

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
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

OCT 12 2018

☐ AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45327	² Pool Code 40295	³ Pool Name LOS MEDANOS; Bone Spring
⁴ Property Code 40441 322723	⁵ Property Name JAMES RANCH UNIT DI 2 BS2A-3W	
⁷ OGRID No. 220737	⁸ Operator Name BOPCO, L.P.	⁹ Elevation 3344'

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
F	25	22 S	30 E		2,630	NORTH	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
G	28	22 S	30 E		1,980	NORTH	2,440	EAST	EDDY

¹² Dedicated Acres 400	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.

<p>¹⁶ SEC. 21</p>				<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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.</p> <p><i>Stephanie Rabadue</i> 12-1-17 Signature Date</p> <p>Stephanie Rabadue Printed Name</p> <p>Stephanie - rabadue@xcoenergy.com E-mail Address</p>																											
<p>SEC. 28</p> <p>SURFACE LOCATION NAD 27 NME Y= 496,130.0 X= 653,418.6 LAT.= 32.362998°N LONG.= 103.836461°W</p> <p>LAST TAKE POINT NAD 27 NME Y= 496,749.5 X= 638,551.1 LAT.= 32.364881°N LONG.= 103.884602°W</p> <p>FIRST TAKE POINT NAD 27 NME Y= 496,773.8 X= 651,233.3 LAT.= 32.364795°N LONG.= 103.843529°W</p> <p>BOTTOM HOLE LOCATION NAD 27 NME Y= 496,749.3 X= 638,421.1 LAT.= 32.364882°N LONG.= 103.885023°W</p> <p>CORNER COORDINATES TABLE NAD 27 NME</p> <table border="1"> <tr><td>A - Y= 497,435.0 N, X= 651,557.9 E</td></tr> <tr><td>B - Y= 496,115.6 N, X= 651,588.6 E</td></tr> <tr><td>C - Y= 497,429.2 N, X= 648,877.6 E</td></tr> <tr><td>D - Y= 496,109.7 N, X= 648,885.9 E</td></tr> <tr><td>E - Y= 497,424.0 N, X= 646,197.4 E</td></tr> <tr><td>F - Y= 496,103.7 N, X= 646,203.2 E</td></tr> <tr><td>G - Y= 497,418.1 N, X= 643,527.6 E</td></tr> <tr><td>H - Y= 496,098.8 N, X= 643,532.8 E</td></tr> <tr><td>I - Y= 497,413.5 N, X= 640,859.4 E</td></tr> <tr><td>J - Y= 496,093.9 N, X= 640,863.0 E</td></tr> <tr><td>K - Y= 497,409.3 N, X= 638,178.7 E</td></tr> <tr><td>L - Y= 496,089.9 N, X= 638,184.4 E</td></tr> </table>				A - Y= 497,435.0 N, X= 651,557.9 E	B - Y= 496,115.6 N, X= 651,588.6 E	C - Y= 497,429.2 N, X= 648,877.6 E	D - Y= 496,109.7 N, X= 648,885.9 E	E - Y= 497,424.0 N, X= 646,197.4 E	F - Y= 496,103.7 N, X= 646,203.2 E	G - Y= 497,418.1 N, X= 643,527.6 E	H - Y= 496,098.8 N, X= 643,532.8 E	I - Y= 497,413.5 N, X= 640,859.4 E	J - Y= 496,093.9 N, X= 640,863.0 E	K - Y= 497,409.3 N, X= 638,178.7 E	L - Y= 496,089.9 N, X= 638,184.4 E	<p>SEC. 25</p> <p>SURFACE LOCATION NAD 83 NME Y= 496,190.1 X= 694,600.6 LAT.= 32.363120°N LONG.= 103.836954°W</p> <p>LAST TAKE POINT NAD 83 NME Y= 496,809.6 X= 679,733.1 LAT.= 32.365003°N LONG.= 103.885096°W</p> <p>FIRST TAKE POINT NAD 83 NME Y= 496,833.9 X= 692,415.3 LAT.= 32.364917°N LONG.= 103.844022°W</p> <p>BOTTOM HOLE LOCATION NAD 83 NME Y= 496,809.4 X= 684,709.6 E LAT.= 32.365004°N LONG.= 103.885517°W</p> <p>CORNER COORDINATES TABLE NAD 83 NME</p> <table border="1"> <tr><td>A - Y= 497,495.1 N, X= 692,739.9 E</td></tr> <tr><td>B - Y= 496,175.7 N, X= 692,750.6 E</td></tr> <tr><td>C - Y= 497,489.4 N, X= 690,059.6 E</td></tr> <tr><td>D - Y= 496,169.8 N, X= 690,067.9 E</td></tr> <tr><td>E - Y= 497,484.2 N, X= 687,379.4 E</td></tr> <tr><td>F - Y= 496,163.8 N, X= 687,385.2 E</td></tr> <tr><td>G - Y= 497,478.3 N, X= 684,709.6 E</td></tr> <tr><td>H - Y= 496,158.9 N, X= 684,714.8 E</td></tr> <tr><td>I - Y= 497,473.7 N, X= 682,041.3 E</td></tr> <tr><td>J - Y= 496,154.0 N, X= 682,045.0 E</td></tr> <tr><td>K - Y= 497,469.5 N, X= 679,360.6 E</td></tr> <tr><td>L - Y= 496,150.0 N, X= 679,366.4 E</td></tr> </table>				A - Y= 497,495.1 N, X= 692,739.9 E	B - Y= 496,175.7 N, X= 692,750.6 E	C - Y= 497,489.4 N, X= 690,059.6 E	D - Y= 496,169.8 N, X= 690,067.9 E	E - Y= 497,484.2 N, X= 687,379.4 E	F - Y= 496,163.8 N, X= 687,385.2 E	G - Y= 497,478.3 N, X= 684,709.6 E	H - Y= 496,158.9 N, X= 684,714.8 E	I - Y= 497,473.7 N, X= 682,041.3 E	J - Y= 496,154.0 N, X= 682,045.0 E	K - Y= 497,469.5 N, X= 679,360.6 E	L - Y= 496,150.0 N, X= 679,366.4 E
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<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>11-27-2017 Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p><i>[Signature]</i></p> <p>MARK DILLON HARP 23786 Certificate Number</p> <p>2017050669</p>																															

RWP 10-16-18



U. S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Drilling Plan Data Report

09/10/2018

APD ID: 10400025862

Submission Date: 12/27/2017

Operator Name: BOPCO LP

Well Name: JAMES RANCH UNIT DI2 BS2A-3W

Well Number: 225H

Well Type: OIL 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	---	3344	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: 9808

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 nipping up on the 13-5/8" 5M bradenhead and flange, the BOP test will be limited to 5000 psi. When nipping 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 nipping 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: