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

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

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 17 2018
RECEIVED

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	[2] Pool Code	[3] Pool Name
30-015-45190	98220	Purple Sage; Wolfcamp

[4] Property Code	[5] Property Name	[6] Well Number
322241	BRUSHY DRAW 30 FEDERAL	122H

[7] OGRID No.	[8] Operator Name	[9] Elevation
260737	BOPCO, L.P.	3091'

[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	30	25 S	30 E	4	330	SOUTH	1,205	WEST	EDDY

Lot 4

[11] Bottom Hole Location If Different From Surface

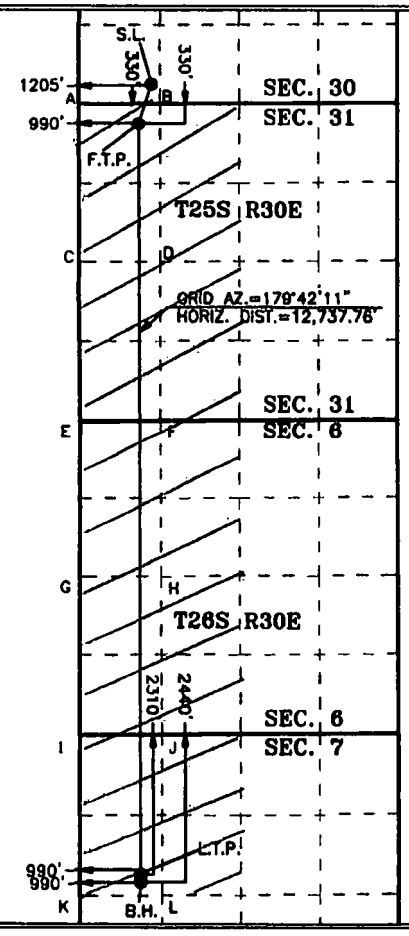
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	7	26 S	30 E	2	2,440	NORTH	990	WEST	EDDY

Lot 2

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
800	30-25-30		NSP - 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.

[16]



GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION	GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION
Y= 398,300.9	Y= 398,358.9
X= 626,476.2	X= 667,661.2
LAT.=32.094387°N	LAT.=32.094511°N
LONG.= 103.924921°W	LONG.= 103.925404°W

FIRST TAKE POINT NAD 27 NME	FIRST TAKE POINT NAD 83 NME
Y= 397,639.4	Y= 397,697.4
X= 626,265.4	X= 667,450.5
LAT.= 32.092571°N	LAT.= 32.092695°N
LONG.= 103.925610°W	LONG.= 103.926093°W

CORNER COORDINATES TABLE NAD 27 NME

A	Y= 397,963.4 N,	X= 625,273.3 E
B	Y= 397,971.7 N,	X= 626,626.2 E
C	Y= 395,306.4 N,	X= 625,290.7 E
D	Y= 395,315.3 N,	X= 626,632.1 E
E	Y= 392,647.9 N,	X= 625,308.7 E
F	Y= 392,657.3 N,	X= 626,638.2 E
G	Y= 389,992.2 N,	X= 625,319.1 E
H	Y= 390,001.9 N,	X= 626,659.9 E
I	Y= 387,335.0 N,	X= 625,330.5 E
J	Y= 387,344.6 N,	X= 626,682.1 E
K	Y= 384,678.0 N,	X= 625,342.0 E
L	Y= 384,688.3 N,	X= 626,688.4 E

CORNER COORDINATES TABLE NAD 83 NME

A	Y= 398,021.4 N,	X= 666,458.3 E
B	Y= 398,029.7 N,	X= 667,811.3 E
C	Y= 395,364.3 N,	X= 666,475.8 E
D	Y= 395,373.2 N,	X= 667,817.2 E
E	Y= 392,705.8 N,	X= 666,493.9 E
F	Y= 392,715.2 N,	X= 667,823.4 E
G	Y= 390,050.0 N,	X= 666,504.4 E
H	Y= 390,059.7 N,	X= 667,845.2 E
I	Y= 387,392.8 N,	X= 666,515.9 E
J	Y= 387,402.4 N,	X= 667,867.5 E
K	Y= 384,735.7 N,	X= 666,527.4 E
L	Y= 384,746.0 N,	X= 667,873.9 E

LAST TAKE POINT NAD 27 NME	LAST TAKE POINT NAD 83 NME
Y= 385,032.1	Y= 385,089.8
X= 626,330.5	X= 667,515.9
LAT.= 32.057912°N	LAT.= 32.058037°N
LONG.= 103.925554°W	LONG.= 103.926035°W

BOTTOM HOLE LOCATION NAD 27 NME	BOTTOM HOLE LOCATION NAD 83 NME
Y= 384,902.1	Y= 384,958.8
X= 626,331.0	X= 667,516.5
LAT.= 32.057555°N	LAT.= 32.057680°N
LONG.= 103.925553°W	LONG.= 103.926035°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.

08-09-2017
Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP
NEW MEXICO
23786
PROFESSIONAL SURVEYOR

MARK DILLON HARP 23786
Certificate Number RR 20170608B2

RMP 8-17-18

APD ID: 10400024515 **Submission Date:** 12/11/2017

Operator Name: BOPCO LP

Well Name: BRUSHY DRAW 30 FEDERAL **Well Number:** 122H

Well Type: CONVENTIONAL GAS WELL **Well Work Type:** Drill

Highlighted data reflects the most recent changes

Show Final Text

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1	---	3091	0	0	ALLUVIUM,OTHER : Quaternary	NONE	No
2	RUSTLER	2341	750	750	SANDSTONE	USEABLE WATER	No
3	TOP SALT	2098	993	993	SALT	NONE	No
4	BASE OF SALT	-184	3275	3275	SALT	NONE	No
5	DELAWARE	-374	3465	3465	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
6	BONE SPRING 1ST	-5107	8198	8198	SANDSTONE	NATURAL GAS,POTASH,OTHER : Produced Water	No
7	BONE SPRING 2ND	-5914	9005	9005	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
8	BONE SPRING 3RD	-7015	10106	10106	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	No
9	WOLFCAMP	-7554	10645	10645	SHALE	NATURAL GAS,OIL,OTHER : Produced Water	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M **Rating Depth:** 10900

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. Max bottom hole pressure should not exceed 3945 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 nippling up on the 13-5/8" 5M bradenhead and flange, the BOP test will be limited to 5000psi. 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:

BD_30_Fed_122H_5M_Choke_20171211070538.pdf