

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 244035

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 319915		3. API Number 30-015-44539
5. Property Name DARK CANYON 22 15 STATE WCA		6. Well No. 003H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	22	23S	26E	M	145	S	112	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	15	23S	26E	D	340	N	1275	W	Eddy

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3313
16. Multiple N	17. Proposed Depth 18610	18. Formation Wolfcamp	19. Contractor	20. Spud Date 4/15/2018
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	400	530	0
Int1	12.25	9.625	40	5200	2935	0
Prod	8.75	5.5	17	18610	3908	4200

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 Bettie Watson	Approved By: Raymond Podany
Title: Regulatory Consultant	Title: Geologist
Email Address: bwatson@chisholmenergy.com	Approved Date: 11/9/2017 Expiration Date: 11/9/2019
Date: 11/3/2017 Phone: 972-979-0132	Conditions of Approval Attached

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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87503
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

¹ API Number	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLF CAMP
⁴ Property Code	⁵ Property Name DARK CANYON 22-15 STATE WCA	⁶ Well Number 3H
⁷ OGRID No. 372137	⁸ Operator Name CHISHOLM ENERGY OPERATING, LLC	⁹ Elevation 3313.1

*** 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	22	23 S	26 E		145	SOUTH	1120	WEST	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
D	15	23 S	26 E		340	NORTH	1275	WEST	EDDY

¹⁰ Dedicated Acres	¹¹ Joint or Infill	¹² Consolidation Code	¹³ Order No.
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.

BOTTOM OF HOLE 340' FSL, 1275' FWL LAT. = 32.3107367N LONG. = 104.2855372W NWSP EAST (FT) N = 477089.98 E = 554828.56 DARK CANYON 22-15 STATE WCA 3H 146' FSL, 1120' FWL ELEV. = 3313.1' LAT. = 32.2829009'N (NAD83) LONG. = 104.2860226W NWSP EAST (FT) N = 466555.35 E = 555958.06 LANDING POINT 365' FSL, 1270' FWL LAT. = 32.2835145N LONG. = 104.2855378W N = 466578.68 E = 556077.79 GRID AZ. TO LP N33°50'29"E HORIZ. DIST 268.92 FT SHL 1120' GRID AZ. TO LP N33°50'29"E HORIZ. DIST 268.92 FT SEC. 15 SEC. 22 GRID AZ. TO LP N33°50'29"E HORIZ. DIST 268.92 FT NWSP EAST (FT) N = 477156.92 E = 557518.81 NWSP EAST (FT) N = 471836.81 E = 557522.54 NWSP EAST (FT) N = 471757.12 E = 554833.76 NWSP EAST (FT) N = 466435.28 E = 554838.48	" 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 undivided 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> 11/03/17 Signature Date JENNIFER ELROD Printed Name jelrod@chisholmenergy.com E-mail Address "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. OCTOBER 21, 2017 Date of Survey <u>[Signature]</u> Signature and Seal of Professional Surveyor Certificate Number: FELIMON P. JARAMILLO, PLS 12797 SURVEY NO. 5703
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Form APD Comments

Permit 244035

PERMIT COMMENTS

Operator Name and Address: CHISHOLM ENERGY OPERATING, LLC [372137] 801 Cherry Street Fort Worth, TX 76102		API Number: 30-015-44539
		Well: DARK CANYON 22 15 STATE WCA #003H

Created By	Comment	Comment Date
jelrod	FORMATION MD, ft TVD, ft TVDSS, ft Lamar LS 1747 1600 Delaware Mtn Gr 1890 1457 Bone Spring 5205 -1858 1st Bone Spring SS 6140 -2793 2nd Bone Spring SS 6510 -3163 3rd Bone Spring SS 8260 -4913 Wolfcamp 8660 -5313 Wolfcamp A 8741 -5394 Wolfcamp A Base 8800 -5453 Wolfcamp B 9133 -5786 TD 9200 -5853	11/3/2017

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Form APD Conditions

Permit 244035

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: CHISHOLM ENERGY OPERATING, LLC [372137] 801 Cherry Street Fort Worth, TX 76102		API Number: 30-015-44539
		Well: DARK CANYON 22 15 STATE WCA #003H
OCD Reviewer	Condition	
RPodany	Will require a directional survey with the C-104	
RPodany	Cement is required to circulate on both surface and intermediate1 strings of casing	