

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S St Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-015-35815 5. Indicate Type of Lease STATE ☐ FEE ☒ State Oil & Gas Lease No.
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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 White City Federal 10 Com								
2. Name of Operator Cimarex Energy Co. of Colorado (162683)			8. Well No. 002								
3. Address of Operator PO Box 140907; Irving, TX 75014-0907			9. Pool name or Wildcat White City; Penn (Gas)								
4. Well Location SHL: Unit Letter <u>D</u> : <u>660</u> Feet From The <u>North</u> Line and <u>660</u> Feet From The <u>West</u> Line Section <u>10</u> Township <u>25S</u> Range <u>26E</u> NMPM County <u>Eddy</u>											
10. Date Spudded 11-26-07	11. Date T.D. Reached 01-01-08	12. Date Compl. (Ready to Prod.) 03-08-08	13. Elevations (DF& RKB, RT, GR, etc.) 3305' GR	14. Elev. Casinghead							
15. Total Depth 12200'	16. Plug Back T.D. 12142'	17. If Multiple Compl. How Many Zones? 3	18. Intervals Drilled By Rotary	19. Producing Interval(s), of this completion - Top, Bottom, Name White City; Penn (Gas) 11466'-11780'							
20. Was Directional Survey Made No			21. Type Electric and Other Logs Run Porosity, Density, CBL								
22. 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	351'	17 1/2"	490 sx, circ 82 sx							
9 5/8"	40	2635'	12 1/4"	950 sx, circ 105 sx							
4 1/2"	11.6	12200'	7 7/8"	1465 sx, TOC CBL 1376'	DV tool @ 7990'						
23. LINER RECORD											
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN							
24. TUBING RECORD											
SIZE	DEPTH SET	PACKER SET									
2 3/4"	11568'										
25. Perforation record (interval, size, and number) 11687'-11780' 6 spf 91 holes 11466'-11474' 6 jspf 48 holes											
26. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:30%;">DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>11687'-11780'</td> <td>61K gal 65Q 35# Water Frac CMHPG carrying 53K# Versaprop</td> </tr> <tr> <td>11466'-11474'</td> <td>21565 gal 65Q 35# Water Frac CMHPG carrying 32900# Versaprop</td> </tr> </table>						DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	11687'-11780'	61K gal 65Q 35# Water Frac CMHPG carrying 53K# Versaprop	11466'-11474'	21565 gal 65Q 35# Water Frac CMHPG carrying 32900# Versaprop
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED										
11687'-11780'	61K gal 65Q 35# Water Frac CMHPG carrying 53K# Versaprop										
11466'-11474'	21565 gal 65Q 35# Water Frac CMHPG carrying 32900# Versaprop										
27. PRODUCTION											
28. Date First Production 03-08-08		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		Well Status (Prod. or Shut-in) Producing							
Date of Test 03-25-08	Hours Tested 24	Choke Size 24/64	Prod'n For Test Period	Oil - Bbl 0	Gas - MCF 601						
Water - Bbl. 55	Gas - Oil Ratio NA										
Flow Tubing Press. 510	Casing Pressure 1000	Calculated 24 Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.						
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold											
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 <u>Natalie Krueger</u> Printed Name <u>Natalie Krueger</u> Title _____ Reg Analyst _____ Date <u>5/16/2008</u> E-mail Address <u>nkrueger@cimarex.com</u>											

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. Abo Shale		
T. Salt			T. Wolfcamp	8352	
B. Salt	1480		T. Penn		
T. Delaware	1806		T. Cisco (Bough C)	10094	
T. 7 Rivers			T. Canyon		
T. Queen			T. Strawn	10403'	
T. Grayburg			T. Atoka	10616'	
T. San Andres			T. Miss		
T. Glorieta			T. Devonian		
T. Paddock			T. Silurian		
T. Blinebry			T. Montoya		
T. Tubb			T. Simpson		
T. Drinkard			T. McKee		
T. Bone Spring	5312		T. Ellenburger		
T. FBSS	6297		T. Gr. Wash		
T. SBSS	7614		T. Morrow	11199	
T. TBSS	8182				
			T. Ojo Alamo		T. Penn. "B"
			T. Kirtland-Fruitland		T. Penn. "C"
			T. Pictured Cliffs		T. Penn. "D"
			T. Cliff House		T. Leadville
			T. Menefee		T. Madison
			T. Point Lookout		T. Elbert
			T. Mancos		T. McCracken
			T. Gallup		T. Ignacio Otzte
			B. Greenhorn		T. Granite
			T. Dakota		T.
			T. Morrison		
			T.Todilto		
			T. Entrada		
			T. Wingate		
			T. Chinle		
			T. Permian		
			T. Penn "A"		

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

OPERATOR CIMAREX ENERGY CO.
WELL/LEASE WHITE CITY 10 FED. COM. 2
COUNTY EDDY

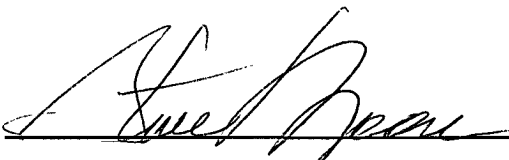
080-0057

STATE OF NEW MEXICO
DEVIATION REPORT

134	0.50	6,075	6.00	10,384	3.00
562	2.00	6,151	6.00	10,609	2.00
713	2.00	6,284	5.00	10,700	2.25
865	2.00	6,330	4.50	10,832	2.00
1,018	1.00	6,361	3.00	10,951	2.25
1,194	2.00	6,387	5.00	11,086	2.00
1,430	2.00	6,424	2.00	11,211	1.75
1,685	1.00	6,500	3.00	11,340	2.00
1,987	1.00	6,649	3.00	11,625	2.00
2,225	1.00	6,808	3.00	11,816	2.25
2,509	1.00	6,926	2.00	11,974	2.00
2,640	0.25	7,181	2.00	12,127	3.00
2,837	1.00	7,497	2.25		
3,097	2.00	7,661	3.25		
3,287	2.00	7,808	3.00		
3,550	0.00	7,883	3.00		
4,077	2.00	8,010	2.00		
4,378	7.00	8,266	2.50		
4,402	7.00	8,562	1.00		
4,480	6.00	8,550	1.00		
4,580	6.00	8,772	2.00		
4,707	6.00	9,015	1.50		
4,805	6.00	9,245	1.25		
4,895	6.00	9,499	1.50		
4,964	4.50	9,568	1.00		
5,122	4.50	9,656	3.00		
5,249	4.50	9,758	2.00		
5,376	4.00	9,846	3.25		
5,472	4.00	9,959	2.00		
5,662	3.75	9,941	2.25		
5,870	4.25	10,067	2.00		
5,916	4.25	10,193	1.75		

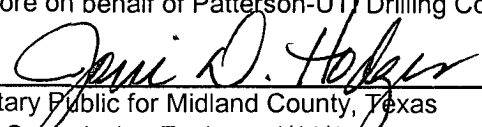
STATE OF TEXAS

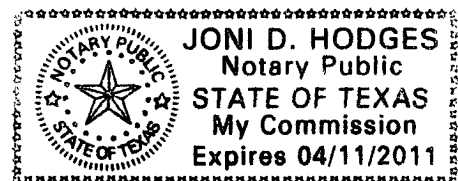
COUNTY OF MIDLAND

BY: 

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UT) Drilling Company LLC.

January 8, 2008, by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/11/11



DISTRICT I
1825 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 October 12, 2005

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35815	Pool Code 86280	Pool Name White City; Penn (Gas)
Property Code 36739	Property Name WHITE CITY FEDERAL 10 COM	Well Number 2
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3305'

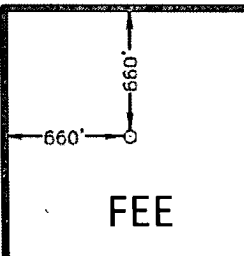
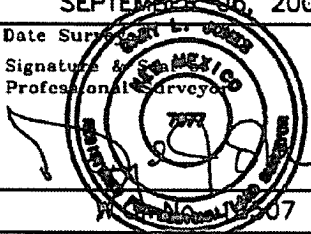
Surface Location

UL or lot No. D	Section 10	Township 25 S	Range 26 E	Lot Idn	Feet from the 660	North/South line NORTH	Feet from the 660	East/West line WEST	County EDDY
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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
Dedicated Acres 320	Joint or Infill	Consolidation Code C - NM-72042	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

 FEE	SURFACE LOCATION Lat - N32°08'59.86" Long - W104°17'14.38" NMSPEC - N 418292.153 E 555577.900 (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 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. <u>Zeno Farris</u> 05-16-08 Signature Date Zeno Farris Printed Name	
NM-19423				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 06, 2007 Date Surveyed  Signature & Seal Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS	