

Submit To Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
District I  
1625 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

Form C-105  
Revised June 10, 2003

WELL API NO.  
30-025-38560

5. Indicate Type of Lease  
STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_  
b. Type of Completion:  
NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.  
WELL OVER BACK RESVR. ☐ OTHER

7. Lease Name or Unit Agreement Name

Pennzoil B 36 State

2. Name of Operator  
Cimarex Energy Co. of Colorado (162683)

8. Well No.  
005

3. Address of Operator  
PO Box 140907; Irving, TX 75014-0907

9. Pool name or Wildcat  
Apache Ridge; Bone Spring

4. Well Location  
SHL: Unit Letter P : 660 Feet From The South Line and 660 Feet From The East Line  
Section 36 Township 19S Range 33E NMPM County Lea

10. Date Spudded 12-15-07	11. Date T.D. Reached 01-10-08	12. Date Compl. (Ready to Prod) 02-22-08	13. Elevations (DF& RKB, RT, GR, etc.) 3604' GR	14. Elev. Casinghead
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15. Total Depth 10405'	16. Plug Back T.D. 10303'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary	19. Rotary Tools Cable Tools
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19. Producing Interval(s), of this completion - Top, Bottom, Name  
Apache Ridge; Bone Spring 9169'-TD

20. Was Directional Survey Made  
No

21. Type Electric and Other Logs Run  
Porosity, Density, CBL

22. Was Well Cored  
No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/4	48	1524'	17 1/2	1150 sx, circ 356 sx	
8 3/4	32	3194'	11	1160 sx, circ 280 sx	cmt lost circ zone 3220'-4704' w/ 1550 sx
5 1/2	17	10405'	7 7/8	1400 sx, circ 4 sx, TOC 550'	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8	9358'	

26. Perforation record (interval, size, and number) 9560'-9604' 3 spf 132 holes 9480'-9534' 3 spf 120 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.						
	DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED				
	9560'-9604'		143950# Sand: 55808 gal pHaserfrac carrying 93420# 20/40 ceramic sand & 50530# Super LC 16/30 Sand				
	9480'-9534'		2500 gal 15% HCl Ferchek w/ 70 1.3 Gr. balls				

28. PRODUCTION							
Date First Production 02-22-08		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2 1/2" x 1 1/2" x 24' RHBM rod pump				Well Status (Prod or Shut-in) Producing	
Date of Test 02-26-08	Hours Tested 24	Choke Size open	Prod'n For Test Period	Oil - Bbl 134	Gas - MCF 159	Water - Bbl. 114	Gas - Oil Ratio 1187
Flow Tubing Press. 310	Casing Pressure 130	Calculated 24 Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 37.5	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold

Test Witnessed By

30. List Attachments  
C-102, Deviation Report

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

Signature Natalie Krueger Printed Name Natalie Krueger Title \_\_\_\_\_ Reg Analyst \_\_\_\_\_ Date 5/9/2008  
E-mail Address nkrueger@cimarex.com

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico	
T. Anhy	T. Canyon		T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn		T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka		T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss		T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian		T. Menefee	T. Madison
T. Queen	T. Silurian		T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya		T. Mancos	T. McCracken
T. San Andres	T. Simpson		T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee		B. Greenhorn	T. Granite
T. Paddock	T. Ellenburger		T. Dakota	T.
T. Blinebry	T. Gr. Wash		T. Morrison	T.
T. Tubb	T. Delaware		T.Todilto	T.
T. Drinkard	T. Bone Spring	9169'	T. Entrada	T.
T. Abo Shale	T. FBSS	9368'	T. Wingate	T.
T. Wolfcamp	T. SBSC	9664'	T. Chinle	T.
T. Penn	T. SBSS	9886'	T. Permian	T.
T. Cisco (Bough C)	T. TBSC	10336'	T. Penn "A"	T.

## OIL OR GAS SANDS OR ZONES

No. 3, from.....to.....

No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology