

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

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

1. Operator Name and Address CIMAREX ENERGY CO. 15 EAST 5TH STREET TULSA, OK 74103		2. OGRID Number 215099
4. Property Code 35958		3. API Number 30-025-38086
5. Property Name STATE GA		6. Well No. 008

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	16	15S	36E	E	1650	N	660	W	LEA

8. Pool Information

CAUDILL;MISSISSIPPIAN (GAS)	74450
CAUDILL;PERMO UPPER PENN	10830

Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3911
14. Multiple Y	15. Proposed Depth	16. Formation Morrow	17. Contractor	18. Spud Date 2/15/2007
Depth to Ground water 60		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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	600	600	0
Int1	12.25	9.625	40	4750	1900	0
Prod	8.75	5.5	17	12800	2500	4000

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	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 <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OGD-approved plan <input type="checkbox"/> .	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Sharon LaValley	Approved By: Paul Kautz
Title: Manager	Title: Geologist
Email Address: slavalley@cimarex.com	Approved Date: 8/22/2006 Expiration Date: 8/22/2007
Date: 8/22/2006 Phone: 918-295-1673	Conditions of Approval Attached

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(505) 393-6161 Fax:(505) 393-0720

District II
 1301 W. Grand Ave., 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

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Form C-102
 Permit 36624

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-38086	2. Pool Code 74450	3. Pool Name CAUDILL,MISSISSIPPIAN (GAS)
4. Property Code 35958	5. Property Name STATE GA	6. Well No. 008
7. OGRID No. 215099	8. Operator Name CIMAREX ENERGY CO.	9. Elevation 3911

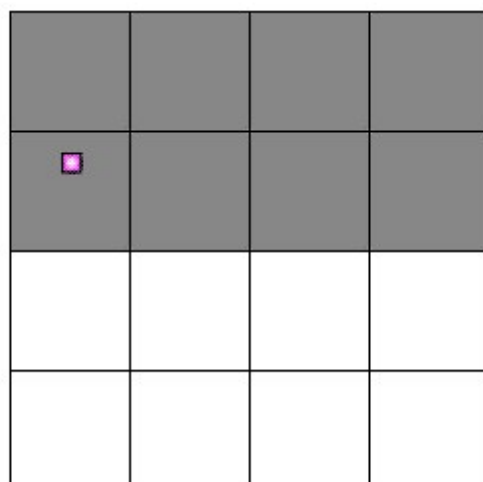
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	16	15S	36E		1650	N	660	W	LEA

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00		13. Joint or Infill		14. Consolidation Code		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



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(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.

E-Signed By: Sharon LaValley
 Title: Manager
 Date: 8/22/2006

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.

Surveyed By: Gary Jones
 Date of Survey: 8/17/2006
 Certificate Number: 7977

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Form C-102
 Permit 36624

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-38086	2. Pool Code 10830	3. Pool Name CAUDILL,PERMO UPPER PENN
4. Property Code 35958	5. Property Name STATE GA	6. Well No. 008
7. OGRID No. 215099	8. Operator Name CIMAREX ENERGY CO.	9. Elevation 3911

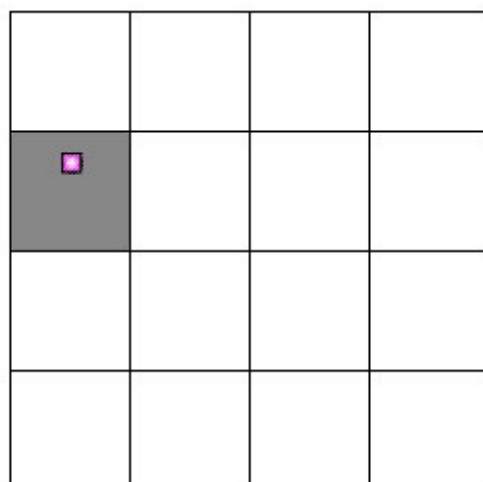
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 Date of Survey: 8/17/2006
 Certificate Number: 7977

Permit Comments

Operator: CIMAREX ENERGY CO. , 215099

Well: STATE GA #008

API: 30-025-38086

Created By	Comment	Comment Date
ZFARRIS1	C-144 to be e-mailed to Donna Mull.	8/22/2006
ZFARRIS1	Gas samples of our recent drills in the area showed 0 ppm H2S gas and H2S was not encountered during drilling. Based on this sampling this area does not meet the States minimum requirements for an H2S contingency plan.	8/22/2006

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. , 215099

Well: STATE GA #008

API: 30-025-38086

OCD Reviewer	Condition
DMULL	Will require DHC administrative order for downhole commingling before multiple zones can be produced by commingling in the wellbore.
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines