

District I
1625 N. French Dr., Hobbs, NM 88240
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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

Form C-102
Revised August 1, 2011
New Mexico Oil Conservation Division
ARTESIA DISTRICT
District Office

NOV 28 2018 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED

¹ API Number 30-015-45464	² Pool Code 40295	³ Pool Name Los Medanos Bone Spang
⁴ Property Code 40295 302928	⁵ Property Name JAMES RANCH UNIT DI 2 BS2B-8W	
⁷ OGRID No. R20737	⁸ Operator Name BOPCO, L.P.	⁹ Elevation 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	1,880	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		20	SOUTH	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</p> <p style="text-align: center;">GRID AZ = 223°16'25" HORIZ. DIST. = 3,211.3</p> <p style="text-align: center;">GRID AZ = 269°53'12" HORIZ. DIST. = 12,827.3</p> <p style="text-align: center;">SURFACE LOCATION LAST TAKE POINT SURFACE LOCATION LAST TAKE POINT</p> <table style="width: 100%; font-size: small;"> <tr> <td style="width: 25%;"> <p>NAD 27 NME Y = 495,822.4 X = 653,451.2 LAT. = 32.362152°N LONG. = 103.836361°W</p> </td> <td style="width: 25%;"> <p>NAD 27 NME Y = 493,470.8 X = 638,561.6 LAT. = 32.355869°N LONG. = 103.884613°W</p> </td> <td style="width: 25%;"> <p>NAD 83 NME Y = 495,882.5 X = 694,833.2 LAT. = 32.362274°N LONG. = 103.836853°W</p> </td> <td style="width: 25%;"> <p>NAD 83 NME Y = 493,530.9 X = 679,743.7 LAT. = 32.355990°N LONG. = 103.885106°W</p> </td> </tr> <tr> <td> <p>FIRST TAKE POINT NAD 27 NME Y = 493,475.9 X = 651,258.8 LAT. = 32.355730°N LONG. = 103.843495°W</p> </td> <td> <p>BOTTOM HOLE LOCATION NAD 27 NME Y = 493,470.6 X = 638,431.6 LAT. = 32.355869°N LONG. = 103.885034°W</p> </td> <td> <p>FIRST TAKE POINT NAD 83 NME Y = 493,536.0 X = 692,440.9 LAT. = 32.355907°N LONG. = 103.843981°W</p> </td> <td> <p>BOTTOM HOLE LOCATION NAD 83 NME Y = 493,530.7 X = 679,613.7 LAT. = 32.355992°N LONG. = 103.885527°W</p> </td> </tr> </table> <p style="font-size: x-small;">CORNER COORDINATES TABLE NAD 27 NME</p> <table style="width: 100%; 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RW 11-28-18



APD ID: 10400025881

Submission Date: 12/29/2017

Highlighted data reflects the most recent changes.

Operator Name: BOPCO LP

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

Well Number: 231H

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: 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: