

NM OIL CONSERVATION
ARTESIA DISTRICT

Form C-102

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

JUN 27 2018

Revised August 1, 2011

Submit one copy to appropriate

District Office

RECEIVED

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45053		² Pool Code 98220		³ Pool Name Purple Sage; Wolfcamp	
⁴ Property Code 32/376		⁵ Property Name PLU 15 TWIN WELLS RANCH			⁶ Well Number 102H
⁷ OGRID No. 260737		⁸ Operator Name BOPCO, L.P.			⁹ Elevation 3530'

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
M	15	24 S	31 E		360	SOUTH	1,130	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	34	24 S	31 E		2,440	NORTH	990	WEST	EDDY

¹² Dedicated Acres 800	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. N.S.P. - Pending
--------------------------------------	-------------------------------	----------------------------------	---

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>GRID AZ = 179°36'53" HORIZ. DIST. = 12,672.85'</p>	<p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y = 440,924.9 X = 674,200.8 LAT. = 32.210865°N LONG. = 103.770096°W</p> <p>FIRST TAKE POINT NAD 27 NME Y = 440,234.0 X = 674,064.8 LAT. = 32.209068°N LONG. = 103.770548°W</p>	<p>GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION Y = 440,983.6 X = 715,384.9 LAT. = 32.211088°N LONG. = 103.770579°W</p> <p>FIRST TAKE POINT NAD 83 NME Y = 440,292.7 X = 715,248.7 LAT. = 32.209191°N LONG. = 103.771031°W</p>	<p>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.</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>CORNER COORDINATES TABLE NAD 27 NME</p> <p>A - Y = 440,557.0 N, X = 673,072.9 E B - Y = 440,566.4 N, X = 674,392.5 E C - Y = 437,916.9 N, X = 673,086.6 E D - Y = 437,925.5 N, X = 674,408.4 E E - Y = 435,277.4 N, X = 673,107.4 E F - Y = 435,285.6 N, X = 674,427.8 E G - Y = 432,636.0 N, X = 673,124.5 E H - Y = 432,643.6 N, X = 674,445.0 E I - Y = 429,995.4 N, X = 673,143.1 E J - Y = 430,003.7 N, X = 674,463.0 E K - Y = 427,354.1 N, X = 673,160.7 E L - Y = 427,361.7 N, X = 674,472.6 E</p>	<p>CORNER COORDINATES TABLE NAD 83 NME</p> <p>A - Y = 440,615.7 N, X = 714,257.0 E B - Y = 440,625.1 N, X = 715,576.6 E C - Y = 437,975.6 N, X = 714,270.8 E D - Y = 437,984.2 N, X = 715,592.6 E E - Y = 435,336.0 N, X = 714,291.7 E F - Y = 435,344.2 N, X = 715,612.1 E G - Y = 432,684.6 N, X = 714,308.9 E H - Y = 432,702.2 N, X = 715,629.4 E I - Y = 430,053.9 N, X = 714,327.6 E J - Y = 430,062.2 N, X = 715,647.5 E K - Y = 427,412.5 N, X = 714,345.3 E L - Y = 427,420.1 N, X = 715,657.2 E</p>	<p>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.</p> <p>08-23-2017 Date of Survey</p> <p><i>Mark Dillon Harp</i> Signature and Seal of Professional Surveyor:</p> <p>MARK DILLON HARP 23786 Certificate Number</p> <p>RR 2017070963</p>	
	<p>LAST TAKE POINT NAD 27 NME Y = 427,691.7 X = 674,148.5 LAT. = 32.174589°N LONG. = 103.770489°W</p> <p>BOTTOM HOLE LOCATION NAD 27 NME Y = 427,691.8 X = 674,148.4 LAT. = 32.174232°N LONG. = 103.770489°W</p>	<p>LAST TAKE POINT NAD 83 NME Y = 427,750.2 X = 715,333.1 LAT. = 32.174713°N LONG. = 103.770971°W</p> <p>BOTTOM HOLE LOCATION NAD 83 NME Y = 427,620.2 X = 715,334.0 LAT. = 32.174356°N LONG. = 103.770970°W</p>		

Rwp 6-29-18



APD ID: 10400024425

Submission Date: 11/13/2017

highlighted data
reflects the most
recent changes

Operator Name: BOPCO LP

Well Name: POKER LAKE UNIT 15 TWR

Well Number: 102H

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	3531	0	0	OTHER : Quaternary	NONE	No
2	RUSTLER	2836	695	695	SILTSTONE	USEABLE WATER	No
3	TOP SALT	2478	1053	1053	SALT	OTHER : Produced Water	No
4	BASE OF SALT	-708	4239	4239	SALT	OTHER : Produced Water	No
5	DELAWARE	-904	4435	4435	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
6	BONE SPRINGS	-4730	8261	8261	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
7	BONE SPRING 1ST	-5846	9377	9377	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
8	BONE SPRING 2ND	-6516	10047	10047	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
9	BONE SPRING 3RD	-7687	11218	11218	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
10	WOLFCAMP	-8123	11654	11654	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.