

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 247729

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

1. Operator Name and Address CIMAREX ENERGY CO. 202 S. Cheyenne Ave. Tulsa, OK 74103		2. OGRID Number 215099
4. Property Code 320797		3. API Number 30-015-44694
5. Property Name CRAWFORD 27 26 FEE		6. Well No. 002H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	27	24S	26E	D	782	N	330	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
A	26	24S	26E	A	380	N	330	E	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 Private	15. Ground Level Elevation 3349
16. Multiple N	17. Proposed Depth 18283	18. Formation Wolfcamp	19. Contractor	20. Spud Date 6/25/2018
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	400	256	0
Int1	12.25	9.625	36	1792	444	0
Prod	8.75	7	26	8607	408	1592
Liner1	6	4.5	11.6	18283	688	8793

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	2000	Cameran
Annular	3000	3000	CA
Annular	5000	5000	Cameran

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.	OIL CONSERVATION DIVISION
Signature:	
Printed Name: Electronically filed by Genea A Holloway	Approved By: Raymond Podany
Title: Prod Admin Supervisor	Title: Geologist
Email Address: gholloway@cimarex.com	Approved Date: 2/16/2018 Expiration Date: 2/16/2020
Date: 2/16/2018 Phone: 918-295-1658	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 30-015	² Pool Code 98220	³ Pool Name Purple Sage; Wolcamp (Gas)
⁴ Property Code	⁵ Property Name CRAWFORD 27 - 26 FEE	⁶ Well Number 2H
⁷ GRID NO. 215099	⁸ Operator Name CIMAREX ENERGY COMPANY	⁹ Elevation 3349'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
D	27	24S	26E		782	NORTH	330	WEST	EDDY

¹¹ 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
A	26	24S	26E		380	NORTH	330	EAST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

16 GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N 434130.2 - E 555219.5 LAT: 32.1934934° N LONG: 104.2884564° W BOTTOM HOLE N 434504.3 - E 565136.6 LAT: 32.1945064° N LONG: 104.2563962° W	CORNER DATA NAD 83 GRID - NM EAST A: FOUND BRASS CAP "1968" N 429515.4 - E 554978.9 B: FOUND BRASS CAP "1968" N 432212.2 - E 554926.8 C: FOUND BRASS CAP "1968" N 434908.8 - E 554874.1 D: FOUND BRASS CAP "1968" N 434930.4 - E 557539.6	E: FOUND BRASS CAP "1968" N 434957.1 - E 560169.8 F: FOUND 1/2" REBAR N 434879.4 - E 565461.0 G: FOUND BRASS CAP "1968" N 429555.3 - E 565537.4 H: CALCULATED CORNER N 429624.1 - E 560286.4 I: FOUND BRASS CAP "1968" N 429570.0 - E 557627.1	17 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. Signature <u>Terri Stathem</u> Date <u>2/16/18</u> Printed Name E-mail Address <u>tstathem@cimarex.com</u>
			18 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. 01-09-2018 Date of Survey Signature and Seal of Professional Surveyor <u>Robert M. Howett</u> 19680 Certificate Number

Job No.: LS1801011

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Form APD Comments

Permit 247729

PERMIT COMMENTS

Operator Name and Address: CIMAREX ENERGY CO. [215099] 202 S. Cheyenne Ave. Tulsa, OK 74103		API Number: 30-015-44694
		Well: CRAWFORD 27 26 FEE #002H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 247729

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: CIMAREX ENERGY CO. [215099] 202 S. Cheyenne Ave. Tulsa, OK 74103		API Number: 30-015-44694
		Well: CRAWFORD 27 26 FEE #002H
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	