

**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
		3. API Number 30-025-37975
4. Property Code 35793	5. Property Name CAUDILL WEST 17 FEE	6. Well No. 001

**7. Surface Location**

UL - Lot A	Section 17	Township 15S	Range 36E	Lot Idn A	Feet From 880	N/S Line N	Feet From 660	E/W Line E	County LEA
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**8. Pool Information**

AUSTIN,MORROW, SOUTHWEST (GAS)	96664
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**Additional Well Information**

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3916
14. Multiple N	15. Proposed Depth	16. Formation Morrow	17. Contractor	18. Spud Date 9/25/2006
Depth to Ground water 76		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	13250	2500	4000

**Casing/Cement Program: Additional Comments**

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**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. <b>I further certify that the drilling pit will be constructed according to NMOCD guidelines</b> <input type="checkbox"/> a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Sharon LaValley Title: Manager Email Address: slavalley@cimarex.com Date: 6/26/2006      Phone: 918-295-1673	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 6/27/2006      Expiration Date: 6/27/2007	
	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 33033

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-37975	2. Pool Code 96664	3. Pool Name AUSTIN;MORROW, SOUTHWEST (GAS)
4. Property Code 35793	5. Property Name CAUDILL WEST 17 FEE	6. Well No. 001
7. OGRID No. 215099	8. Operator Name CIMAREX ENERGY CO.	9. Elevation 3916

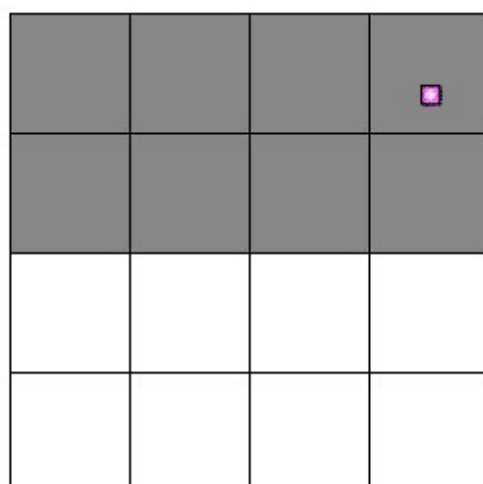
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	17	15S	36E		880	N	660	E	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: 6/26/2006

**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: 6/13/2006  
 Certificate Number: 7977

## Permit Comments

Operator: CIMAREX ENERGY CO. , 215099

Well: CAUDILL WEST 17 FEE #001

API: 30-025-37975

Created By	Comment	Comment Date
ZFARRIS1	C-144 emailed to Donna Mull.	6/26/2006
ZFARRIS1	Cimarex Energy Co. does not anticipate that there will be enough H2S from the surface to the Morrow/Atoka formations to meet the OCD's minimum requirements for the submission of an H2S contingency plan.	6/26/2006

# Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. , 215099

Well: CAUDILL WEST 17 FEE #001

API: 30-025-37975

OCD Reviewer	Condition
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, D.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines