

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 258450

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 322719		3. API Number 30-015-45318
5. Property Name SPITFIRE 16 STATE COM WCB		6. Well No. 001H

7. Surface Location

UL - Lot A	Section 16	Township 22S	Range 26E	Lot Idn A	Feet From 120	N/S Line N	Feet From 665	E/W Line E	County Eddy
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8. Proposed Bottom Hole Location

UL - Lot P	Section 16	Township 22S	Range 26E	Lot Idn P	Feet From 330	N/S Line S	Feet From 330	E/W Line E	County Eddy
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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 3354
16. Multiple N	17. Proposed Depth 14700	18. Formation Wolfcamp	19. Contractor	20. Spud Date 11/30/2018
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	48	420	435	0
Int1	12.25	9.625	40	7900	1735	0
Prod	8.75	5.5	20	14700	2340	0

Casing/Cement Program: Additional Comments

DV TOOL WILL BE SET @ 2600'; INTERMEDIATE WILL HAVE 2 STAGES OF CMNT; STAGE 1 LEAD-730 SXS; STAGE 1 TAIL-420 SXS; STAGE 2 LEAD-350 SXS; STAGE 2 TAIL-235 SXS
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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2500	2500	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: Raymond Podany
Title: Sr. Regulatory Tech	Title: Geologist
Email Address: jelrod@chisholmenergy.com	Approved Date: 10/15/2018 Expiration Date: 10/15/2020
Date: 10/15/2018 Phone: 817-953-3728	Conditions of Approval Attached

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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87501
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; WOLFCAMP
⁴ Property Code	⁵ Property Name SPITFIRE 16 STATE COM WCB	⁶ Well Number 1H
⁷ OGRID No. 372137	⁸ Operator Name CHISHOLM ENERGY OPERATING, LLC	⁹ Elevation 3354.2

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	16	22 S	26 E		120	NORTH	665	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	16	22 S	26 E		330	SOUTH	330	EAST	EDDY

¹⁰ Dedicated Acres 320	¹¹ Joint or Infill	¹² Consolidation Code	¹³ 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.

	¹⁴ 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 unless 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. <i>Jennifer Elrod</i> 9/26/2018 Signature Date JENNIFER ELROD Printed Name jelrod@chisholmenergy.com E-mail Address ¹⁵ 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. SEPTEMBER 19, 2018 Date of Survey <i>Filimon F. Jaramillo</i> Signature and Seal of Professional Surveyor Certificate Number: FILIMON F. JARAMILLO, PLS 12797 SURVEY NO. 6498
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Intent ☒ As Drilled ☐

API #

Operator Name: CHISHOLM ENERGY OPERATING, LLC	Property Name: SPITFIRE 16 STATE COM WCB	Well Number 1H
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Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	16	22S	26E		120	NORTH	665	EAST	EDDY
Latitude					Longitude				NAD
32.3993103					104.2914411				83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	16	22S	26E		330	NORTH	330	EAST	EDDY
Latitude					Longitude				NAD
32.3987389					104.2903558				83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
P	16	22S	26E		330	SOUTH	330	EAST	EDDY
Latitude					Longitude				NAD
32.3859754					104.2903498				83

Is this well the defining well for the Horizontal Spacing Unit? ☒ YES

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number
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KZ 06/29/2018

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Santa Fe, NM 87505

Form APD Comments

Permit 258450

PERMIT COMMENTS

Operator Name and Address: CHISHOLM ENERGY OPERATING, LLC [372137] 801 Cherry Street Fort Worth, TX 76102		API Number: 30-015-45318
		Well: SPITFIRE 16 STATE COM WCB #001H
Created By	Comment	Comment Date
rklein	Add BHL to C102 page	10/15/2018

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Form APD Conditions

Permit 258450

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address:		API Number:
CHISHOLM ENERGY OPERATING, LLC [372137]		30-015-45318
801 Cherry Street		Well:
Fort Worth, TX 76102		SPITFIRE 16 STATE COM WCB #001H
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	