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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

APR 12 2019

Form C-102

Revised August 1, 2011

DISTRICT II - ARTESIA  
appropriate  
District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-015-45876</b>	<sup>2</sup> Pool Code <b>98220</b>	<sup>3</sup> Pool Name <b>PURPLE SAGE; WOLFCAMP</b>
<sup>4</sup> Property Code <b>325383</b>	<sup>5</sup> Property Name <b>ASTEROID 20-29 FED COM WCB</b>	
<sup>7</sup> OGRID No. <b>372137</b>	<sup>8</sup> Operator Name <b>CHISHOLM ENERGY OPERATING, LLC</b>	<sup>6</sup> Well Number <b>1H</b>
		<sup>9</sup> Elevation <b>3386.7</b>

<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
<b>B</b>	<b>20</b>	<b>23 S</b>	<b>26 E</b>		<b>120</b>	<b>NORTH</b>	<b>1360</b>	<b>EAST</b>	<b>EDDY</b>

<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
<b>P</b>	<b>29</b>	<b>23 S</b>	<b>26 E</b>		<b>330</b>	<b>SOUTH</b>	<b>400</b>	<b>EAST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres <b>640</b>	<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>NMSP EAST (FT) N = 471733.80 E = 544118.64</p> <p>NMSP EAST (FT) N = 471738.57 E = 546799.97</p> <p>330' FNL, 400' FEL LAT. = 32.2959852°N LONG. = 104.3082611°W N = 471412.91 E = 549084.51 GRID AZ. TO LIP S77°46'27"E HORIZ. DIST 983.19 FT</p> <p>SEC. 20</p> <p>NMNM069578</p> <p>NMNM090809</p> <p>NMNM094838</p> <p>GRID AZ. TO LIP S77°46'27"E HORIZ. DIST 983.19 FT</p> <p>SEC. 29</p> <p>NMNM090809</p> <p>NMNM094838</p> <p>LTP BHL</p> <p>NOT FOUND SCALED</p>		<p>120' 1360'</p> <p>FTP</p> <p>ASTEROID 20-29 FED COM WCB 1H ELEV. = 3386.7' LAT. = 32.2965579°N (NAD83) LONG. = 104.3113700°W NMSP EAST (FT) N = 471621.06 E = 548123.86</p> <p>LAT. = 32.28963 LONG. = -104.308227 2640' FSL, 400' FEL</p> <p>NMSP EAST (FT) N = 471743.64 E = 549483.02</p> <p>NMSP EAST (FT) N = 466407.57 E = 544152.07</p> <p>NMSP EAST (FT) N = 466437.8 E = 546828.79</p> <p>NMSP EAST (FT) N = 461139.82 E = 546847.05</p> <p>NMSP EAST (FT) N = 461514.48 E = 549111.66</p> <p>NMSP EAST (FT) N = 461192.40 E = 549511.96</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><i>Jennifer Elrod</i> 11/19/2018 Signature Date</p> <p>JENNIFER ELROD Printed Name</p> <p>jelrod@chisholmenergy.com E-mail Address</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 are true and correct to the best of my belief.</p> <p>MAY 22, 2018</p> <p>Date of Survey</p> <p>12797</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number: FILIMON F. JARAMILLO, PLS 12797</p> <p>SURVEY NO. 6280</p>
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R.R. 4-17-19



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

## Drilling Plan Data Report

04/02/2019

APD ID: 10400032426

Submission Date: 07/26/2018

Highlighted data  
reflects the most  
recent changes

Operator Name: CHISHOLM ENERGY OPERATING LLC

Well Name: ASTEROID 20-29 FED COM WCB

Well Number: 1H

[Show Final Text](#)

Well Type: CONVENTIONAL GAS 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	DELAWARE	3364	1843	1843	SHALE,SANDSTONE,SILTSTONE	NONE	No
2	BONE SPRING	-1744	5108	5108	LIMESTONE,SHALE	NATURAL GAS,OIL	No
3	BONE SPRING 1ST	-2685	6049	6049	SHALE,SANDSTONE,SILTSTONE	NATURAL GAS,OIL	No
4	BONE SPRING 2ND	-2969	6333	6333	SHALE,SANDSTONE,SILTSTONE	NATURAL GAS,OIL	No
5	BONE SPRING 3RD	-3159	6523	6523	LIMESTONE	NATURAL GAS,OIL	No
6	BONE SPRING 3RD	-4808	8172	8172	SHALE,SANDSTONE,SILTSTONE	NATURAL GAS,OIL	No
7	WOLFCAMP	-5182	8546	8546	LIMESTONE,SHALE,SILTSTONE	NATURAL GAS,OIL	No
8	WOLFCAMP	-5280	8644	8644	LIMESTONE,SHALE,SILTSTONE	NATURAL GAS,OIL	No
9	WOLFCAMP	-5585	8949	8949	LIMESTONE	NATURAL GAS,OIL	No
10	WOLFCAMP	-5950	9314	9314	LIMESTONE,SHALE,SILTSTONE	NATURAL GAS,OIL	Yes

### Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 12500

Equipment: Rotating head, Mud Gas Separator, Flare Line, Remote Kill Line

Requesting Variance? YES

**Variance request:** WE PROPOSE UTILIZING A CACTUS SPEED HEAD MULTI-BOWL WELLHEAD FOR THIS WELL. PLEASE SEE ATTACHED DIAGRAM AND PRESSURE TESTING STATEMENT. ALSO WE REQUEST TO USE A FLEX CHOKE HOSE; PLEASE SEE ATTACHMENT.

**Testing Procedure:** As per Onshore Order #2 BOP testing procedure -N/U the rig's BOP. Use 3rd party testers to perform the following: -Test the pipe rams, blind rams, floor valves (IBOP and/or upper Kelly valve), choke lines and manifold to 250 psi/5,000 psi with a test plug and a test pump. -Test the Hyrdil annular to 250 psi/2,500 psi with same as above.

**Choke Diagram Attachment:**

5M\_Choke\_Manifold\_Diagram\_20180726123652.pdf