

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 88400 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		RECEIVED DEC 19 2007 HOBBSD		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. 30-025-39011	
						5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
						State Oil & Gas Lease No.	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							
1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						7. Lease Name or Unit Agreement Name Muddy Waters State Com (37247)	
b. Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. WELL OVER BACK RESVR. <input type="checkbox"/> OTHER _____							
2. Name of Operator Cimarex Energy Co. (215099)						8. Well No. 001	
3. Address of Operator PO Box 140907; Irving, TX 75014-0907						9. Pool name or Wildcat Morrow Wildcat Oil (97730)	
4. Well Location SHL: Unit Letter <u>1</u> : <u>660</u> Feet From The <u>South</u> Line and <u>2275</u> Feet From The <u>West</u> Line Section <u>1</u> Township <u>10S</u> Range <u>36E</u> NMPM County <u>Lea</u>							
10. Date Spudded 08-22-08	11. Date T.D. Reached 09-18-08	12. Date Compl. (Ready to Prod.) 10-24-08	13. Elevations (DF & RKB, RT, GR, etc.) 3995' GR		14. Elev. Casinghead		
15. Total Depth 12182'	16. Plug Back T.D. 12102'	17. If Multiple Compl. How Many Zones? _____	18. Intervals Drilled By Rotary	Rotary Tools Rotary		Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name Morrow 11988'-12044'						20. Was Directional Survey Made Yes	
21. Type Electric and Other Logs Run Porosity and Resistivity						22. Was Well Cored No	
23. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT LB / FT.		DEPTH SET		HOLE SIZE	
13 3/4"		48		432'		17 1/2"	
8 5/8"		32		4229'		11"	
5 1/2"		17		12146'		7 7/8"	
						1625 sx	
24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/4"	12044'	11094'
26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
11988'-12044' 4 spf 211 holes (TCP Guns)				DEPTH INTERVAL			
				AMOUNT AND KIND MATERIAL USED			
28. PRODUCTION							
Date First Production 10-24-08		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Prod	
Date of Test 11-24-08	Hours Tested 24	Choke Size open	Prod'n For Test Period	Oil - Bbl 160	Gas - MCF 127	Water - Bbl. 0	Gas - Oil Ratio 794
Flow Tubing Press. 150	Casing Pressure 0	Calculated 24 Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (<i>Corr.</i>) 55	
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold						Test Witnessed By	
30. List Attachments Deviation Report, C-102							
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 <u>Regulatory Analyst</u>		Date <u>12/18/2008</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. Ojo Alamo	T. Penn. "B"
T. Salt	T. Wolfcamp	9007'	T. Kirtland-Fruitland	T. Penn. "C"
T. Rustler	T. Wolfcamp B		T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Cisco		T. Cliff House	T. Leadville
T. 7 Rivers	T. Canyon		T. Menefee	T. Madison
T. Queen	T. Strawn	10679'	T. Point Lookout	T. Elbert
T. Grayburg	T. Atoka	11263'	T. Mancos	T. McCracken
T. San Andres	T. Miss	12043'	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. Devonian		B. Greenhorn	T. Granite
T. Paddock	T. Silurian		T. Dakota	T.
T. Blinebry	T. Montoya		T. Morrison	
T. Tubb	T. Simpson		T.Todilto	
T. Drinkard	T. McKee		T. Entrada	
T. Bone Spring	T. Ellenburger		T. Wingate	
T. FBSS	T. Gr. Wash		T. Chinle	
T. SBSS	T. Morrow	11449'	T. Permian	
T. TBSS			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

REFERENCE SHEET FOR
UNDESIGNATED WELLS

	Fm	Pm	N	Pc
07-11 E	XX	XX		XX

paragraph

1. Date: 12/23/2008	
2. Type of Well:	
Oil: XX	Gas:
3. County: LEA	

4. Operator		CIMAREX ENERGY CO		API NUMBER		30 - 025 - 39011	
5. Address of Operator		PO BOX 140907 IRVING, TX 75014-0907					
6. Lease name or Unit Agreement Name		MUDDY WATERS STATE COM				Well Number # - 1	
8. Well Location		Unit Letter: N 660 feet from the S line and 2275 feet from the W line Section 1 Township 10S Range 36E					

9. Completion Date		10/24/2008		11. Perfs		Top		Bottom		TD	
						11955		12044		12182	
10. Name of Producing Formation(s)		MORROW		12. Open Hole Casing shoe		Bottom		PBTD			
										12102	

13. C-123 Filed		Date		15. Name of Pool Requested or temporary Wildcat designation		Pool ID num	
Y		N XX		WILDCAT G-08 S103601N;MORROW		97730	
16. Remarks		NEW POOL					

TO BE COMPLETED BY DISTRICT GEOLOGIST					
17. Action taken		18. Pool Name		Pool ID num	
NEW POOL		CROSSROADS;MORROW, SOUTHEAST		97730	
T 10 S, R 36 E					
Sec 1: SW/4					

19. Advertised for HEARING		20. Case Number	
21. Name of pool for which was advertised		Pool ID num	
CROSSROADS;MORROW, SOUTHEAST		97730	
22. Placed in Pool		23. By order number	
		R-	