

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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45827	² Pool Code 97975	³ Pool Name WC-015606-52431190 Bone Springs
⁴ Property Code 328310	⁵ Property Name POKER LAKE UNIT 13 DTD	⁶ Well Number 705H
⁷ OGRID No. 373078	⁸ Operator Name XTO PERMIAN OPERATING, LLC	⁹ Elevation 3,471'

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
B	24	24 S	30 E		512	NORTH	2,205	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
G	36	24 S	30 E		2,440	NORTH	2,310	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

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.

	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 440,149.6 X= 654,957.8 LAT.= 32.209096°N LONG.= 103.832323°W FIRST TAKE POINT NAD 27 NME Y= 440,331.0 X= 654,852.1 LAT.= 32.209596°N LONG.= 103.832662°W CORNER COORDINATES TABLE NAD 83 NME <table border="1"> <tr><td>A - Y= 440,718.6 N, X= 695,668.2 E</td></tr> <tr><td>B - Y= 440,723.1 N, X= 697,006.5 E</td></tr> <tr><td>C - Y= 438,079.8 N, X= 695,677.6 E</td></tr> <tr><td>D - Y= 438,084.4 N, X= 697,016.3 E</td></tr> <tr><td>E - Y= 435,438.2 N, X= 695,687.0 E</td></tr> <tr><td>F - Y= 435,442.2 N, X= 697,026.2 E</td></tr> <tr><td>G - Y= 432,798.6 N, X= 695,700.7 E</td></tr> <tr><td>H - Y= 432,801.0 N, X= 697,038.3 E</td></tr> <tr><td>I - Y= 430,157.5 N, X= 695,714.4 E</td></tr> <tr><td>J - Y= 430,159.4 N, X= 697,050.5 E</td></tr> <tr><td>K - Y= 427,519.7 N, X= 695,734.0 E</td></tr> <tr><td>L - Y= 427,521.4 N, X= 697,066.8 E</td></tr> </table> CORNER COORDINATES TABLE NAD 27 NME <table border="1"> <tr><td>A - Y= 440,659.8 N, X= 654,484.2 E</td></tr> <tr><td>B - 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Signature _____ Date _____ Printed Name _____ E-mail Address _____
	A - Y= 440,718.6 N, X= 695,668.2 E																																																		
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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. 06-25-2018 Date of Survey Signature and Seal of Professional Surveyor: _____ MARK DILLON HARP 23786 Certificate Number JC 2018010157																																																			

RWP 4-10-19



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well #705H
Company:	XTO Energy	TVD Reference:	RKB = 27' @ 3498.00usft
Project:	Eddy County, NM (NAD-27)	MD Reference:	RKB = 27' @ 3498.00usft
Site:	Poker Lake Unit 13 DTD	North Reference:	Grid
Well:	#705H	Survey Calculation Method:	Minimum Curvature
Wellbore:	PERMIT		
Design:	PERMIT		

Project	Eddy County, NM (NAD-27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Poker Lake Unit 13 DTD		
Site Position:		Northing:	440,468.50 usft
From:	Map	Easting:	652,098.50 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.210009
		Longitude:	-103.841563
		Grid Convergence:	0.26 °

Well	#705H		
Well Position	+N-S	-318.90 usft	Northing:
	+E-W	2,859.30 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft
		Latitude:	32.209096
		Longitude:	-103.832324
		Ground Level:	3,471.00 usft

Wellbore	PERMIT		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2015	8/15/2018	6.95
			Dip Angle
			(°)
			59.99
			Field Strength
			(nT)
			47,782

Design	PERMIT		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.00
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction
			(°)
			179.76

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N-S	+E-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,295.13	5.90	352.42	2,294.61	15.06	-2.00	2.00	2.00	0.00	352.42	
9,502.39	5.90	352.42	9,463.66	749.77	-99.72	0.00	0.00	0.00	0.00	
10,459.31	89.84	179.76	10,095.00	181.40	-105.70	10.00	8.77	-18.04	-172.62	PLU13DTD #705H:
23,000.96	89.84	179.76	10,130.63	-12,360.10	-54.13	0.00	0.00	0.00	0.00	PLU13DTD #705H:
23,130.97	89.84	179.76	10,131.00	-12,490.10	-53.60	0.00	0.00	0.00	0.00	PLU13DTD #705H: