

**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 243431

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

1. Operator Name and Address CHISHOLM ENERGY OPERATING, LLC 801 Cherry Street Fort Worth, TX 76102		2. OGRID Number 372137
4. Property Code 319784		3. API Number 30-025-44142
5. Property Name ANTLER 17 STATE 1BS		6. Well No. 002H

**7. Surface Location**

UL - Lot M	Section 17	Township 22S	Range 35E	Lot Idn M	Feet From 150	N/S Line S	Feet From 1165	E/W Line W	County Lea
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**8. Proposed Bottom Hole Location**

UL - Lot D	Section 17	Township 22S	Range 35E	Lot Idn D	Feet From 330	N/S Line N	Feet From 660	E/W Line W	County Lea
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**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 3553
16. Multiple N	17. Proposed Depth 14450	18. Formation Bone Spring	19. Contractor	20. Spud Date 2/5/2018
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	14450	1831	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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.  Signature:	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Bettie Watson	Approved By: Paul Kautz
Title: Regulatory Consultant	Title: Geologist
Email Address: bwatson@chisholmenergy.com	Approved Date: 10/24/2017      Expiration Date: 10/24/2019
Date: 10/24/2017      Phone: 972-979-0132	Conditions of Approval Attached

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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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code 52766	<sup>3</sup> Pool Name Rock Lake; Bone Spring
<sup>4</sup> Property Code	<sup>5</sup> Property Name ANTLER 17 STATE 1BS		<sup>6</sup> Well Number 2H
<sup>7</sup> OGRID No. 372137	<sup>8</sup> Operator Name CHISHOLM ENERGY OPERATING, LLC		<sup>9</sup> Elevation 3553.5

\* Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	22 S	35 E		150	SOUTH	1165	WEST	LEA

\* 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
D	17	22 S	35 E		330	NORTH	660	WEST	LEA

<sup>12</sup> Dedicated Acres 160	<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><b>BOTTOM OF HOLE</b> 330' PNL, 660' FWL LAT. = 32.3980684°N LONG. = 103.3960876°W NMSP EAST (FT) N = 509816.45 E = 830615.78</p> <p><b>LANDING POINT</b> 330' ESL, 660' FWL LAT. = 32.3853727°N LONG. = 103.396076869°W NMSP EAST (FT) N = 505197.64 E = 830659.59 GRID AZ. TO LP N70°58'01"W HORIZ. DIST. 536.02 FT</p> <p><b>ANTLER 17 STATE 1BS 2H</b> ELEV. = 3553.5' LAT. = 32.3848802°N (NAD83) LONG. = 103.3944408°W NMSP EAST (FT) N = 505022.86 E = 831166.22</p> <p><b>SURFACE LOCATION</b> NMSP EAST (FT) N = 504887.90 E = 832644.35</p>	<p><b>17 OPERATOR CERTIFICATION</b> 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> 10/23/2017 Signature Date</p> <p>Jennifer Elrod Printed Name</p> <p>jelrod@chisholmenergy.com E-mail Address</p>
	<p><b>18 SURVEYOR CERTIFICATION</b> 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>JULY 18, 2017 Date of Survey</p> <p><i>FILMON F. JARAMILLO</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number: FILMON F. JARAMILLO, PLS 12797 SURVEY NO. 5349</p>
	<p><b>19</b></p>

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form APD Comments  
  
Permit 243431

**PERMIT COMMENTS**

Operator Name and Address: CHISHOLM ENERGY OPERATING, LLC [372137] 801 Cherry Street Fort Worth, TX 76102		API Number: 30-025-44142
		Well: ANTLER 17 STATE 1BS #002H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 243431

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
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**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: CHISHOLM ENERGY OPERATING, LLC [372137] 801 Cherry Street Fort Worth, TX 76102	API Number: 30-025-44142
	Well: ANTLER 17 STATE 1BS #002H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	Pit construction and closure must satisfy all requirements of your approved plan.
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
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	Operator shall notify appropriate District office when setting conductor pipe.
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 20 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	If an APD expires and if site construction has occurred, site remediation is required.
pkautz	Lost Circulation - Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186
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.
pkautz	Gas Capture Plan - Operator to Submit Gas Capture Plan ASAP.