District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (305) 334-6178 Fax: (505) 334-6170
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

RECEIVED

East/West line

Form C-102

County

Revised August 1, 2011

APR upril 2018 popy to appropriate

District Office

DISTRICT II-AHTESIAO CU.

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Númber	² Pool Code	³ Pool Name		
30-015-45877	98220	PURPLE SAGE; WOLFCAME	CAMP	
' Property Code	5 Pr	6 Well Number		
325385	ASTEROID 20	2H		
OGRID No.	8 O _I	, Elevation		
372137	CHISHOLM ENERGY OPERATING, LLC			
	10 Cur	face I ocation	·	

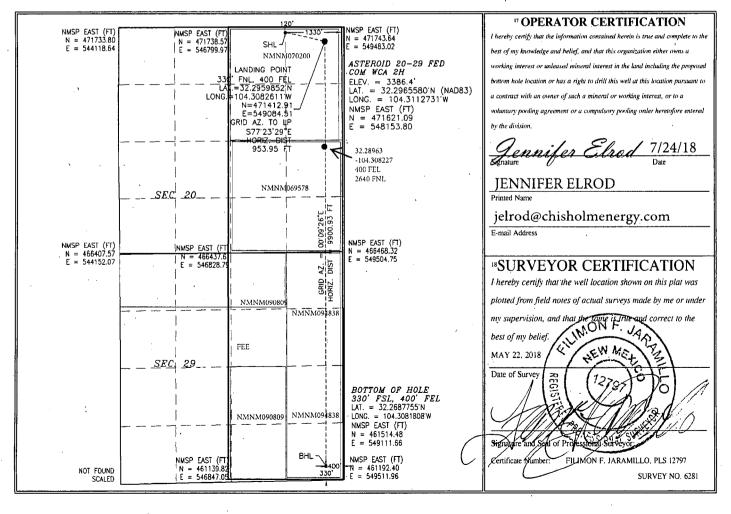
UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the

В	20	23 S	26 E		120	NORTH	1330	EAST	EDDY
" 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

Dedicated Acres 640

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.



RW4-17-19



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

Drilling Plan Data I

APD ID: 10400032424

Submission Date: 07/26/2018

Highlighted data reflects the most

recent changes.

Operator Name: CHISHOLM ENERGY OPERATING LLC

Well Number: 2H

Show Final Text

Well Name: ASTEROID 20-29 FED COM WCA

Well Type: CONVENTIONAL GAS WELL

Well Work Type: Drill

Section 1 - Geologic Formations

Formation	e .		True Vertical	Measured			Producing
ID	Formation Name	Elevation	Depth	Depth	Lithologies	Mineral Resources	Formation
1	DELAWARE	3364	1843	1843	SHALE,SANDSTONE,SI LTSTONE	NONE	No
2	BONE SPRING	-1744	5108	5108	LIMESTONE,SHALE	NATURAL GAS,OIL	. No
3	BONE SPRING 1ST	-2685	6049	6049	SHALE,SANDSTONE,SI LTSTONE	NATURAL GAS,OIL	No
4	BONE SPRING 2ND	-2969	6333	6333	SHALE,SANDSTONE,SI LTSTONE	NATURAL GAS,OIL	No
5	BONE SPRING 3RD	-4808	8172	8172	SHALE,SANDSTONE,SI LTSTONE	NATURAL GAS,OIL	No
6	WOLFCAMP .	-5182	8546	8546	LIMESTONE,SHALE,SIL TSTONE	NATURAL GAS OIL	No
7	WOLFCAMP	-5280	8644	8644	LIMESTONE,SHALE,SIL TSTONE	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 20180726115802.pdf

BOP Diagram Attachment:

5m_BOP_Diagram_20180726115810.pdf