

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 138213

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 30-025-40355
4. Property Code 38859	5. Property Name WHITHERSPOON 21 STATE COM	6. Well No. 003H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	21	21S	33E	B	330	N	1650	E	LEA

8. Pool Information

WILDCAT;BONE SPRING	96403
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3679
14. Multiple N	15. Proposed Depth 14172	16. Formation Bone Spring	17. Contractor	18. Spud Date 11/1/2011
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	48	1725	1455	0
Int1	12.25	9.625	40	5200	1585	0
Prod	8.75	5.5	17	14172	3125	0

Casing/Cement Program: Additional Comments

After setting surface and intermediate casing, drill 8.75" hole to KOP 9400' and kickoff and drill 8.75" lateral to TD 9675' TVD, 14172' MD. Run 5.5" casing from 0-TD and cement.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameran

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 <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Zeno Farris	Approved By: Paul Kautz
Title: Manager Operations Administration	Title: Geologist
Email Address: zfarris@cimarex.com	Approved Date: 12/7/2011 Expiration Date: 12/7/2013
Date: 10/4/2011 Phone: 432-620-1936	Conditions of Approval Attached

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Form C-102
August 1, 2011
Permit 138213

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40355	2. Pool Code 96403	3. Pool Name WILDCAT;BONE SPRING
4. Property Code 38859	5. Property Name WHITHERSPOON 21 STATE COM	6. Well No. 003H
7. OGRID No. 162683	8. Operator Name CIMAREX ENERGY CO. OF COLORADO	9. Elevation 3679

10. Surface Location

UL - Lot B	Section 21	Township 21S	Range 33E	Lot Idn	Feet From 330	N/S Line N	Feet From 1650	E/W Line E	County LEA
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11. Bottom Hole Location If Different From Surface

11. Bottom Hole Location If Different From Surface									
UL - Lot O	Section 21	Township 21S	Range 33E	Lot Idn O	Feet From 330	N/S Line S	Feet From 1650	E/W Line E	County LEA
12. Dedicated Acres 160.00		13. Joint or Infill		14. Consolidation Code Consolidation Pending		15. 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

<table border="1" style="width: 100%; height: 150px;"> <tr><td></td><td></td><td style="background-color: #cccccc;"></td><td></td></tr> <tr><td></td><td></td><td style="background-color: #cccccc;"></td><td></td></tr> <tr><td></td><td></td><td style="background-color: #cccccc;"></td><td></td></tr> <tr><td></td><td></td><td style="background-color: #cccccc;"></td><td></td></tr> </table>																	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <p><i>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(s) 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></p> <p>E-Signed By: Zeno Farris Title: Manager Operations Administration Date: 10/4/2011</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>Surveyed By: Gary Jones Date of Survey: 9/1/2011 Certificate Number: 7977</p>

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: WHITHERSPOON 21 STATE COM #003H

API: 30-025-40355

Created By	Comment	Comment Date
ZFARRIS	Location is outside the LMR and outside the Buffer. No potash leases in area.	10/4/2011
ZFARRIS	BOP diagram and prelim directional will be e-mailed to Donna Mull.	10/4/2011
ZFARRIS	C-144 CLEZ will be e-mailed to Donna Mull	10/4/2011
DMULL	S/S Surface/Minerals	10/6/2011
DMULL	Location is in the Potash Area. Sent response letter to BLM & SLO.	10/6/2011
DMULL	Response letters from BLM & SLO have been received. BLM & SLO state No LMR & Buffer Zone.	12/7/2011
DMULL	OCD Hobbs office has received form C-144CLEZ. OCD Permit Number P1-03972.	12/7/2011

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: WHITHERSPOON 21 STATE COM #003H

API: 30-025-40355

OCD Reviewer	Condition
DMULL	OCD requires C-102 showing Potash Lessee or letter from Lessees.
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