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

RECEIVED
AUG 20 2018
DISTRICT II-ARTESIA O.C.D.

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

WC-015-G08 S233036M

1 API Number	2 Pool Code	3 Pool Name
30-015-45205		WILDCAT; WOLFCAMP

4 Property Code	5 Property Name	6 Well Number
312176	LOS MEDANOS 36-23-30 STATE	111H

7 OGRID No.	8 Operator Name	9 Elevation
~~267097~~ 260737	BOPCO, L.P.	3,415'

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	36	23 S	30 E		408	SOUTH	242	WEST	EDDY

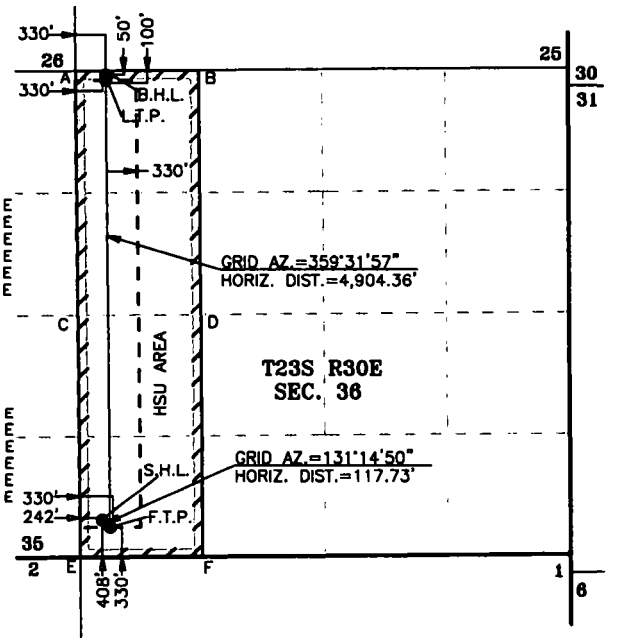
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	36	23 S	30 E		50	NORTH	330	WEST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			

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



CORNER COORDINATES TABLE
NAD 27 NME
A - Y= 461,765.3 N, X= 651,706.4 E
B - Y= 461,775.2 N, X= 653,049.6 E
C - Y= 459,123.7 N, X= 651,731.6 E
D - Y= 459,133.7 N, X= 653,070.3 E
E - Y= 456,481.2 N, X= 651,748.9 E
F - Y= 456,491.2 N, X= 653,087.1 E

CORNER COORDINATES TABLE
NAD 83 NME
A - Y= 461,824.6 N, X= 692,889.6 E
B - Y= 461,834.5 N, X= 694,232.8 E
C - Y= 459,182.9 N, X= 692,914.9 E
D - Y= 459,192.9 N, X= 694,253.6 E
E - Y= 456,540.4 N, X= 692,932.3 E
F - Y= 456,550.3 N, X= 694,270.5 E

GEODETIC COORDINATES NAD 83 NME SURFACE LOCATION	LAST TAKE POINT NAD 83 NME	GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION	LAST TAKE POINT NAD 27 NME
Y= 456,950.5	Y= 461,727.0	Y= 456,891.3	Y= 461,667.7
X= 693,171.6	X= 693,220.6	X= 651,988.2	X= 652,037.4
LAT.= 32.255277°N	LAT.= 32.268406°N	LAT.= 32.255155°N	LAT.= 32.268284°N
LONG.= 103.842164°W	LONG.= 103.841935°W	LONG.= 103.841677°W	LONG.= 103.841447°W
FIRST TAKE POINT NAD 83 NME	**BOTTOM HOLE LOCATION NAD 83 NME**	**FIRST TAKE POINT NAD 27 NME**	**BOTTOM HOLE LOCATION NAD 27 NME**
Y= 456,872.8	Y= 461,777.0	Y= 456,813.6	Y= 461,717.7
X= 693,260.1	X= 693,220.1	X= 652,076.7	X= 652,036.9
LAT.= 32.255063°N	LAT.= 32.268544°N	LAT.= 32.254940°N	LAT.= 32.268421°N
LONG.= 103.841879°W	LONG.= 103.841936°W	LONG.= 103.841391°W	LONG.= 103.841448°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 8/17/18
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.

08-16-2018
Date of Survey

Signatue and Seal of Professional Surveyor:

MARK DILLON HARP
NEW MEXICO
23786
PROFESSIONAL SURVEYOR

MARK DILLON HARP 23786
Certificate Number JC 2018071696

RWP 8-27-18

NM STATE DRILLING PERMITTING

Los Medanos 36-23-30 111H

KB 3432 | Deepest TVD 11377 | KOP 10790 | End of Curve 11707 | Measured depth 16137

Casing Type	Fluid Type	Mud Weight	Hole Size	Casing Size	Casing Grade	Casing Weight	Top MD	Setting Depth	Lead Cement	Tail Cement	Total Sks Cement	TOC	
Surface	FW/Native	8.5 - 10.0	17.5	13.375	J-55 LTC	54.5	0	690	327	289	616	0	
Intermediate	Brine	9.0-10.3	12.25	8.625	J-55 LTC	32	0	10300	2305	634	2939	3200	1st Stage
DV Tool								4050	1609	13	1622	0	2nd Stage
Production	FW/Cut Brine	9.0-10.5	8-3/4" to EOC	5.5	P110 BTC	17	0	16137	1090	997	2088	4050	
	Cut Brine	10.5	8-1/2" to TD										

Max Expected Surface Pressure
3709

BOP
Cameron 5M Double Ram BOP
Test Pressure 5000

Total Vertical Section 4827

Contingencies

1. 8-5/8" may be set from 10,000 - 10,400' Depending on where 3rd Bone Spring Carbonate comes in while drilling
2. During Intermediate hole, should losses become severe and drilling not reach 10300', the 8-5/8" csg will be changed for 9-5/8" casing. XTO will then run a series of Formation Integrity Tests to evaluate if Upper Bone Spring Formations are competent enough to drill remaining production hole in one section
3. Areas of interest where 9-5/8" may have to be set exist between 3900' - 10,000'
4. Once 9-5/8" casing is set, should wellbore stability become an issue before reaching the end of curve, 7" csg will be set, and the wellbore will resemble the 4-string design attached.
5. In either case, OBM may be used in production hole if production hole becomes unstable while drilling with WBM