944.0			
- 14,069.9 -			CIBP; 14,105.0-14,108.0 \			14,810.0 ftKB	3/25/1997			1,840.0		1,844.0			
- 14,113.2 -			TOL; 14,113.2; 3/31/1982	L		Perforated; 14,840.0- 14,844.0 ftKB	7/26/1996			1,952.0		1,962.0			
- 14,129.3 -			—Morrow (final)			Cement; Cement Plug;	7/19/1996			5,151.0		5,172.0			
14,443.9			— MOTOW (IIIIal)		i	f 14,930.0 ftKB Perforated; 14,952.0-	5/30/1982			5,440.0		5,456.0			
- 14.774.9 -			OIDD: 44 940 C 44 040 C		<u> </u>	14,962.0 ftKB	Stimulation Intervals	S		.,		,			
14,839.9			CIBP; 14,810.0-14,812.0 ftKB; 8/18/1998			Acidizing Liner; 6 1/2 in; 15,530.0	Interval Number		(ftKB)	Btm (ftKE	3)	AIR (bbl/m	in) MIF	(bbl/min)	Proppant Total (lb)
			CIBP; 14,930.0-14,932.0			ftKB	1		15,440.0	1;	5,456.0				0.0
- 14,930.1 -	1		ftKB; 3/18/1997			Cement; Cement Plug;	1		12,896.0	12	2,944.0				0.0
- 14,961.9 -			CIBP; 15,100.0-15,102.0	-	<u> </u>	Perforated; 15,151.0-	2		14,952.0	14	4,962.0				0.0
- 15,102.0 -		-	ftKB: 7/24/1996			15,172.0 ftKB Cement; Cement Plug;	3		12,896.0	12	2,944.0				0.0
- 15,171.9 -			— Mor Fill; 15,350.0-15,354.0 ftKB; 7/20/1996 \		-	15,389.0 ftKB									
- 15,389.1 -			CIBP; 15,389.0-15,390.0			Perforated; 15,440.0- 15,456.0 ftKB									
- 15,451.1 -			ftKB; 2/21/1995		-	Acidizing									
15,488.5			Wireline Tools; 15,451.0-	12	·	TD - Original Hole; 15,530.0 ftKB									
			—E 15,530.0 ftKB; 2/21/1995	-71		Liner; 5 in; 15,530.0 ftKB									
- 15,529.9 -					•		I								
XTO E	nerç	JУ					Page	e 2/2						Report Prin	ited: 10/18/2022

Sundry ID 2698980

Sullary ID	2030300		1	r	1	
				_		
Plug Type	Тор	Bottom	Length	Tag	Sacks	Notes
						Perf and squeeze
						from 100' to surface.
				L		Verify at surface. (In
Surface Plug	0.00			Tag/Verify	60.00	32 sxs/Out 28 sxs)
Shoe Plug	719.23	827.00	107.77	Tag/Verify		
						Perf and squeeze
						from 1002' to 719'.
						(In 90 sxs/ Out 78
				_ ,,,,		sxs) WOC and Tag.
Top of Salt @ 900	841.00			Tag/Verify	168.00	Class C.
Base of Salt @ 4092	4001.08			Tag/Verify		
Shoe Plug	4178.29			Tag/Verify		
Delaware @ 4316	4222.84	4366.00	143.16	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		Perf and squeeze
				CIBP if no		from 4559' to 4001'.
				Open		WOC and Tag. (In
				Perforatio		177 sxs/Out 147
Morrow @ 4509	4413.91	4559.00	145.09	ns	324.00	sxs) Class C.

m
m
C
H.

Wolfcamp @ 11562		11612.00 12038.00	215.62 219.88			Spot cement from 11612' to 11396'. Class H.
TOL @ 11988		12038.00		base no		
Shoe Plug		12565.00		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		Set CIBP at 12791'. Leak test CIBP. Spot cement from 12791' to 12339'. WOC and Tag.
CIBP Plug	12756 00	12791.00	35.00		105.00	Class H.
Perforations Plug (If No CIBP)		12994.00		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		Tag top of CIBP at
				Open		14105' and dump
				Perforatio		bail 35' on top. Class
CIBP Plug	14070.00	14105.00	35.00	ns	8.00	H.
Shoe Plug	14290.15	14535.00	244.85	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 @	777.00		
Shoe @	4271.00		
Shoe @	12515.00	TOC @	7950.00
Shoe @	14485.00	TOC @	12008.00
Doufouctons Ton ®	40044.00	Doufouetions	42044.00
Perforatons Top @	12841.00	Perforations	12944.00

CIBP @ 14105.00 CIBP @ 12791.00

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 (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; 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. 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 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. 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.

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.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:

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. 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 165855

CONDITIONS

Operator:	OGRID:
XTO PERMIAN OPERATING LLC.	373075
6401 HOLIDAY HILL ROAD	Action Number:
MIDLAND, TX 79707	165855
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	12/15/2022