

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 152294

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 30-025-40694
4. Property Code 39359	5. Property Name CHIEF 30 STATE	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
L	30	20S	35E	3	1880	S	300	W	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 3746
14. Multiple N	15. Proposed Depth 15114	16. Formation 2nd Bone Spring Sand	17. Contractor	18. Spud Date 8/19/2012
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	17.5	13.375	54.5	1925	1500	0
Int1	12.25	9.625	36	5450	1500	0
Prod	7.875	5.5	17	15114	1500	3500

Casing/Cement Program: Additional Comments

After setting surface and intermediate csqs, drill 7-7/8 hole to KOP @ 10174' and KO drilling 7-7/8 lateral to TD 15114 MD, 11000 TVD. Run 5-1/2 casing from 0-15114' & cement.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	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: 7/19/2012	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 7/20/2012	Expiration Date: 7/20/2014
	Phone: 918-295-1658 Conditions of Approval Attached	

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1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3462

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 5535	Pool Name Berry; Bone Spring North
Property Code	Property Name CHIEF 30 STATE	Well Number 2H
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. of Colorado	Elevation 3746'

Surface Location

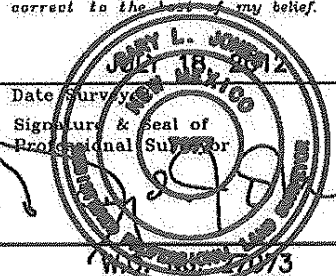
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	30	20 S	35 E		1880	SOUTH	300	WEST	LEA

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
I	30	20 S	35 E		1980	SOUTH	330	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
160.12			

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°32'31.28" Long - W 103°30'15.11" NMSPCE- N 561912.9 E 796839.4 (NAD-83)		PROPOSED BOTTOM HOLE LOCATION Lat - N 32°32'32.29" Long - W 103°29'20.78" NMSPCE- N 562051.6 E 801489.7 (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.  Signature Date 7/19/12 Printed Name Adela Molina Email Address amolina@cimarex.com 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 7/18/2012 Signature & Seal of Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS	
300' S.L. 1880'		1653.19' B.H. 330' 1980'			

Permit Comments

Operator: CIMAREX ENERGY CO. , 215099

Well: CHIEF 30 STATE #002H

API: 30-025-40694

Created By	Comment	Comment Date
pkautz	Land p/S	7/20/2012
CHERRERA	OCD RECIEVED FORM C144 CLEZ. OCD PERMIT #P1-04966	7/20/2012

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. , 215099

Well: CHIEF 30 STATE #002H

API: 30-025-40694

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