

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

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 213269

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

1. Operator Name and Address CIMAREX ENERGY CO. 600 N MARIENFELD STREET MIDLAND, TX 79701		2. OGRID Number 215099
4. Property Code 313630		3. API Number 30-015-43500
5. Property Name JAKE 36 STATE		6. Well No. 005

7. Surface Location

UL - Lot	M	Section	36	Township	24S	Range	26E	Lot Idn	Feet From	330	N/S Line	S	Feet From	860	E/W Line	W	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	D	Section	36	Township	24S	Range	26E	Lot Idn	D	Feet From	330	N/S Line	N	Feet From	660	E/W Line	W	County	Eddy
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9. Pool Information

WILDCAT;BONE SPRING	96403
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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 3367
16. Multiple N	17. Proposed Depth 1677	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 4/1/2016
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	450	312	0
Int1	12.25	9.625	36	1950	482	0
Prod	8.75	5.5	17	11677	1724	1750

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	2000	Cameron
Annular	3000	3000	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 Genea A Holloway Title: Prod Admin Supervisor Email Address: gholloway@cimarex.com Date: 12/15/2015	Approved By: Randy Dade Title: District Supervisor Approved Date: 12/17/2015 Conditions of Approval Attached
Phone: 918-295-1658	Expiration Date: 12/17/2017

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District IV
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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 30-015		² Pool Code 96403		³ Pool Name Wildcat; Bone Spring					
⁴ Property Code 313630		⁵ Property Name JAKE 38 STATE						⁶ Well Number 5	
⁷ GRID NO. 215099		⁸ Operator Name CIMAREX ENERGY COMPANY						⁹ Elevation 3367'	
¹⁰ Surface Location									
UL or lot no. M	Section 36	Township 24S	Range 26E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet From the 860	East/West line WEST	County EDDY
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. D	Section 36	Township 24S	Range 26E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 860	East/West line WEST	County EDDY
¹² Dedicated Acres		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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.

	GEODETIC DATA NAD 83 GRID — NM EAST SURFACE LOCATION N 424607.6 — E 566401.1 LAT: 32.16729852° N LONG: 104.25233235° W BOTTOM HOLE LOCATION N 429223.8 — E 566197.4 LAT: 32.17998856° N LONG: 104.25297951° W	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 this division. Date: 11/24/15 Printed Name: Aricka Easterling E-mail Address: aeasterling@cimarex.com
	CORNER DATA NAD 83 GRID — NM EAST A: FOUND BRASS CAP "1940" N 424284.3 — E 565541.3 B: FOUND BRASS CAP "1968" N 426917.4 — E 565539.2 C: FOUND BRASS CAP "1968" N 429555.3 — E 565537.4 D: FOUND BRASS CAP "1968" N 429549.0 — E 568185.1 E: FOUND BRASS CAP "1940" N 429543.0 — E 570833.0 F: FOUND BRASS CAP "1940" N 426895.4 — E 570833.6 G: FOUND BRASS CAP "1940" N 424249.0 — E 570831.5 H: FOUND BRASS CAP "1940" N 424263.7 — E 568185.2	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. Date of Survey: 8/5/2014 Signature and Seal of Professional Surveyor:
	REVISED 24 NOV 2015 — BH	
	RRC — Firm No.: TX 10193838 NM 4655451 — Job No.: LS140337	

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Form APD Comments

Permit 213269

PERMIT COMMENTS

Operator Name and Address: CIMAREX ENERGY CO. [215099] 600 N MARIENFELD STREET MIDLAND , TX 79701	API Number: 30-015-43500
	Well: JAKE 36 STATE #005

Created By	Comment	Comment Date
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Form APD Conditions

Permit 213269

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: CIMAREX ENERGY CO. [215099] 600 N MARIENFELD STREET MIDLAND , TX 79701	API Number: 30-015-43500
	Well: JAKE 36 STATE #005

OCD Reviewer	Condition
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