

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 158592

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

1. Operator Name and Address CIMAREX ENERGY CO. OF COLORADO 600 N. Marienfeld St Midland, TX 79701		2. OGRID Number 162683
		3. API Number 30-025-40872
4. Property Code 39025	5. Property Name CHIEF 30 STATE	6. Well No. 003

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	30	20S	35E	2	1980	N	320	W	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	30	20S	35E	H	2310	N	330	E	Lea

9. Pool Information

BERRY;BONE SPRING, NORTH	5535
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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 3707
16. Multiple N	17. Proposed Depth	18. Formation Bone Spring	19. Contractor	20. Spud Date 1/15/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

21. 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	40	5750	1500	0
Prod	8.75	5.5	17	15105	1500	4750

Casing/Cement Program: Additional Comments

After setting surf & int csqs drill 8-3/4" hole to KOP @ 10174' and KO lateral to TD 15105' MD/ 11000' TVD. Run 5-1/2" csg & cmt.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature: Printed Name: Electronically filed by TERRI STATHEM Title: Email Address: tstathe@cimarex.com Date: 11/29/2012 Phone: 918-295-1763	OIL CONSERVATION DIVISION Approved By: ELIDIO GONZALES Title: HOBBS STAFF MANAGER Approved Date: 11/29/2012 Expiration Date: 11/29/2014
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 1825 N. French Dr., Hobbs, NM 88240
 Phone (505) 393-6161 Fax: (505) 393-0720

DISTRICT II
 811 S. First St., Artesia, NM 80210
 Phone (505) 748-1833 Fax: (505) 748-9720

DISTRICT III
 1000 Rio Brazos Rd., Anton, NM 87410
 Phone (505) 834-4176 Fax: (505) 834-8170

DISTRICT IV
 1220 S. St. Francis Dr., Santa Fe, NM 87605
 Phone (505) 478-3460 Fax: (505) 478-3462

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	Pool Name
	5535	Berry; Bone Spring North
Property Code	Property Name	Well Number
39025	CHIEF 30 STATE	3
OGRID No.	Operator Name	Elevation
162683	CIMAREX ENERGY CO. Of Colorado	3707

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	30	20 S	35 E		1980	NORTH	320	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
H	30	20 S	35 E		2310	NORTH	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

	<p>N 565310.87 E 796509.31</p> <p>SURFACE LOCATION Lat - N 32°32'45.34" Long - W 103°30'14.90" NAD83 - N 563334.2 E 796846.8 (NAD-83)</p>	<p>N 565334.51 E 799154.58</p>	<p>N 565361.07 E 801792.98</p>	<p>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 completion/pooling order previously entered by the division.</p> <p><i>[Signature]</i> 11/27/12 Signature: Terri Stathem Date: 11/27/12</p> <p>Printed Name: terstathem@cimarex.com</p> <p>Email Address:</p>
	<p>N 562668.05 E 796532.76</p>	<p>N 562718.48 E 801814.18</p>	<p>PROPOSED BOTTOM HOLE LOCATION Lat - N 32°32'42.15" Long - W 103°29'20.78" NAD83 - N 563048.3 E 801481.6 (NAD-83)</p>	<p>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.</p> <p>NOVEMBER 14 2012 Date Surveyed</p> <p><i>[Signature]</i> Signature of Professional Surveyor</p> <p>7977 Certificate No. Jones</p> <p>BASIN SURVEYS</p>
	<p>N 560030.76 E 796556.17</p>	<p>N 560051.56 E 799200.88</p>	<p>N 560074.99 E 801835.55</p>	

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: CHIEF 30 STATE #003

API: 30-025-40872

Created By	Comment	Comment Date
CHERRERA	OCD RECEIVED FORM C144 CLEZ. OCD PERMIT # P1-05474	11/29/2012