

JUN 27 2018

RECEIVED

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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 30-015-45061		² Pool Code 96546		³ Pool Name Cotton Draw Wildcat; Bone Spring South	
⁴ Property Code 321376		⁵ Property Name PLU 15 TWIN WELLS RANCH			⁶ Well Number 90511
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	2,560	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.

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

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y = 440,905.1
X = 675,631.0
LAT. = 32.210880°N
LONG. = 103.785473°W

FIRST TAKE POINT
NAD 27 NME
Y = 440,247.7
X = 876,049.9
LAT. = 32.208077°N
LONG. = 103.784130°W

CORNER COORDINATES TABLE
NAD 27 NME

A - Y = 440,575.7 N, X = 875,712.0 E
B - Y = 440,583.7 N, X = 877,034.9 E
C - Y = 437,934.2 N, X = 875,730.2 E
D - Y = 437,942.8 N, X = 877,052.2 E
E - Y = 435,293.8 N, X = 875,748.3 E
F - Y = 435,302.7 N, X = 877,069.3 E
G - Y = 432,651.1 N, X = 875,765.6 E
H - Y = 432,658.6 N, X = 877,086.5 E
I - Y = 430,012.0 N, X = 875,783.0 E
J - Y = 430,019.8 N, X = 877,103.0 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 = 716,932.8 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 = 716,987.5 E
J - Y = 430,078.3 N, X = 718,287.8 E

LAST TAKE POINT
NAD 27 NME
Y = 430,343.9
X = 876,111.4
LAT. = 32.181851°N
LONG. = 103.784100°W

LAST TAKE POINT
NAD 83 NME
Y = 430,402.4
X = 717,295.9
LAT. = 32.181975°N
LONG. = 103.784582°W

BOTTOM HOLE LOCATION
NAD 27 NME
Y = 430,213.9
X = 876,112.2
LAT. = 32.181494°N
LONG. = 103.784100°W

BOTTOM HOLE LOCATION
NAD 83 NME
Y = 430,272.4
X = 717,296.7
LAT. = 32.181618°N
LONG. = 103.784581°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:
[Signature]

MARK DILLON HARP 23786
Certificate Number

MARK DILLON HARP
NEW MEXICO
23786
PROFESSIONAL SURVEYOR

AI 2017070977

RWP 6-29-18

APD ID: 10400024580

Submission Date: 11/15/2017

Operator Name: BOPCO LP

Well Name: POKER LAKE UNIT 15 TWR

Well Number: 905H

[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	2813	717	717	SILTSTONE	USEABLE WATER	No
3	TOP SALT	2455	1075	1075	SALT	OTHER : Produced Water	No
4	BASE OF SALT	-731	4261	4261	SALT	OTHER : Produced Water	No
5	DELAWARE	-927	4457	4457	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
6	BONE SPRING	-4753	8283	8283	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	Yes
7	BONE SPRING 1ST	-5869	9399	9399	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	Yes
8	BONE SPRING 2ND	-6539	10069	10069	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	Yes
9	BONE SPRING 3RD	-7710	11240	11240	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 11631

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 3005 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" 5M bradenhead and flange, the BOP test will be limited to 5000 psi. When nipling 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.

Choke Diagram Attachment:

PLU_15_TWR_905H_5M_Choke_20171115101432.pdf