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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

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 30-015-44943	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 121H
		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		390	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	330	WEST	EDDY

¹² Dedicated Acres 800	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. USP-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.

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y = 440,954.9
X = 674,200.6
LAT. = 32.211047°N
LONG. = 103.770096°W

FIRST TAKE POINT
NAD 27 NME
Y = 440,229.4
X = 673,404.7
LAT. = 32.209064°N
LONG. = 103.772682°W

CORNER COORDINATES TABLE
NAD 27 NME

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

CORNER COORDINATES TABLE
NAD 83 NME

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

LAST TAKE POINT
NAD 27 NME
Y = 427,687.5
X = 673,488.5
LAT. = 32.174587°N
LONG. = 103.772622°W

BOTTOM HOLE LOCATION
NAD 27 NME
Y = 427,657.6
X = 673,489.4
LAT. = 32.174230°N
LONG. = 103.772622°W

LAST TAKE POINT
NAD 83 NME
Y = 427,746.0
X = 714,673.1
LAT. = 32.174711°N
LONG. = 103.773104°W

BOTTOM HOLE LOCATION
NAD 83 NME
Y = 427,616.0
X = 714,674.0
LAT. = 32.174354°N
LONG. = 103.773103°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.

Kelly Kardos
Signature Date 9/25/17

Kelly Kardos
Printed Name
kelly_kardos@xtoenergy.com
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.

08-23-2017
Date of Survey

Mark Dillon Harp
Signature and Seal of Professional Surveyor

MARK DILLON HARP 23786
Certificate Number RR 2017070964

RW 5-7-18

APD ID: 10400024416

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: 121H

[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	3530	0	0	OTHER : Quaternary	NONE	No
2	RUSTLER	2835	695	695	SILTSTONE	USEABLE WATER	No
3	TOP SALT	2477	1053	1053	SALT	OTHER : Produced Water	No
4	BASE OF SALT	-709	4239	4239	SALT	OTHER : Produced Water	No
5	DELAWARE	-905	4435	4435	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
6	BONE SPRINGS	-4731	8261	8261	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
7	BONE SPRING 1ST	-5847	9377	9377	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
8	BONE SPRING 2ND	-6517	10047	10047	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
9	BONE SPRING 3RD	-7688	11218	11218	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
10	WOLFCAMP	-8124	11654	11654	SHALE	NATURAL GAS,OIL,OTHER : Produced Water	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 10M

Rating Depth: 12107

Equipment: The blow out preventer equipment (BOP) for this well consists of a 13-5/8" minimum 10M Hydril and a 13-5/8" minimum 10M Double Ram BOP. MASP should not exceed 5206 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 nipling up on the 13-5/8" 10M bradenhead and flange, the BOP test will be limited to 10000 psi. When the 9-5/8" and 7" casing is set, the packoff seals will be tested to a minimum of 10000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 10M BOP diagrams are attached. Blind rams will be functioned tested each trip, pipe rams will be functioned tested each day.