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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

RECEIVED

JAN 10 2019

Form C-102  
Revised August 1, 2011  
One copy to appropriate  
District Office

DISTRICT II-ARTESIA O.C.D.  
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-45615	<sup>2</sup> Pool Code 96597	<sup>3</sup> Pool Name Los Medanos Wildcat, Wolfcamp
<sup>4</sup> Property Code 323144	<sup>5</sup> Property Name JAMES RANCH UNIT IA WCY-5E	
<sup>7</sup> OGRID No. 2UD737	<sup>8</sup> Operator Name BOPCO, L.P.	<sup>6</sup> Well Number 221H
		<sup>9</sup> Elevation 3160'

<sup>10</sup> Surface Location

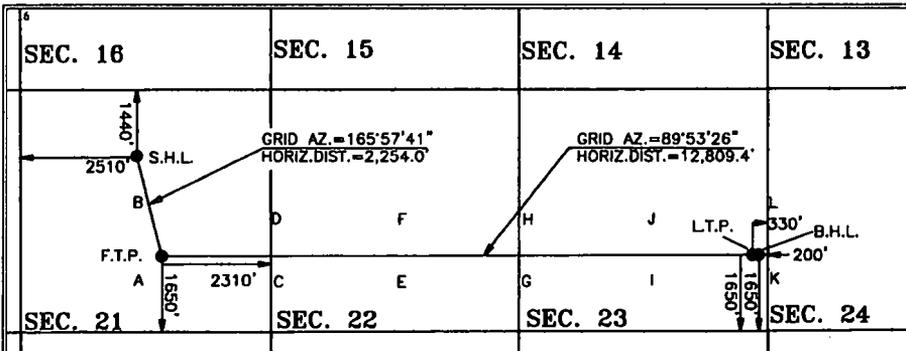
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	21	22 S	30 E		1,440	NORTH	2,510	WEST	EDDY

<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
I	23	22 S	30 E		1,650	SOUTH	200	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.



**<sup>17</sup> 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 12-1-17  
Signature Date

Stephanie Rabadue  
Printed Name

stephanie.rabadue@ktoenergy.com  
E-mail Address

SURFACE LOCATION		LAST TAKE POINT		SURFACE LOCATION		LAST TAKE POINT	
NAD 27 NME	NAD 27 NME	NAD 27 NME	NAD 27 NME	NAD 83 NME	NAD 83 NME	NAD 83 NME	NAD 83 NME
Y= 502,566.0	Y= 500,403.6	Y= 502,626.3	Y= 500,463.8	Y= 502,626.3	Y= 500,463.8	Y= 500,463.8	Y= 500,463.8
X= 637,983.2	X= 651,219.2	X= 679,175.0	X= 692,401.1	X= 679,175.0	X= 692,401.1	X= 692,401.1	X= 692,401.1
LAT.= 32.380876°N	LAT.= 32.374773°N	LAT.= 32.380998°N	LAT.= 32.374895°N	LAT.= 32.380998°N	LAT.= 32.374895°N	LAT.= 32.374895°N	LAT.= 32.374895°N
LONG.= 103.886331°W	LONG.= 103.843521°W	LONG.= 103.886825°W	LONG.= 103.844014°W	LONG.= 103.886825°W	LONG.= 103.844014°W	LONG.= 103.844014°W	LONG.= 103.844014°W
FIRST TAKE POINT		BOTTOM HOLE LOCATION		FIRST TAKE POINT		BOTTOM HOLE LOCATION	
NAD 27 NME	NAD 27 NME	NAD 27 NME	NAD 27 NME	NAD 83 NME	NAD 83 NME	NAD 83 NME	NAD 83 NME
Y= 500,379.4	Y= 500,403.9	Y= 500,439.6	Y= 500,464.1	Y= 500,439.6	Y= 500,464.1	Y= 500,464.1	Y= 500,464.1
X= 638,539.9	X= 651,349.2	X= 679,721.7	X= 692,531.1	X= 679,721.7	X= 692,531.1	X= 692,531.1	X= 692,531.1
LAT.= 32.374859°N	LAT.= 32.374772°N	LAT.= 32.374981°N	LAT.= 32.374894°N	LAT.= 32.374981°N	LAT.= 32.374894°N	LAT.= 32.374894°N	LAT.= 32.374894°N
LONG.= 103.884590°W	LONG.= 103.843100°W	LONG.= 103.885084°W	LONG.= 103.843593°W	LONG.= 103.885084°W	LONG.= 103.843593°W	LONG.= 103.843593°W	LONG.= 103.843593°W

**CORNER COORDINATES TABLE**  
NAD 27 NME

A - Y= 500,047.8 N, X= 638,169.6 E
B - Y= 501,366.6 N, X= 638,166.2 E
C - Y= 500,051.5 N, X= 640,851.0 E
D - Y= 501,369.8 N, X= 640,846.4 E
E - Y= 500,056.9 N, X= 643,520.8 E
F - Y= 501,376.2 N, X= 643,519.1 E
G - Y= 500,063.5 N, X= 646,192.2 E
H - Y= 501,382.6 N, X= 646,192.6 E
I - Y= 500,068.6 N, X= 648,870.7 E
J - Y= 501,388.4 N, X= 648,872.0 E
K - Y= 500,074.2 N, X= 651,548.8 E
L - Y= 501,394.1 N, X= 651,550.4 E

**CORNER COORDINATES TABLE**  
NAD 83 NME

A - Y= 500,108.0 N, X= 679,351.4 E
B - Y= 501,426.9 N, X= 679,348.0 E
C - Y= 500,111.7 N, X= 682,032.9 E
D - Y= 501,430.0 N, X= 682,028.2 E
E - Y= 500,117.1 N, X= 684,702.7 E
F - Y= 501,436.4 N, X= 684,700.9 E
G - Y= 500,123.7 N, X= 687,374.1 E
H - Y= 501,442.8 N, X= 687,374.4 E
I - Y= 500,128.8 N, X= 690,052.6 E
J - Y= 501,448.6 N, X= 690,053.8 E
K - Y= 500,134.4 N, X= 692,730.7 E
L - Y= 501,454.3 N, X= 692,732.3 E

**<sup>18</sup> 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.

11-28-2017  
Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP 23786  
Certificate Number

AI 2017050660

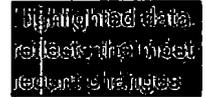
RWP 1-14-19



APD ID: 10400025886

Submission Date: 12/30/2017

Operator Name: BOPCO LP



Well Name: JAMES RANCH UNIT D11A WCY-5E

Well Number: 221H

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	--	3160	0	0	ALLUVIUM, OTHER : Quaternary	NONE	No
2	RUSTLER	2963	194	194	SANDSTONE	USEABLE WATER	No
3	TOP SALT	2601	556	556	SALT	POTASH	No
4	BASE OF SALT	-111	3268	3268	SALT	POTASH	No
5	CHERRY CANYON	-1287	4444	4444	SANDSTONE	NATURAL GAS, OIL, OTHER : Produced Water	No
6	BRUSHY CANYON	-2861	6018	6018	SANDSTONE	NATURAL GAS, OIL, OTHER : Produced Water	No
7	BONE SPRING 1ST	-5230	8387	8387	SANDSTONE	NATURAL GAS, POTASH, OTHER : Produced Water	No
8	BONE SPRING 2ND	-5463	8620	8620	SANDSTONE	NATURAL GAS, OIL, OTHER : Produced Water	No
9	BONE SPRING 3RD	-6398	9555	9555	SANDSTONE	NATURAL GAS, OIL, OTHER : Produced Water	No
10	WOLFCAMP	-7540	10697	10697	SANDSTONE	NATURAL GAS, OIL, OTHER : Produced Water	Yes

**Section 2 - Blowout Prevention**

Pressure Rating (PSI): 5M

Rating Depth: 10818

**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:** A variance is requested to allow use of a flex hose as the choke line from the BOP to the Choke Manifold. If this hose is used, a copy of the manufacturer's certification and pressure test chart will be kept on the rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors.

**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 5000psi. 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.

**Choke Diagram Attachment:**