

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45508	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp
⁴ Property Code 322935	⁵ Property Name POKER LAKE UNIT 28 BS	
⁷ OGRID No. 260737	⁸ Operator Name BOPCO, L.P.	⁶ Well Number 125H
		⁹ Elevation 3339'

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
G	28	25 S	31 E		2,310	NORTH	1,980	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
O	4	26 S	31 E		200	SOUTH	2,310	EAST	EDDY

¹² Dedicated Acres 800	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSP Pending
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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.

<p>¹⁰ GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y = 401,300.3 X = 671,201.1 LAT. = 32.102084°N LONG. = 103.780453°W</p> <p>FIRST TAKE POINT NAD 27 NME Y = 400,616.2 X = 670,869.8 LAT. = 32.100208°N LONG. = 103.781534°W</p> <p>CORNER COORDINATES TABLE NAD 27 NME</p> <table style="font-size: small;"> <tr><td>A - Y = 400,958.5 N, X = 670,521.7 E</td></tr> <tr><td>B - Y = 400,962.8 N, X = 671,850.9 E</td></tr> <tr><td>C - Y = 398,304.2 N, X = 670,514.6 E</td></tr> <tr><td>D - Y = 398,312.1 N, X = 671,845.7 E</td></tr> <tr><td>E - Y = 395,852.3 N, X = 670,528.0 E</td></tr> <tr><td>F - Y = 395,661.9 N, X = 671,859.4 E</td></tr> <tr><td>G - Y = 393,002.3 N, X = 670,543.3 E</td></tr> <tr><td>H - Y = 393,012.5 N, X = 671,873.1 E</td></tr> <tr><td>I - Y = 390,337.1 N, X = 670,552.3 E</td></tr> <tr><td>J - Y = 390,347.9 N, X = 671,881.5 E</td></tr> <tr><td>K - Y = 387,673.5 N, X = 670,561.3 E</td></tr> <tr><td>L - Y = 387,683.4 N, X = 671,889.6 E</td></tr> </table> <p>CORNER COORDINATES TABLE NAD 83 NME</p> <table style="font-size: small;"> <tr><td>A - Y = 401,014.4 N, X = 711,707.3 E</td></tr> <tr><td>B - Y = 401,020.7 N, X = 713,036.5 E</td></tr> <tr><td>C - Y = 398,382.0 N, X = 711,700.3 E</td></tr> <tr><td>D - Y = 398,369.9 N, X = 713,031.4 E</td></tr> <tr><td>E - Y = 395,710.0 N, X = 711,714.8 E</td></tr> <tr><td>F - Y = 395,719.8 N, X = 713,045.2 E</td></tr> <tr><td>G - Y = 393,080.0 N, X = 711,729.2 E</td></tr> <tr><td>H - Y = 393,070.2 N, X = 713,059.0 E</td></tr> <tr><td>I - Y = 390,394.7 N, X = 711,738.3 E</td></tr> <tr><td>J - Y = 390,405.5 N, X = 713,067.5 E</td></tr> <tr><td>K - Y = 387,731.1 N, X = 711,747.4 E</td></tr> <tr><td>L - Y = 387,741.0 N, X = 713,075.8 E</td></tr> </table> <p>LAST TAKE POINT NAD 27 NME Y = 388,006.0 X = 670,807.2 LAT. = 32.065543°N LONG. = 103.781621°W</p> <p>BOTTOM HOLE LOCATION NAD 27 NME Y = 387,870.9 X = 670,807.6 LAT. = 32.065172°N LONG. = 103.781622°W</p>	A - Y = 400,958.5 N, X = 670,521.7 E	B - Y = 400,962.8 N, X = 671,850.9 E	C - Y = 398,304.2 N, X = 670,514.6 E	D - Y = 398,312.1 N, X = 671,845.7 E	E - Y = 395,852.3 N, X = 670,528.0 E	F - Y = 395,661.9 N, X = 671,859.4 E	G - Y = 393,002.3 N, X = 670,543.3 E	H - Y = 393,012.5 N, X = 671,873.1 E	I - Y = 390,337.1 N, X = 670,552.3 E	J - Y = 390,347.9 N, X = 671,881.5 E	K - Y = 387,673.5 N, X = 670,561.3 E	L - Y = 387,683.4 N, X = 671,889.6 E	A - Y = 401,014.4 N, X = 711,707.3 E	B - Y = 401,020.7 N, X = 713,036.5 E	C - Y = 398,382.0 N, X = 711,700.3 E	D - Y = 398,369.9 N, X = 713,031.4 E	E - Y = 395,710.0 N, X = 711,714.8 E	F - Y = 395,719.8 N, X = 713,045.2 E	G - Y = 393,080.0 N, X = 711,729.2 E	H - Y = 393,070.2 N, X = 713,059.0 E	I - Y = 390,394.7 N, X = 711,738.3 E	J - Y = 390,405.5 N, X = 713,067.5 E	K - Y = 387,731.1 N, X = 711,747.4 E	L - Y = 387,741.0 N, X = 713,075.8 E	<p>GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y = 401,358.2 X = 712,388.7 LAT. = 32.102208°N LONG. = 103.780931°W</p> <p>FIRST TAKE POINT NAD 83 NME Y = 400,674.1 X = 712,055.4 LAT. = 32.100333°N LONG. = 103.782012°W</p> <p>CORNER COORDINATES TABLE NAD 83 NME</p> <table style="font-size: small;"> <tr><td>A - Y = 400,958.5 N, X = 670,521.7 E</td></tr> <tr><td>B - Y = 400,962.8 N, X = 671,850.9 E</td></tr> <tr><td>C - Y = 398,304.2 N, X = 670,514.6 E</td></tr> <tr><td>D - Y = 398,312.1 N, X = 671,845.7 E</td></tr> <tr><td>E - Y = 395,852.3 N, X = 670,528.0 E</td></tr> <tr><td>F - Y = 395,661.9 N, X = 671,859.4 E</td></tr> <tr><td>G - Y = 393,002.3 N, X = 670,543.3 E</td></tr> <tr><td>H - Y = 393,012.5 N, X = 671,873.1 E</td></tr> <tr><td>I - Y = 390,337.1 N, X = 670,552.3 E</td></tr> <tr><td>J - Y = 390,347.9 N, X = 671,881.5 E</td></tr> <tr><td>K - Y = 387,673.5 N, X = 670,561.3 E</td></tr> <tr><td>L - Y = 387,683.4 N, X = 671,889.6 E</td></tr> </table> <p>LAST TAKE POINT NAD 83 NME Y = 388,063.6 X = 712,093.3 LAT. = 32.065668°N LONG. = 103.782097°W</p> <p>BOTTOM HOLE LOCATION NAD 83 NME Y = 387,828.5 X = 712,093.7 LAT. = 32.065298°N LONG. = 103.782099°W</p>	A - Y = 400,958.5 N, X = 670,521.7 E	B - Y = 400,962.8 N, X = 671,850.9 E	C - Y = 398,304.2 N, X = 670,514.6 E	D - Y = 398,312.1 N, X = 671,845.7 E	E - Y = 395,852.3 N, X = 670,528.0 E	F - Y = 395,661.9 N, X = 671,859.4 E	G - Y = 393,002.3 N, X = 670,543.3 E	H - Y = 393,012.5 N, X = 671,873.1 E	I - Y = 390,337.1 N, X = 670,552.3 E	J - Y = 390,347.9 N, X = 671,881.5 E	K - Y = 387,673.5 N, X = 670,561.3 E	L - Y = 387,683.4 N, X = 671,889.6 E	<p style="font-size: small;">GRID AZ. = 179°49'40" HORIZ. DIST. = 12,745.85'</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>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 undivided 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.</i></p> <p><i>Kelly Kardos</i> 12/5/17 Signature Date</p> <p>Kelly Kardos Printed Name</p> <p>kelly_kardos@xtoenergy.com E-mail Address</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>11-13-2017 Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p><i>Mark Dillon Harp</i></p> <p>MARK DILLON HARP Certificate Number AW 2017070994</p>
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RW 12-4-18



APD ID: 10400030558

Submission Date: 05/24/2018

Highlighted data
reflects the most
recent changes

Operator Name: BOPCO LP

Well Name: POKER LAKE UNIT 28 BS

Well Number: 125H

Show Final Text

Well Type: CONVENTIONAL GAS WELL

Well Work Type: Drill

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1	PERMIAN	3339	0	0	OTHER : Quaternary	NONE	No
2	RUSTLER	2404	935	935	SILTSTONE	USEABLE WATER	No
3	TOP SALT	2033	1306	1306	SALT	OTHER : Produced Water	No
4	BASE OF SALT	-710	4049	4049	SALT	OTHER : Produced Water	No
5	DELAWARE	-922	4261	4261	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
6	BONE SPRING	-4844	8183	8183	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
7	BONE SPRING 1ST	-5913	9252	9252	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
8	BONE SPRING 2ND	-6537	9876	9876	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
9	BONE SPRING 3RD	-7805	11144	11144		USEABLE WATER,NATURAL GAS,OIL,OTHER : PRODUCED WATER	No
10	WOLFCAMP	-8212	11551	11551	SHALE	USEABLE WATER,NATURAL GAS,OIL,OTHER : PRODUCED WATER	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 11741

Equipment: The blow out preventer equipment (BOP) for this well consists of a 13-5/8" minimum 5M Hydril and a 13-5/8" minimum 5M Double Ram BOP. MASP should not exceed 4133 psi.

Requesting Variance? YES

Variance request: A variance is requested to allow use of a flex hose as the choke line from the BOP to the Choke Manifold. If this hose is used, a copy of the manufacturer's certification and pressure test chart will be kept on the rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors. XTO requests to utilize centralizers only in the curve after the KOP and only a minimum of one every other joint.

Testing Procedure: All BOP testing will be done by an independent service company. Annular pressure tests will be limited to 50% of the working pressure. When nipping up on the 13-5/8" 5M bradenhead and flange, the BOP test will be limited to 5000 psi. When nipping up on the 9-5/8", the BOP will be tested to a minimum of 5000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 5M BOP diagrams are attached. Blind rams will be functioned tested each trip,