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

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DISTRICT II-ARTESIA O.C.D.

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	[2] Pool Code	[3] Pool Name
30-015-45402	40295	Los Medanos, Bone Spring

[4] Property Code	[5] Property Name	[6] Well Number
40444 322843	JAMES RANCH UNIT DI 2 BS2A-7W	227H

[7] OGRID No.	[8] Operator Name	[9] Elevation
260737	BOPCO, L.P.	3343'

[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
K	25	22 S	30 E		2,340	SOUTH	1,850	WEST	EDDY

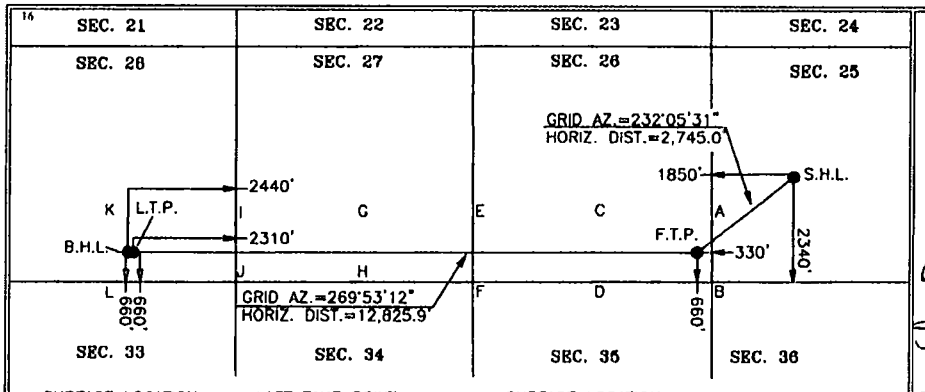
[11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	28	22 S	30 E		660	SOUTH	2,440	EAST	EDDY

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
400			

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]



SURFACE LOCATION NAD 27 NME	LAST TAKE POINT NAD 27 NME	SURFACE LOCATION NAD 83 NME	LAST TAKE POINT NAD 83 NME
Y= 495,822.4	Y= 494,110.8	Y= 495,882.5	Y= 494,170.9
X= 653,421.2	X= 638,559.5	X= 694,603.2	X= 679,741.5
LAT.= 32.362152°N	LAT.= 32.357628°N	LAT.= 32.362274°N	LAT.= 32.357750°N
LONG.= 103.836458°W	LONG.= 103.884611°W	LONG.= 103.836950°W	LONG.= 103.885104°W

FIRST TAKE POINT NAD 27 NME	BOTTOM HOLE LOCATION NAD 27 NME	FIRST TAKE POINT NAD 83 NME	BOTTOM HOLE LOCATION NAD 83 NME
Y= 494,135.9	Y= 494,110.6	Y= 494,196.0	Y= 494,170.7
X= 651,255.3	X= 638,429.5	X= 692,437.4	X= 679,611.5
LAT.= 32.357544°N	LAT.= 32.357629°N	LAT.= 32.357666°N	LAT.= 32.357751°N
LONG.= 103.843497°W	LONG.= 103.885032°W	LONG.= 103.843989°W	LONG.= 103.885525°W

CORNER COORDINATES TABLE NAD 27 NME	CORNER COORDINATES TABLE NAD 83 NME
A - Y= 494,796.1 N, X= 651,579.7 E	A - Y= 494,856.2 N, X= 692,761.8 E
B - Y= 493,476.6 N, X= 651,590.9 E	B - Y= 493,536.7 N, X= 692,773.0 E
C - Y= 494,790.3 N, X= 648,894.1 E	C - Y= 494,850.4 N, X= 690,076.2 E
D - Y= 493,470.9 N, X= 648,902.4 E	D - Y= 493,531.0 N, X= 690,084.5 E
E - Y= 494,784.6 N, X= 646,209.2 E	E - Y= 494,844.7 N, X= 687,391.3 E
F - Y= 493,465.4 N, X= 646,215.4 E	F - Y= 493,525.5 N, X= 687,397.5 E
G - Y= 494,779.3 N, X= 643,537.9 E	G - Y= 494,839.4 N, X= 684,719.9 E
H - Y= 493,459.7 N, X= 643,543.0 E	H - Y= 493,519.8 N, X= 684,725.1 E
I - Y= 494,773.8 N, X= 640,867.4 E	I - Y= 494,833.9 N, X= 682,049.4 E
J - Y= 493,453.7 N, X= 640,878.1 E	J - Y= 493,513.8 N, X= 682,060.2 E
K - Y= 494,770.1 N, X= 638,190.2 E	K - Y= 494,830.2 N, X= 679,372.2 E
L - Y= 493,450.3 N, X= 638,195.9 E	L - Y= 493,510.4 N, X= 679,378.0 E

[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.

Stephanie Rabadue 10-1-17
Signature Date

Stephanie Rabadue
Printed Name

stephanie-rabadue@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.

11-27-2017
Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP 23786
Certificate Number

AI 20170506671

MARK DILLON HARP
NEW MEXICO
23786
PROFESSIONAL SURVEYOR

RWP 11-7-18

APD ID: 10400025879 **Submission Date:** 12/29/2017

Highlighted data reflects the most recent changes

Operator Name: BOPCO LP

Well Name: JAMES RANCH UNIT DI 2 BS2A-7W **Well Number:** 227H

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	---	3343	0	0	ALLUVIUM,OTHER : Quaternary	NONE	No
2	RUSTLER	2974	370	370	SANDSTONE	USEABLE WATER	No
3	TOP SALT	2674	670	670	SALT	POTASH	No
4	BASE OF SALT	-506	3850	3850	SALT	POTASH	No
5	DELAWARE	-536	3880	3880	SANDSTONE,MARL	NATURAL GAS,OIL,OTHER : Produced Water	No
6	BONE SPRING 1ST	-4356	7700	7700	SANDSTONE	NATURAL GAS,POTASH,OTHER : Produced Water	No
7	BONE SPRING 2ND	-6216	9560	9560	SANDSTONE	NATURAL GAS,OIL,OTHER : Produced Water	Yes

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M **Rating Depth:** 9807

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.
Requesting Variance? YES

Variance request: 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 5000 psi. When nippling 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.
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 3000psi. 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. Because the 9-5/8" casing will be run with a mandrel hanger through the 13-3/8" BOP without breaking any connections, no additional pressure test would be required.

Choke Diagram Attachment:

JRU_DI2_5MCM_20171227114632.pdf

BOP Diagram Attachment: