

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 152097

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
		3. API Number 30-025-40750
4. Property Code 39346	5. Property Name LYNCH 35	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
B	35	20S	34E	B	363	N	1650	E	LEA

8. Pool Information

BERRY;BONE SPRING, NORTH	5535
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3736
14. Multiple N	15. Proposed Depth 15641	16. Formation Bone Spring	17. Contractor	18. Spud Date 8/16/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	20	16	84	1700	1550	0
Int1	14.75	11.75	54	3500	1200	0
Int2	10.625	8.625	32	5750	1120	0
Prod	7.875	5.5	17	15641	1570	3775

Casing/Cement Program: Additional Comments

After setting surface casing and interm. casing, drill 7-7/8 to KOP @ 10773 & KO drilling 7-7/8 lateral to TD @ 15641 MD, 11300 TVD. Run 5-1/2 casing from 0-TD & cement.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameron

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ , a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ . Printed Name: Electronically filed by GENE A HOLLOWAY Title: Email Address: gholloway@cimarex.com Date: 7/23/2012	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 9/12/2012	Expiration Date: 9/12/2014
	Conditions of Approval Attached	

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Phone (505) 478-3400 Fax: (505) 478-3482

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name <i>Wildcat; Bone Spring</i>
Property Code	37580	Property Name LYNCH 35
OGRID No. 215099	Operator Name CIMAREX ENERGY CO.	Well Number 2
		Elevation 3736'

Surface Location

UL or lot No. B	Section 35	Township 20 S	Range 34 E	Lot Idn	Feet from the 363	North/South line NORTH	Feet from the 1650	East/West line EAST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot No. O	Section 35	Township 20 S	Range 34 E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 1980	East/West line EAST	County LEA
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Dedicated Acres 160	Joint or Infill	Consolidation Code	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

SURFACE LOCATION Lat - N 32°32'09.05" Long - W 103°31'39.66" NMSPC- N 559610.3 E 789619.3 (NAD-83)	PROPOSED BOTTOM HOLE LOCATION Lat - N 32°31'23.69" Long - W 103°31'43.53" NMSPC- N 555023.8 E 789323.0 (NAD-83)	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>Adela Molina</i> 7/16/12 Signature Date Adela Molina Printed Name amolina@cimarex.com Email 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. Date Surveyed Signature & Seal of Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS 26456
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Permit Comments

Operator: CIMAREX ENERGY CO. , 215099

Well: LYNCH 35 #002H

API: 30-025-40750

Created By	Comment	Comment Date
pkautz	Land p/P	7/17/2012
pkautz	Rejected Salt Protection string does not conform to requirements of R-111-P. Salt protection string is to be set 100-600' below base of salt.	7/17/2012
CHERRERA	OCD RECIEVED FORM C 144 CLEZ. OCD PERMIT # P1-04947	7/18/2012
pkautz	Rejected at operators request	7/20/2012
CHERRERA		9/12/2012
CHERRERA	OCD RECEIVED FORM C144 CLEZ. OCD PERMIT # P1-05163	9/12/2012

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. , 215099

Well: LYNCH 35 #002H

API: 30-025-40750

OCD Reviewer	Condition
pkautz	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