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Form C-102

Revised August 1, 2011

Submit one copy to appropriate District Office

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1625 N. French Dr., Hobbs, NM 88240
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District II
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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
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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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-14944	² Pool Code 96546	³ Pool Name Cotton Draw Wildcat, Bone Spring	⁴ Property Code 321376	⁵ Property Name PLU 15 TWIN WELLS RANCH	⁶ Well Number 705H
⁷ OGRID No. 260737	⁸ Operator Name BOPCO, L.P.	⁹ Elevation 3552'			

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
N	15	24 S	31 E		330	SOUTH	2,530	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
O	27	24 S	31 E		200	SOUTH	2,310	EAST	EDDY

¹² Dedicated Acres 320	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.

¹⁶

GRID AZ. = 179°38'33"
HORIZ. DIST. = 10,034.18'

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y = 440,904.8
X = 675,601.0
LAT. = 32.210889°N
LONG. = 103.765570°W

FIRST TAKE POINT
NAD 27 NME
Y = 440,247.7
X = 676,049.9
LAT. = 32.209077°N
LONG. = 103.764130°W

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

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 = 437,992.9 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

LAST TAKE POINT
NAD 27 NME
Y = 430,343.9
X = 676,111.4
LAT. = 32.181851°N
LONG. = 103.764100°W

BOTTOM HOLE LOCATION
NAD 27 NME
Y = 430,213.9
X = 676,112.2
LAT. = 32.181494°N
LONG. = 103.764100°W

LAST TAKE POINT
NAD 83 NME
Y = 430,402.4
X = 717,295.9
LAT. = 32.181975°N
LONG. = 103.764582°W

BOTTOM HOLE LOCATION
NAD 83 NME
Y = 430,272.4
X = 717,296.7
LAT. = 32.181618°N
LONG. = 103.764581°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 9/25/17
Signature Date

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.

08-17-2017
Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number

AI 2017070976

RVP 5-7-18

APD ID: 10400024579

Submission Date: 11/15/2017

Highlighted data reflects the most recent changes

Operator Name: BOPCO LP

Well Name: POKER LAKE UNIT 15 TWR

Well Number: 705H

Show Final Text

Well Type: OIL 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	3552	0	0	OTHER : Quaternary	NONE	No
2	RUSTLER	2835	717	717	SILTSTONE	USEABLE WATER	No
3	TOP SALT	2477	1075	1075	SALT	OTHER : Produced Water	No
4	BASE OF SALT	-709	4261	4261	SALT	OTHER : Produced Water	No
5	DELAWARE	-905	4457	4457	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
6	BONE SPRING	-4731	8283	8283	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	Yes
7	BONE SPRING 1ST	-5847	9399	9399	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	Yes
8	BONE SPRING 2ND	-6517	10069	10069	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 3M

Rating Depth: 10399

Equipment: The blow out preventer equipment (BOP) for this well consists of a 13-5/8" minimum 3M Hydril and a 13-5/8" minimum 3M Double Ram BOP. MASP should not exceed 2687 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" 3M bradenhead and flange, the BOP test will be limited to 3000 psi. When nipping up on the 9-5/8", the BOP will be tested to a minimum of 3000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 3M BOP diagrams are attached. Blind rams will be functioned tested each trip, pipe rams will be functioned tested each day.

Choke Diagram Attachment:

PLU_15_TWR_705H_3M_Choke_20171114100116.pdf

BOP Diagram Attachment: