

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 191539

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 30-015-42614
5. Property Name Jake 36 State		6. Well No. 007H

7. Surface Location

UL - Lot	O	Section	36	Township	24S	Range	26E	Lot Idn	Feet From	330	N/S Line	S	Feet From	1725	E/W Line	E	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	B	Section	36	Township	24S	Range	26E	Lot Idn	B	Feet From	330	N/S Line	N	Feet From	1725	E/W Line	E	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 OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3385
16. Multiple N	17. Proposed Depth 11618	18. Formation Bone Spring	19. Contractor	20. Spud Date 9/22/2014
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	460	292	0
Int1	12.25	9.625	36	2066	496	0
Prod	8.75	5.5	17	11618	1736	1866

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	2000	Cameron
Double Ram	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 GENE A HOLLOWAY Title: Prod Admin Supervisor Email Address: gholloway@cimarex.com Date: 8/27/2014	Approved By: Randy Dade Title: District Supervisor Approved Date: 8/28/2014 Expiration Date: 8/28/2016 Conditions of Approval Attached

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
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DISTRICT II
611 S. First St., Artesia, NM 88210
Phone (575) 746-1263 Fax: (575) 746-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 394-6176 Fax: (505) 394-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015	Pool Code	Pool Name Wildcat; Bone Spring
Property Code	Property Name Jake 36 State	Well Number 7H
OGRID No. 215099	Operator Name CIMAREX ENERGY COMPANY	Elevation 3385

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
0	36	24 S	26 E		330	SOUTH	1725	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
B	36	24 S	26 E		330	NORTH	1725	EAST	EDDY
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

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

N: 429562.0 E: 685632.4 (NAD83)	BOTTOM HOLE LOCATION Lat - N 32°10'47.90" Long - W 104°14'36.85" NMSPC- N 429219.6 E 569108.6 (NAD-83)	N: 429552.8 E: 568183.0 (NAD83)	330' B.H.	1725'	N: 428543.5 E: 570833.5 (NAD83)	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. <i>Aricka Easterling</i> Signature Date 8/27/14 Aricka Easterling Printed Name aeasterling@cimarex.com Email Address
N: 424284.6 E: 569541.6 (NAD83)	SURFACE LOCATION Lat - N 32°10'02.07" Long - W 104°14'36.91" NMSPC- N 424588.9 E 569107.5 (NAD-83)		330' S.L.	1725'	N: 424249.4 E: 570831.7 (NAD83)	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. APR 10 7 2014 Date Surveyed Signature & Seal of Professional Surveyor Certificate No. Gary Landres 7977 Scale: 0' 1000' 2000' 3000' 4000' SCALE: 1" = 1000' WO Num.: 30323

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1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Comments

Permit 191539

PERMIT COMMENTS

Operator Name and Address: CIMAREX ENERGY CO. [215099] 600 N MARIENFELD STREET MIDLAND , TX 79701		API Number: 30-015-42614
		Well: Jake 36 State #007H
Created By	Comment	Comment Date
CSHAPARD	Land s/S	8/27/2014

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Form APD Conditions

Permit 191539

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: CIMAREX ENERGY CO. [215099] 600 N MARIENFELD STREET MIDLAND , TX 79701		API Number: 30-015-42614
		Well: Jake 36 State #007H
OCD Reviewer	Condition	
CSHAPARD	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	