

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 Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 248566

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address CHISHOLM ENERGY OPERATING, LLC 801 CHERRY ST. FORT WORTH, TX 76102		2. OGRID Number 372137
4. Property Code 319783		3. API Number 30-025-44489
5. Property Name ANTLER 17 STATE 2BS		6. Well No. 005H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	17	22S	35E	M	150	S	1285	W	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	17	22S	35E	C	330	N	1980	W	Lea

9. Pool Information

ROCK LAKE;BONE SPRING	52766
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3551
16. Multiple N	17. Proposed Depth 15100	18. Formation Bone Spring	19. Contractor	20. Spud Date 3/1/2018
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1950	1565	0
Int1	12.25	9.625	40	6000	2242	0
Prod	8.75	5.5	17	15100	1959	5000

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	1500	1500	CAMERON
Double Ram	5000	5000	CAMERON
Pipe	5000	5000	CAMERON

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Jennifer Elrod	Approved By: Paul Kautz
Title: Sr. Regulatory Tech	Title: Geologist
Email Address: jelrod@chisholmenergy.com	Approved Date: 2/15/2018 Expiration Date: 2/15/2020
Date: 2/15/2018 Phone: 817-953-3728	Conditions of Approval Attached

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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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 52766		3 Pool Name Rock Lake; Bone Spring					
4 Property Code 319783		5 Property Name ANTLER 17 STATE 2BS						6 Well Number 5H	
7 OGRID No. 372137		8 Operator Name CHISHOLM ENERGY OPERATING, LLC						9 Elevation 3550.9	
10 Surface Location									
UL or lot no. M	Section 17	Township 22 S	Range 35 E	Lot Idn	Feet from the 150	North/South line SOUTH	Feet from the 1285	East/West line WEST	County LEA
11 Bottom Hole Location If Different From Surface									
UL or lot no. C	Section 17	Township 22 S	Range 35 E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 1980	East/West line WEST	County LEA
12 Dedicated Acres 160		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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.

1980' NWSP EAST (FT) N = 510134.09 E = 829952.86 BOTTOM OF HOLE 330' FNL, 1980' FWL LAT. = 32.3981041°N LONG. = 103.3918123°W NWSP EAST (FT) N = 509841.01 E = 831935.29 GRID AZ. = N00°32'36"W HORIZ. DIST. = 4630.95 FT LANDING POINT 330' FSL, 1980' FWL LAT. = 32.3853778°N LONG. = 103.3918015°W NWSP EAST (FT) N = 505211.09 E = 831979.39 GRID AZ. TO LP N74°53'33"E HORIZ. DIST. 718.02 FT ANTLER 17 STATE 2BS 5H ELEV. = 3550.9' LAT. = 32.3848803°N (NAD83) LONG. = 103.3940521°W NWSP EAST (FT) N = 505023.98 E = 831286.21 SURFACE LOCATION NWSP EAST (FT) N = 504860.98 E = 830002.89 1285' NWSP EAST (FT) N = 504887.90 E = 832644.35 NWSP EAST (FT) N = 510200.53 E = 835241.16 NWSP EAST (FT) N = 507560.54 E = 835264.67 NWSP EAST (FT) N = 504920.27 E = 835287.32		16 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. <u>Jennifer Elrod</u> 02/15/2018 Signature Date Jennifer Elrod Printed Name jelrod@chisholmenergy.com E-mail Address 17 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. FEBRUARY 14, 2018 Date of Survey <u>[Signature]</u> Signature and Seal of Professional Surveyor Certificate Number: FIDMON F. JARAMILLO, PLS 12797 SURVEY NO. 53518
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Form APD Comments

Permit 248566

PERMIT COMMENTS

Operator Name and Address: CHISHOLM ENERGY OPERATING, LLC [372137] 801 CHERRY ST. FORT WORTH, TX 76102		API Number: 30-025-44489
		Well: ANTLER 17 STATE 2BS #005H
Created By	Comment	Comment Date
ksharp	Gas Capture Plan rec'd 2-15-18	2/15/2018

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Form APD Conditions

State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

Permit 248566

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: CHISHOLM ENERGY OPERATING, LLC [372137] 801 CHERRY ST. FORT WORTH, TX 76102	API Number: 30-025-44489
	Well: ANTLER 17 STATE 2BS #005H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Stage Tool - 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.