

MAR 29 2019

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

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☐ AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45846	² Pool Code 98220	³ Pool Name Purple Sage Wolfcamp
⁴ Property Code 325339	⁵ Property Name POKER LAKE UNIT 25 BD	
⁷ OGRID No. 373075	⁸ Operator Name XTO PERMIAN OPERATING, LLC.	⁶ Well Number 102H
		⁹ Elevation 3,343'

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
E	25	25 S	30 E		2,560	NORTH	772	WEST	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
E	12	26 S	30 E		2,440	NORTH	980	WEST	EDDY

¹² Dedicated Acres 9.60	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.

	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 400,944.6 X= 652,665.1 LAT.= 32.101353°N LONG.= 103.840317°W FIRST TAKE POINT NAD 27 NME Y= 400,493.4 X= 652,872.0 LAT.= 32.100110°N LONG.= 103.839655°W CORNER COORDINATES TABLE NAD 27 NME A - Y= 400,845.0 N, X= 653,224.3 E B - Y= 400,838.4 N, X= 651,892.9 E C - Y= 398,185.5 N, X= 653,217.9 E D - Y= 398,177.1 N, X= 651,887.1 E E - Y= 395,525.4 N, X= 653,229.4 E F - Y= 395,514.7 N, X= 651,898.9 E G - Y= 392,863.6 N, X= 653,241.1 E H - Y= 392,853.4 N, X= 651,911.2 E I - Y= 390,201.1 N, X= 653,258.7 E J - Y= 390,191.2 N, X= 651,926.3 E K - Y= 387,545.4 N, X= 653,287.5 E L - Y= 387,538.8 N, X= 651,963.9 E M - Y= 384,877.1 N, X= 653,290.3 E N - Y= 384,869.5 N, X= 651,959.6 E CORNER COORDINATES TABLE NAD 83 NME A - Y= 400,902.9 N, X= 694,409.7 E B - Y= 400,896.3 N, X= 693,078.2 E C - Y= 398,243.4 N, X= 694,403.4 E D - Y= 398,235.0 N, X= 693,072.5 E E - Y= 395,583.2 N, X= 694,415.0 E F - Y= 395,572.5 N, X= 693,084.4 E G - Y= 392,921.4 N, X= 694,426.7 E H - Y= 392,911.2 N, X= 693,096.8 E I - Y= 390,258.8 N, X= 694,444.4 E J - Y= 390,248.9 N, X= 693,112.0 E K - Y= 387,603.0 N, X= 694,473.3 E L - Y= 387,596.5 N, X= 693,149.7 E M - Y= 384,934.7 N, X= 694,476.2 E N - Y= 384,927.1 N, X= 693,145.5 E LAST TAKE POINT NAD 27 NME Y= 385,233.6 X= 652,940.2 LAT.= 32.058161°N LONG.= 103.839660°W BOTTOM HOLE LOCATION NAD 27 NME Y= 385,103.6 X= 652,940.0 LAT.= 32.057804°N LONG.= 103.839663°W	GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 401,002.5 X= 693,850.4 LAT.= 32.101478°N LONG.= 103.840797°W FIRST TAKE POINT NAD 83 NME Y= 400,551.3 X= 694,057.4 LAT.= 32.100235°N LONG.= 103.840135°W CORNER COORDINATES TABLE NAD 83 NME A - Y= 400,902.9 N, X= 694,409.7 E B - Y= 400,896.3 N, X= 693,078.2 E C - Y= 398,243.4 N, X= 694,403.4 E D - Y= 398,235.0 N, X= 693,072.5 E E - Y= 395,583.2 N, X= 694,415.0 E F - Y= 395,572.5 N, X= 693,084.4 E G - Y= 392,921.4 N, X= 694,426.7 E H - Y= 392,911.2 N, X= 693,096.8 E I - Y= 390,258.8 N, X= 694,444.4 E J - Y= 390,248.9 N, X= 693,112.0 E K - Y= 387,603.0 N, X= 694,473.3 E L - Y= 387,596.5 N, X= 693,149.7 E M - Y= 384,934.7 N, X= 694,476.2 E N - Y= 384,927.1 N, X= 693,145.5 E LAST TAKE POINT NAD 83 NME Y= 385,291.2 X= 694,126.1 LAT.= 32.058286°N LONG.= 103.840138°W BOTTOM HOLE LOCATION NAD 83 NME Y= 385,161.2 X= 694,125.9 LAT.= 32.057929°N LONG.= 103.840141°W	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. Signature _____ Date _____ Printed Name _____ 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. 03-26-2018 Date of Survey Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number AW 2018010047		

RP4-11-19



Project: Eddy County, NM (NAD-27)
Site: PLU 25 Brushy Draw
Well: #102H
Wellbore: OH
Design: PERMIT

PROJECT DETAILS: Eddy County, NM (NAD-27)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

WELL DETAILS: #102H

Rig Name: RKB-27 @ 3370.00usft
Ground Level: 3343.00
+N/-S 0.00 +E/-W 0.00 Northing 400944.60 Easting 652665.10 Latitude 32.101353 Longitude -103.840316

DESIGN TARGET DETAILS

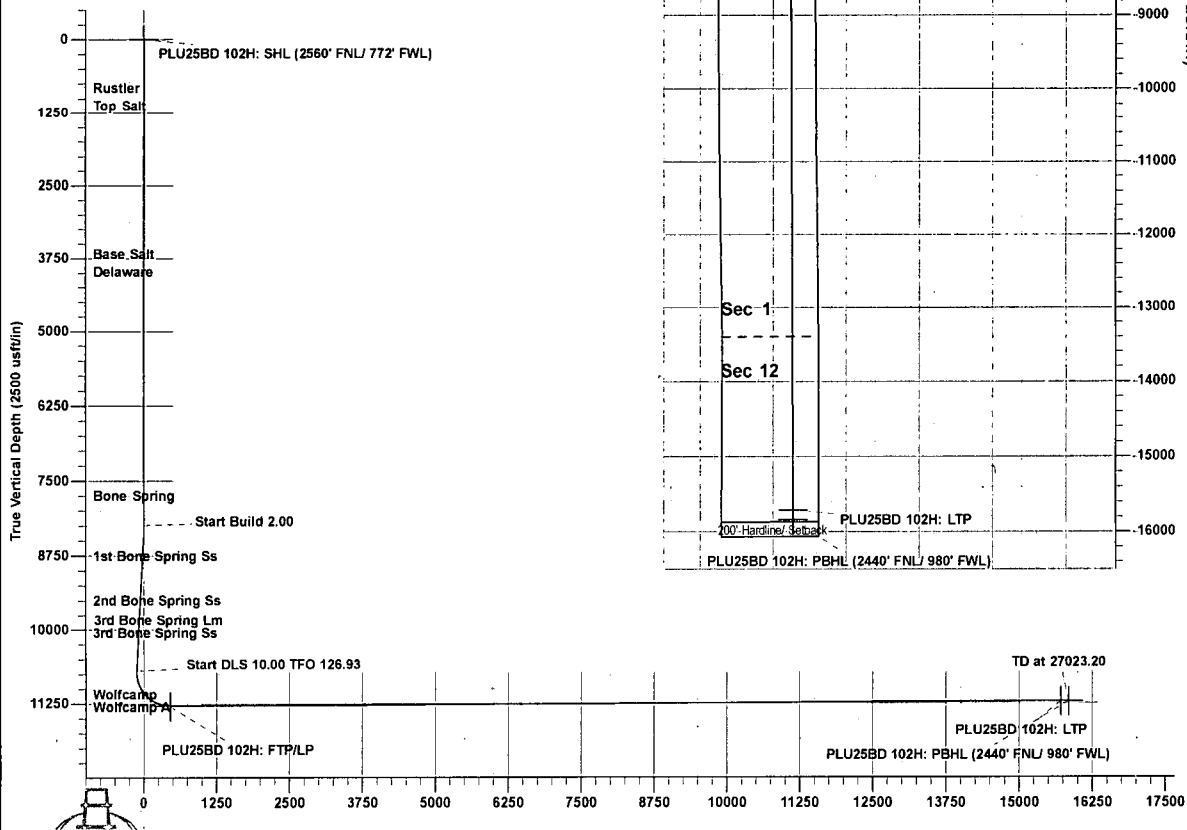
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PLU25BD 102H: SHL (2560' FNL/ 772' FWL)	0.00	0.00	0.00	400944.60	652665.10	32.101353	-103.840316	Point
PLU25BD 102H: PBHL (2440' FNL/ 980' FWL)	11218.00	-15941.00	274.90	385103.60	652940.00	32.057804	-103.839663	Point
PLU25BD 102H: LTP	11218.83	-15711.00	275.10	385233.60	652840.20	32.058161	-103.839660	Point
PLU25BD 102H: FTP/LP	11293.00	-451.20	206.90	400493.40	652872.00	32.100110	-103.839655	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	8235.00	0.00	0.00	8235.00	0.00	0.00	0.00	0.00	0.00
3	8484.88	5.00	52.70	8484.57	6.60	8.66	2.00	52.70	-6.56
4	10700.19	5.00	52.70	10691.45	123.56	162.17	0.00	0.00	-122.85
5	11633.06	90.28	179.75	11293.00	-451.20	206.90	10.00	128.93	452.10
6	26893.20	90.28	179.75	11218.63	-15711.00	274.33	0.00	0.00	15712.05
7	27023.20	90.28	179.75	11218.00	-15841.00	274.90	0.00	0.00	15842.05

FORMATION TOP DETAILS

TVDPath	Formation
955.00	Rustler
1252.00	Top Salt
3804.00	Base Salt
4011.00	Delaware
7878.00	Bone Spring
8884.00	1st Bone Spring Ss
9625.00	2nd Bone Spring Ss
10064.00	3rd Bone Spring Lm
10824.00	3rd Bone Spring Ss
11228.00	Wolfcamp
11293.00	LP



The customer should only rely on this document after independently verifying all paths, targets, coordinates, lease and hard lines represented. Any decisions made or wells drilled utilizing this or any other information supplied by Prototype are at the sole risk and responsibility of the customer.

Vertical Section at 179.75° (2500 usft/in)

Plan: PERMIT (#102H/OH)

Created By: Prototype Well Planning, LLC Date: 10/10/2018