

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-6161 Fax:(505) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 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 137204

**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 30-025-40308
4. Property Code 38816	5. Property Name ADAMS 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
J	6	21S	33E	J	2310	S	1980	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 3799
14. Multiple N	15. Proposed Depth 18636	16. Formation Bone Spring	17. Contractor	18. Spud Date 10/15/2011
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	1500	1455	0
Surf	17.5	13.375	48	1500	1455	0
Int1	12.25	9.625	40	4800	1585	0
Int1	12.25	9.625	40	4800	1585	0
Prod	8.75	5.5	17	18636	3125	0
Prod	8.75	5.5	17	18636	3125	0

**Casing/Cement Program: Additional Comments**

After setting surface and intermediate casing, drill 8.75" hole to KOP 11213' and kickoff and drill 8.75" lateral to TD 11700' TD, 18636' ND. 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"/> .	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 10/6/2011	Expiration Date: 10/6/2013
	Email Address: zfarris@cimarex.com	
Date: 9/19/2011	Phone: 432-620-1936	Conditions of Approval Attached

DISTRICT I  
1025 N. French Dr., Hobbs, NM 88240  
DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised July 16, 2010

Submit one copy to appropriate  
District Office

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name Teas; Bone Spring, Wildcat
Property Code	Property Name ADAMS STATE COM	Well Number 3H
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3799'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	6	21 S	33 E		2310	SOUTH	1980	EAST	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
O	7	21 S	33 E		330	SOUTH	1980	EAST	LEA

Dedicated Acres 240	Joint or Infill	Consolidation Code Pending	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**  
Lot - N 32°30'25.25"  
Long - W 103°36'34.61"  
NMSPC- N 548939.9  
E 764441.2  
(NAD-83)

**PROPOSED BOTTOM HOLE LOCATION**  
Lot - N 32°29'13.45"  
Long - W 103°36'34.54"  
NMSPC- N 541683.5  
E 764496.4  
(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.  
*Zeno Farris* 9-19-11  
Signature \_\_\_\_\_ Date \_\_\_\_\_  
Printed Name Zeno Farris  
Email Address Zfarris@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.  
SEPTEMBER 11, 2011  
Date Surveyed \_\_\_\_\_  
Signature & Seal of Professional Surveyor \_\_\_\_\_  
Certificate No. Gary L. Jones 7977  
BASIN SURVEYS 25203

## Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: ADAMS STATE COM #003H

API: 30-025-40308

Created By	Comment	Comment Date
ZFARRIS	Well is located outside the LMR and outside the buffer. There are no potash leases in the area.	9/19/2011
ZFARRIS	BOP diagram will be sent to Donna Mull	9/19/2011
ZFARRIS	C 144 CLEZ will be e-mailed to Donna Mull	9/19/2011
ZFARRIS	Prelim directional survey will be e-mailed to Donna Mull	9/19/2011
DMULL	Location S/S	9/20/2011
DMULL	Location is in the Potash	9/20/2011
DMULL	OCD Hobbs office has received form C-144CLEZ. OCD Permit Number P1-03786.	10/6/2011
DMULL	OCD Hobbs office has received from the BLM & SLO ther Potash Response. Response was not in Potash.	10/6/2011

## Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: ADAMS STATE COM #003H

API: 30-025-40308

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