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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  
Department of Energy to appropriate  
District Office  
NOV 28 2018 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-45464	<sup>2</sup> Pool Code 40295	<sup>3</sup> Pool Name Los Medanos Bone Spring
<sup>4</sup> Property Code 40295 382928	<sup>5</sup> Property Name JAMES RANCH UNIT DI 2 BS2B-8W	<sup>6</sup> Well Number 231H
<sup>7</sup> OGRID No. R20737	<sup>8</sup> Operator Name BOPCO, L.P.	<sup>9</sup> Elevation 3343'

<sup>10</sup> 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	1,880	WEST	EDDY

<sup>11</sup> 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		20	SOUTH	2,440	EAST	EDDY

<sup>12</sup> Dedicated Acres 400	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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><sup>16</sup></p> <p>SEC. 21      SEC. 22      SEC. 23      SEC. 24</p> <p>SEC. 28      SEC. 27      SEC. 26      SEC. 25</p> <p>GRID AZ = 223°16'25" HORIZ. DIST. = 3,211.3</p> <p>GRID AZ = 269°53'12" HORIZ. DIST. = 12,827.3</p> <p>1880'      2440'      2310'      240'</p> <p>B.H.L.      L.T.P.      F.T.P.      S.H.L.</p> <p>SEC. 33      SEC. 34      SEC. 35      SEC. 38</p> <p>SURFACE LOCATION      LAST TAKE POINT      SURFACE LOCATION      LAST TAKE POINT</p> <p>NAD 27 NME      NAD 27 NME      NAD 83 NME      NAD 83 NME</p> <p>Y = 495,822.4      Y = 493,470.8      Y = 495,882.5      Y = 493,530.9</p> <p>X = 653,451.2      X = 638,561.6      X = 694,833.2      X = 679,743.7</p> <p>LAT. = 32.362152°N      LAT. = 32.355869°N      LAT. = 32.362274°N      LAT. = 32.355990°N</p> <p>LONG. = 103.836361°W      LONG. = 103.884613°W      LONG. = 103.836853°W      LONG. = 103.885106°W</p> <p>FIRST TAKE POINT      BOTTOM HOLE LOCATION      FIRST TAKE POINT      BOTTOM HOLE LOCATION</p> <p>NAD 27 NME      NAD 27 NME      NAD 83 NME      NAD 83 NME</p> <p>Y = 493,475.9      Y = 493,470.6      Y = 493,536.0      Y = 493,530.7</p> <p>X = 651,258.8      X = 638,431.6      X = 692,440.9      X = 679,613.7</p> <p>LAT. = 32.355730°N      LAT. = 32.355869°N      LAT. = 32.355907°N      LAT. = 32.355992°N</p> <p>LONG. = 103.843495°W      LONG. = 103.885034°W      LONG. = 103.843981°W      LONG. = 103.885527°W</p> <p>CORNER COORDINATES TABLE      CORNER COORDINATES TABLE</p> <p>NAD 27 NME      NAD 83 NME</p> <p>A - Y = 494,796.1 N, X = 651,579.7 E      A - Y = 494,856.2 N, X = 692,761.8 E</p> <p>B - Y = 493,476.6 N, X = 651,590.9 E      B - Y = 493,536.7 N, X = 692,773.0 E</p> <p>C - Y = 494,790.3 N, X = 648,894.1 E      C - Y = 494,850.4 N, X = 690,076.2 E</p> <p>D - Y = 493,470.9 N, X = 648,902.4 E      D - Y = 493,531.0 N, X = 690,084.5 E</p> <p>E - Y = 494,784.6 N, X = 646,209.2 E      E - Y = 494,844.7 N, X = 687,391.3 E</p> <p>F - Y = 493,465.4 N, X = 646,215.4 E      F - Y = 493,525.5 N, X = 687,397.5 E</p> <p>G - Y = 494,779.3 N, X = 643,537.9 E      G - Y = 494,839.4 N, X = 684,719.9 E</p> <p>H - Y = 493,459.7 N, X = 643,543.0 E      H - Y = 493,519.8 N, X = 684,725.1 E</p> <p>I - Y = 494,773.8 N, X = 640,867.4 E      I - Y = 494,833.9 N, X = 682,049.4 E</p> <p>J - Y = 493,453.7 N, X = 640,878.1 E      J - Y = 493,513.8 N, X = 682,060.2 E</p> <p>K - Y = 494,770.1 N, X = 638,190.2 E      K - Y = 494,830.2 N, X = 679,372.2 E</p> <p>L - Y = 493,450.3 N, X = 638,195.9 E      L - Y = 493,510.4 N, X = 679,378.0 E</p>				<p><sup>17</sup> 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>Signature: Stephanie Rabadue      Date: 10-1-17</p> <p>Printed Name: Stephanie Rabadue</p> <p>E-mail Address: srabadue@xtoenergy.com</p>	
<p><sup>18</sup> 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>MARK DILLON HARP 23786 Certificate Number</p> <p>AI      2017050675</p>					

RW 11-28-18



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

## Drilling Plan Data Report

10/16/2018

APD ID: 10400025881

Submission Date: 12/29/2017

Operator Name: BOPCO LP

Well Name: JAMES RANCH UNIT DI 2 BS2B-8W

Well Number: 231H

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	--	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: 9972

**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:**