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Form C-102

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State of New Mexico
Energy, Minerals & Natural Resources Department JAN 10 2019
OIL CONSERVATION DIVISION
1220 South St. Francis Dr. DISTRICT II-ARTESIA O.C.D.
Santa Fe, NM 87505
Submit one copy to appropriate District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45621	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp
⁴ Property Code 322932	⁵ Property Name POKER LAKE UNIT 20 BD	⁶ Well Number 122H
⁷ OGRID No. 260737	⁸ Operator Name BOPCO, L.P.	⁹ Elevation 3,158'

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	20	25 S	30 E		330	SOUTH	540	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
M	32	25 S	30 E		200	SOUTH	990	WEST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. 201
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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 GEODEIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 403,645.7 X= 631,125.3 LAT.= 32.109030°N LONG.= 103.908841°W</p> <p>FIRST TAKE POINT NAD 27 NME Y= 402,991.0 X= 631,578.7 LAT.= 32.107226°N LONG.= 103.908385°W</p> <p>CORNER COORDINATES TABLE NAD 27 NME A - Y= 403,309.4 N, X= 630,588.8 E B - Y= 403,325.1 N, X= 631,923.1 E C - Y= 400,654.5 N, X= 630,804.6 E D - Y= 400,688.1 N, X= 631,940.0 E E - Y= 397,987.0 N, X= 630,822.4 E F - Y= 398,011.2 N, X= 631,958.0 E G - Y= 395,341.8 N, X= 630,625.3 E H - Y= 395,354.2 N, X= 631,958.0 E I - Y= 392,687.0 N, X= 630,828.7 E J - Y= 392,697.7 N, X= 631,958.4 E</p> <p>CORNER COORDINATES TABLE NAD 83 NME A - Y= 403,387.5 N, X= 671,771.7 E B - Y= 403,383.2 N, X= 673,108.1 E C - Y= 400,712.5 N, X= 671,789.6 E D - Y= 400,727.1 N, X= 673,125.0 E E - Y= 398,055.0 N, X= 671,807.5 E F - Y= 398,068.2 N, X= 673,143.1 E G - Y= 395,399.7 N, X= 671,810.5 E H - Y= 395,412.1 N, X= 673,143.2 E I - Y= 392,744.9 N, X= 671,814.0 E J - Y= 392,755.8 N, X= 673,143.7 E</p> <p>LAST TAKE POINT NAD 27 NME Y= 393,025.0 X= 631,618.3 LAT.= 32.079829°N LONG.= 103.908384°W</p> <p>BOTTOM HOLE LOCATION NAD 27 NME Y= 392,895.0 X= 631,618.5 LAT.= 32.079471°N LONG.= 103.908385°W</p>	<p>GEODEIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 403,703.8 X= 672,310.2 LAT.= 32.109155°N LONG.= 103.910324°W</p> <p>FIRST TAKE POINT NAD 83 NME Y= 403,049.1 X= 672,783.7 LAT.= 32.107350°N LONG.= 103.908868°W</p> <p>GRID AZ=145°17'12" HORIZ. DIST.=798.48"</p> <p>GRID AZ=179°48'23" HORIZ. DIST.=10,096.31"</p> <p>T25S R30E SEC. 20 SEC. 29 SEC. 32 T25S R30E</p> <p>SHL FTP LTP BHL</p> <p>540' 990' 330' 200'</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> 6/19/18 Signature Date</p> <p>Kelly Kardos Printed Name</p> <p>kelly_kardos@xtoenergy.com E-mail Address</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>06-13-2018 Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>MARK DILLON HARP 23786 Certificate Number JC 2017071045</p>
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RUP 1-15-19



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Drilling Plan Data Report

11/30/2018

APD ID: 10400032388

Submission Date: 07/25/2018

Operator Name: BOPCO LP

Highlighted data
reflects the most
recent changes

Well Name: POKER LAKE UNIT 20 BD

Well Number: 122H

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	3158	0	0	OTHER : Quaternary	NONE	No
2	RUSTLER	2574	585	585	SILTSTONE	USEABLE WATER	No
3	TOP SALT	2154	1005	1005	SALT	OTHER : Produced Water	No
4	BASE OF SALT	-224	3383	3383	SALT	OTHER : Produced Water	No
5	DELAWARE	-416	3575	3575	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
6	BONE SPRING	-4223	7382	7382	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
7	BONE SPRING 1ST	-5132	8291	8291	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
8	BONE SPRING 2ND	-6009	9168	9168	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
9	BONE SPRING 3RD	-7055	10214	10214	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
10	WOLFCAMP	-7925	11084	11084	SHALE	NATURAL GAS,OIL,OTHER : PRODUCED WATER	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 11360

Equipment: Permanent Wellhead - GE RSH Multipool System A. Starting Head: 13-5/8" 5M top flange x 13-3/8" SOW bottom B. Clamping Head: 13-5/8" 5M bottom flange x 7-1/16" 10M top flange. Wellhead will be installed by manufacturer's representatives. Manufacturer will monitor welding process to ensure appropriate temperature of seal. Operator will test the 9-5/8" casing per BLM Onshore Order 2. Wellhead Manufacturer representative will not be present for BOP test plug installation. The blowout preventer equipment (BOP) for this well consists of a 13-5/8" minimum 5M HYDRI and a 13-5/8" minimum 5M Double Ram BOP. MASP should not exceed 3999 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