

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy Minerals and Natural Resources

SEP 12 2018

Form C-101
Revised July 18, 2013

Oil Conservation Division

DISTRICT II-ARTESIA 6.0.D. AMENDED REPORT

1220 South St. Francis Dr.

Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address BOPCO, LP 6401 Holiday Hill Rd, Bldg 5, Midland, TX 79707		2. OGRID Number 260737
3. Property Code 322436		4. Property Name POKER LAKE UNIT 36 DTD STATE SWD
5. API Number 30-015-45237		6. Well No. 1

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	36	24S	30E		660	NORTH	660	EAST	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

Pool Name SWD; Devonian	Pool Code 96101
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Additional Well Information

11. Work Type NW	12. Well Type S	13. Cable/Rotary R	14. Lease Type STATE	15. Ground Level Elevation 3,438'
16. Multiple	17. Proposed Depth 17,900'	18. Formation DEVONIAN	19. Contractor	20. Spud Date ASAP
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	24	18.625	J-55 87.5# BTC	960'	1570	0'
Inter	17.5	13.375	HCL-80 68# BTC	4,100'	3505	0'
Prod	12.25	9.625	P-110 53.5# BTC	12,100'	2300	3,500'

Casing/Cement Program: Additional Comments

Prod Liner: 8.5" hole, 7" P-110 32# BTC csg @ 11,800'-16,800' w/745sx cmt. TOC @ 11,800'. Prod hole: 6" 16,800'-17,900'

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Cameron Double Ram	10,000psi	5,000psi	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒, if applicable.

Signature: *Kelly Kardos*

Printed name: Kelly Kardos

Title: Regulatory Coordinator

E-mail Address: kelly_kardos@xtoenergy.com

Date: 09-11-18

Phone: 432-620-4374

OIL CONSERVATION DIVISION

Approved By:

Raymond W. Polansky

Title:

Geologist

Approved Date: 9-14-18

Expiration Date: 9-14-20

Conditions of Approval Attached *Approved C-108.*

SEP 12 2018

Form C-102

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised August 1, 2011

DISTRICT II-ARTESIA O.G.D. Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30.015-45237	² Pool Code 96101	³ Pool Name SWD; DEVONIAN
⁴ Property Code 322436	⁵ Property Name POKER LAKE UNIT 36 DTD STATE SWD	
⁷ OGRID No. 260737	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁶ Well Number 1
		⁹ Elevation 3,438'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	36	24 S	30 E		660	NORTH	660	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 0	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶		¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Kelly Kardos 09/11/18 Signature Date Kelly Kardos Printed Name kelly_kardos@xtoenergy.com E-mail Address
¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 06-15-2018 Date of Survey Signature and Seal of Professional Surveyor: 		
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 429,441.7 X= 656,545.5 LAT.= 32.179640°N LONG.= 103.827353°W CORNER COORDINATES TABLE NAD 27 NME A - Y= 430,098.9 N, X= 654,530.1 E B - Y= 430,102.6 N, X= 657,202.2 E C - Y= 427,464.6 N, X= 657,215.1 E D - Y= 427,461.2 N, X= 654,549.6 E	GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 429,500.2 X= 697,729.9 LAT.= 32.179764°N LONG.= 103.827836°W CORNER COORDINATES TABLE NAD 83 NME A - Y= 430,157.5 N, X= 695,714.4 E B - Y= 430,161.2 N, X= 698,386.6 E C - Y= 427,523.1 N, X= 698,399.6 E D - Y= 427,519.7 N, X= 695,734.0 E	MARK DILLON HARP 23786 Certificate Number RR 2018051185

RWP 9-14-18

PLU Dog Town Draw 36 SWD #1

Proposed SWD Schematic (Sept 10, 2018)

County: Eddy
SHL: 660' FNL, 660' FEL
Sec 36, T 24S, R 30E

BHL: 660' FNL, 660' FEL
Sec 36, T 24S, R 30E



AFE # 1802747
XTO ID # N/A
API # N/A
Elevation GL 3438', KB 3468' (30' AGL)
Rig: TBD (RKB 30')

Geology	Casing & Cement	Wellhead	Hole Size	General Notes
(Tech Data Sheet)				
<i>TVD Formation</i>				
672' Rustler	<u>Lead (100% OH excess)</u> 890 sx 12.8ppg Poz/C Top of Lead @ 0 <u>Tail (100% OH excess)</u> 680 sx 14.8ppg Class C Top of Tail @ 660' 18-5/8" 87.5# J-55 BTC	960' MD	24"	
1,255' Top Salt	<u>Lead (150% OH excess)</u> 2820 sx 12.8ppg Poz/C Top of Lead @ 0 <u>Tail (100% OH excess)</u> 685 sx 14.8ppg Class C Top of Tail @ 3500' 13-3/8" 68# HCL-80 BTC	4100' MD	17-1/2"	
4,204' Delaware	<u>Lead (100% OH excess)</u> 1900 sx 11.5ppg Poz/H Top of Lead @ 3500' <u>Tail (100% OH excess)</u> 400 sx 14.8ppg Poz/H Top of Tail @ 11400' 9-5/8" 53.5# P-110 BTC	11800' MD	12-1/4"	
8,090' Bone Spring				
11,393' Wolfcamp				
11,946' Wolfcamp B		12100' MD		
13,996' Strawn				
14,129' Atoka				
14,583' Morrow	<u>Tail (40% OH excess)</u> 745 sx 14.5ppg Poz/H Top of Tail @ 11800' 7" 32# P-110 BTC	16800' MD	8-1/2"	
16,243' Mississippian Lm				
16,618' Woodford				
16,778' Devonian				
17,900' TVD at BHL	Open hole completion	17,900' MD		
17,921' Montoya		17,900' TVD	6"	
Approvals				
Prepared by: _____	Peer Reviewed by: _____ Date _____			
Reviewed by: _____	Approved by: _____			