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1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-6120
District II
811 S. First St., Artesia, NM 88210
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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

NM OIL CONSERVATION
ARTESIA DISTRICT
MAR 29 2019
RECEIVED

NM OIL CONSERVATION
ARTESIA DISTRICT

State of New Mexico

Form C-102

Energy, Minerals & Natural Resources Department

Revised August 1, 2011

OIL CONSERVATION DIVISION

Submit one copy to appropriate

1220 South St. Francis Dr.

RECEIVED

District Office

Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45851	² Pool Code 98220	³ Pool Name Purple Sage WFMP
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 128H
		⁹ Elevation 3,366'

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
H	25	25 S	30 E		2,310	NORTH	630	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
H	12	26 S	30 E		2,440	NORTH	360	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. 361
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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	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 401,214.5 X= 656,608.4 LAT.= 32.102045°N LONG.= 103.827575°W FIRST TAKE POINT NAD 27 NME Y= 400,519.0 X= 656,878.0 LAT.= 32.100130°N LONG.= 103.826718°W CORNER COORDINATES TABLE NAD 27 NME A - Y= 400,858.3 N, X= 655,898.7 E B - Y= 400,865.0 N, X= 657,241.6 E C - Y= 398,202.5 N, X= 655,881.3 E D - Y= 398,211.1 N, X= 657,213.7 E E - Y= 395,546.9 N, X= 655,895.0 E F - Y= 395,557.6 N, X= 657,230.1 E G - Y= 392,884.7 N, X= 655,901.2 E H - Y= 392,895.8 N, X= 657,231.3 E I - Y= 390,220.8 N, X= 655,917.8 E J - Y= 390,230.7 N, X= 657,244.6 E K - Y= 387,558.5 N, X= 655,934.4 E L - Y= 387,565.0 N, X= 657,257.9 E M - Y= 384,892.1 N, X= 655,946.1 E N - Y= 384,899.6 N, X= 657,271.3 E CORNER COORDINATES TABLE NAD 83 NME A - Y= 400,916.2 N, X= 697,084.1 E B - Y= 400,922.9 N, X= 698,427.0 E C - Y= 398,260.4 N, X= 697,066.8 E D - Y= 398,269.0 N, X= 698,399.2 E E - Y= 395,604.7 N, X= 697,080.6 E F - Y= 395,615.4 N, X= 698,415.7 E G - Y= 392,942.5 N, X= 697,086.9 E H - Y= 392,953.5 N, X= 698,417.0 E I - Y= 390,278.5 N, X= 697,103.6 E J - Y= 390,288.4 N, X= 698,430.4 E K - Y= 387,616.1 N, X= 697,120.3 E L - Y= 387,622.8 N, X= 698,443.8 E M - Y= 384,949.7 N, X= 697,132.1 E N - Y= 384,957.2 N, X= 698,457.3 E LAST TAKE POINT NAD 27 NME Y= 385,253.3 X= 656,909.5 LAT.= 32.058165°N LONG.= 103.826848°W BOTTOM HOLE LOCATION NAD 27 NME Y= 385,123.3 X= 656,910.1 LAT.= 32.057807°N LONG.= 103.826848°W	GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 401,272.4 X= 697,794.8 LAT.= 32.102169°N LONG.= 103.828055°W FIRST TAKE POINT NAD 83 NME Y= 400,576.9 X= 698,063.4 LAT.= 32.100254°N LONG.= 103.827198°W CORNER COORDINATES TABLE NAD 83 NME A - Y= 400,916.2 N, X= 697,084.1 E B - Y= 400,922.9 N, X= 698,427.0 E C - Y= 398,260.4 N, X= 697,066.8 E D - Y= 398,269.0 N, X= 698,399.2 E E - Y= 395,604.7 N, X= 697,080.6 E F - Y= 395,615.4 N, X= 698,415.7 E G - Y= 392,942.5 N, X= 697,086.9 E H - Y= 392,953.5 N, X= 698,417.0 E I - Y= 390,278.5 N, X= 697,103.6 E J - Y= 390,288.4 N, X= 698,430.4 E K - Y= 387,616.1 N, X= 697,120.3 E L - Y= 387,622.8 N, X= 698,443.8 E M - Y= 384,949.7 N, X= 697,132.1 E N - Y= 384,957.2 N, X= 698,457.3 E LAST TAKE POINT NAD 83 NME Y= 385,310.9 X= 698,095.5 LAT.= 32.058289°N LONG.= 103.827325°W BOTTOM HOLE LOCATION NAD 83 NME Y= 385,180.9 X= 698,096.1 LAT.= 32.057932°N LONG.= 103.827325°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. 03-14-2018 Date of Survey Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number		23786 NEW MEXICO PROFESSIONAL SURVEYOR
	2018010059		
	AI		

RWP 4-12-19



Project: Eddy County, NM (NAD-27)
Site: PLU 25 Brushy Draw
Well: #128H
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: #128H

Rig Name: RK9-27 @ 3393.00usft
Ground Level: 3366.00
+N/-S +E/-W Northing Easting Latitude Longitude
0.00 0.00 401214.50 656609.40 32.102045 -103.827575

DESIGN TARGET DETAILS

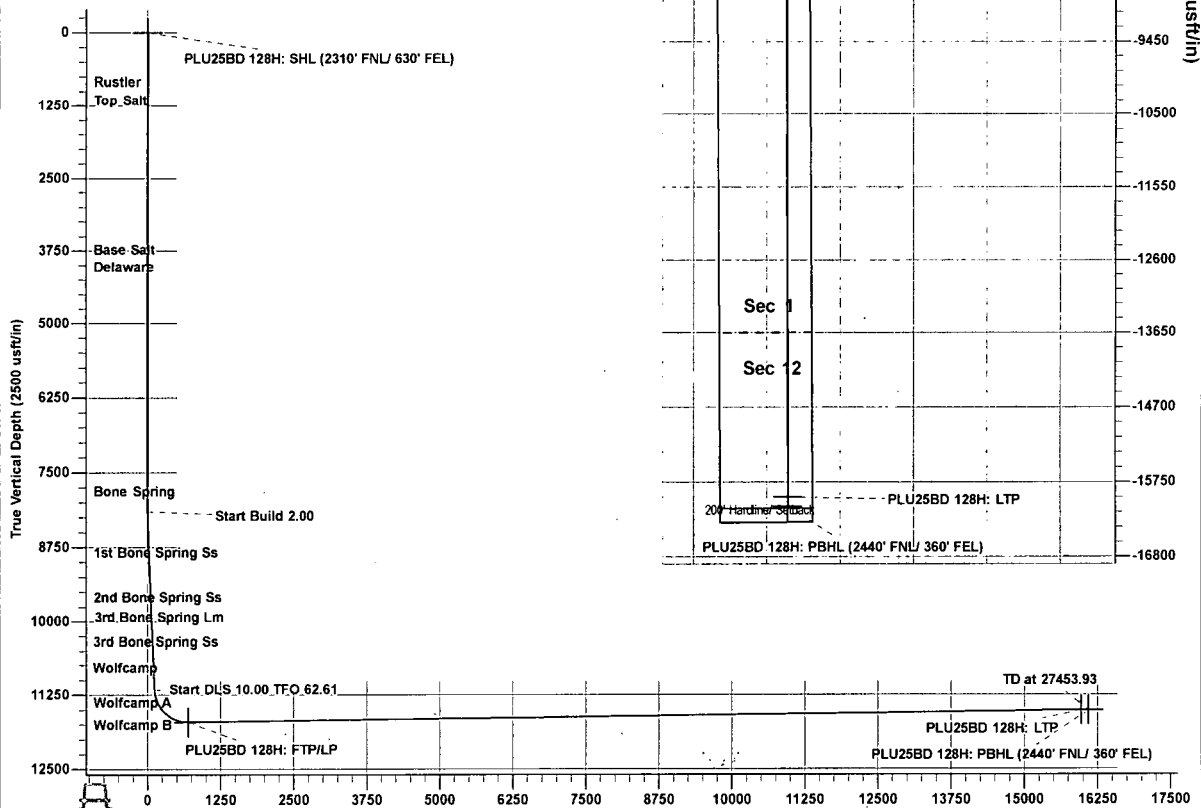
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PLU25BD 128H: SHL (2310' FNL/ 630' FEL)	0.00	0.00	0.00	401214.50	656609.40	32.102045	-103.827575	Point
PLU25BD 128H: PBHL (2440' FNL/ 360' FEL)	11513.00	-16091.20	300.70	385123.30	656910.10	32.057807	-103.826848	Point
PLU25BD 128H: LTP	11514.66	-15961.20	300.10	385253.30	656909.50	32.058165	-103.826848	Point
PLU25BD 128H: FTP/LP	11710.00	-595.50	268.60	400519.00	656878.00	32.100130	-103.826718	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	8150.00	0.00	0.00	8150.00	0.00	0.00	0.00	0.00	0.00
3	8399.86	5.00	117.30	8399.54	-4.99	9.68	2.00	117.30	5.02
4	11172.62	5.00	117.30	11161.77	-115.79	224.29	0.00	0.00	116.26
5	12058.94	90.73	179.88	11710.00	-695.50	268.60	10.00	62.61	698.06
6	27323.92	90.73	179.88	11514.66	-15961.20	300.43	0.00	0.00	15961.79
7	27453.93	90.73	179.88	11513.00	-16091.20	300.70	0.00	0.00	16091.79

FORMATION TOP DETAILS

TVDPPath	Formation
966.00	Rustler
1287.00	Top Salt
3860.00	Base Salt
4063.00	Delaware
7946.00	Bone Spring
8967.00	1st Bone Spring Ss
9716.00	2nd Bone Spring Ss
10159.00	3rd Bone Spring Lm
10917.00	3rd Bone Spring Ss
11323.00	Wolfcamp
11510.00	Wolfcamp A
11710.00	LP



The customer should only rely on this document after independently verifying all paths, targets, coordinates, base 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 179.88° (2500 usft/in)

Plan: PERMIT (#128H/OH)

Created By: Prototype Well Planning, LLC Date: 11/02 July 16 2018