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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

Form C-102

Revised August 1, 2011

Submit a copy to appropriate
District Office

DISTRICT II-ARTESIA O.C.D.

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45877	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 325385	⁵ Property Name ASTEROID 20-29 FED COM WCA	
⁷ OGRID No. 372137	⁸ Operator Name CHISHOLM ENERGY OPERATING, LLC	⁶ Well Number 2H
		⁹ Elevation 3386.4

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
B	20	23 S	26 E		120	NORTH	1330	EAST	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
P	29	23 S	26 E		330	SOUTH	400	EAST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. 40
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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>LANDING POINT 330' FNL, 400' FEL LAT. = 32.2959852°N LONG. = 104.3082611°W N = 471412.91 E = 549084.51 GRID AZ. TO 4P S77°23'29"E HORIZ. DIST 953.95 FT</p> <p>SHL NMNM070200</p> <p>32.28963 -104.308227 400 FEL 2640 FNL</p> <p>NMNM069578</p> <p>SEC 20</p> <p>NMSP EAST (FT) N = 466407.57 E = 544152.07</p> <p>NMSP EAST (FT) N = 466437.6 E = 546828.79</p> <p>NMNM090809</p> <p>NMNM091838</p> <p>SEC 29</p> <p>NMSP EAST (FT) N = 461139.82 E = 546847.05</p> <p>NMSP EAST (FT) N = 461192.40 E = 549111.96</p> <p>NOT FOUND SCALED</p> <p>BHL 400' 330'</p> <p>GRID AZ. = 00°09'26"E HORIZ. DIST = 9900.93 FT</p> <p>ASTEROID 20-29 FED COM WCA 2H ELEV. = 3386.4' LAT. = 32.2965580°N (NAD83) LONG. = 104.3112731°W NMSP EAST (FT) N = 471621.09 E = 548153.80</p> <p>BOTTOM OF HOLE 330' FSL, 400' FEL LAT. = 32.2687755°N LONG. = 104.3081808°W NMSP EAST (FT) N = 461514.48 E = 549111.66</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>Jennifer Elrod</i> 7/24/18 Signature Date</p> <p>JENNIFER ELROD Printed Name</p> <p>jelrod@chisholmenergy.com E-mail Address</p> <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>MAY 22, 2018 Date of Survey</p> <p><i>FILIMON F. JARAMILLO</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number: FILIMON F. JARAMILLO, PLS 12797 SURVEY NO. 6281</p>
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RUP 4-17-19



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

Drilling Plan Data Report

04/02/2019

APD ID: 10400032424

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 WCA

Well Number: 2H

[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	-4808	8172	8172	SHALE,SANDSTONE,SILTSTONE	NATURAL GAS,OIL	No
6	WOLFCAMP	-5182	8546	8546	LIMESTONE,SHALE,SILTSTONE	NATURAL GAS,OIL	No
7	WOLFCAMP	-5280	8644	8644	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 Hydril annular to 250 psi/2,500 psi with same as above.

Choke Diagram Attachment:

5M_Choke_Manifold_Diagram_20180726115802.pdf

BOP Diagram Attachment:

5m_BOP_Diagram_20180726115810.pdf