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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

NM OIL CONSERVATION
ARTESIA DISTRICT
JUN 27 2018

RECEIVED

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 30-015-45055	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp
⁴ Property Code 321376	⁵ Property Name PLU 15 TWIN WELLS RANCH	
⁷ OGRID No. 260737	⁸ Operator Name BOPCO, L.P.	⁶ Well Number 106H
		⁹ Elevation 3559'

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
O	15	24 S	31 E		360	SOUTH	1,965	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	27	24 S	31 E		200	SOUTH	1,650	EAST	EDDY

¹² Dedicated Acres 6.40	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.

	<p>16</p> <p>ISL 130' 1865' 1650' 360' IF.T.P.GRID AZ = 179°38'33" HORIZ. DIST. = 10,034.27'T24S R31E I.L.T.P. 1650' 1650' 200' 130' B.H.SEC. 15 SEC. 22 SEC. 27 SEC. 34</p>	<p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y = 440,939.7 X = 676,390.5 LAT. = 32.210974°N LONG. = 103.763016°W</p> <p>FIRST TAKE POINT NAD 27 NME Y = 440,251.7 X = 676,709.8 LAT. = 32.208078°N LONG. = 103.761996°W</p> <p>CORNER COORDINATES TABLE NAD 27 NME A - Y = 440,575.7 N, X = 675,712.0 E B - Y = 440,583.7 N, X = 677,034.9 E C - Y = 437,934.2 N, X = 675,730.2 E D - Y = 437,942.8 N, X = 677,052.2 E E - Y = 435,293.8 N, X = 675,748.3 E F - Y = 435,302.7 N, X = 677,069.3 E G - Y = 432,651.1 N, X = 675,765.6 E H - Y = 432,658.6 N, X = 677,086.5 E I - Y = 430,012.0 N, X = 675,783.0 E J - Y = 430,019.8 N, X = 677,103.0 E</p> <p>CORNER COORDINATES TABLE NAD 83 NME A - Y = 440,634.4 N, X = 716,896.1 E B - Y = 440,642.4 N, X = 718,219.0 E C - Y = 437,982.9 N, X = 716,914.4 E D - Y = 438,001.5 N, X = 718,236.4 E E - Y = 435,352.4 N, X = 716,932.6 E F - Y = 435,361.3 N, X = 718,253.7 E G - Y = 432,709.7 N, X = 716,950.0 E H - Y = 432,717.2 N, X = 718,271.0 E I - Y = 430,070.5 N, X = 716,967.5 E J - Y = 430,078.3 N, X = 718,287.6 E</p> <p>LAST TAKE POINT NAD 27 NME Y = 430,347.8 X = 676,771.4 LAT. = 32.181853°N LONG. = 103.761967°W</p> <p>BOTTOM HOLE LOCATION NAD 27 NME Y = 430,217.8 X = 676,772.1 LAT. = 32.181495°N LONG. = 103.761967°W</p>	<p>GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y = 440,989.4 X = 717,574.8 LAT. = 32.211097°N LONG. = 103.763499°W</p> <p>FIRST TAKE POINT NAD 83 NME Y = 440,310.4 X = 717,894.0 LAT. = 32.209201°N LONG. = 103.762476°W</p>	<p>17 OPERATOR CERTIFICATION <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 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.</i></p> <p><i>Kelly Kardos</i> 9/25/17 Signature Date</p> <p>Kelly Kardos Printed Name</p> <p>kelly_kardos@xtoenergy.com E-mail Address</p>	<p>18 SURVEYOR CERTIFICATION <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>08-22-2017 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: MARK DILLON HARP 23786 Certificate Number</p> <p>AI 2017070973</p>
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RW 6-29-18

APD ID: 10400024641

Submission Date: 11/17/2017

Highlighted data
reflects the most
recent changes

Operator Name: BOPCO LP

Well Name: POKER LAKE UNIT 15 TWR

Well Number: 106H

[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	3559	0	0	OTHER : Quaternary	NONE	No
2	RUSTLER	2835	724	724	SILTSTONE	USEABLE WATER	No
3	TOP SALT	2477	1082	1082	SALT	OTHER : Produced Water	No
4	BASE OF SALT	-709	4268	4268	SALT	OTHER : Produced Water	No
5	DELAWARE	-905	4464	4464	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
6	BONE SPRINGS	-4731	8290	8290	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
7	BONE SPRING 1ST	-5847	9406	9406	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
8	BONE SPRING 2ND	-6517	10076	10076	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
9	BONE SPRING 3RD	-7688	11247	11247	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
10	WOLFCAMP	-8124	11683	11683	SHALE	NATURAL GAS,OIL,OTHER : Produced Water	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 11774

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 3716 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.

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, pipe rams will be functioned tested each day.