

Submit 3 Copies To
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Artesia, NM 88210
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

RECEIVED

DEC 19 2008

HOBBSOCD

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
May 27, 2004

WELL API NO. 30-025-39011
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Muddy Waters State Com
8. Well Number 001
9. OGRID Number 215099
10. Pool name or Wildcat Morrow Wildcat
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3995' GR

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator Cimarex Energy Co.	
3. Address of Operator PO Box 140907; Irving, TX 75014-0907	
4. Well Location Unit Letter <u>N</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>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3995' GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS ☐ P AND A ☐
CASING/CEMENT JOB ☒
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

08-22-08 Spudded 17½" hole.
08-23-08 Ran 13¾" 48# H-40 STC casing to 432.' Cemented with Lead 150 sx Halliburton Light Premium Plus + 1% CaCl₂ hi-test pellet + 0.125# Poly-e-flake and Tail 220 sx Premium Plus Class C + 2% CaCl₂ hi-test pellet. WOC 19.5 hours.
08-24-08 Pressure-tested surface casing to 1000 psi for 30 minutes.
08-29-08 In 11" hole, ran 8¾" 32# J-55 LTC casing to 4229.' Cemented with Lead 840 sx Interfill C + 0.125# Poly-e-flake (wt 11.9, yld 2.47) and Tail 200 sx Premium Plus + 1% CaCl₂ (wt 14.8, yld 1.34). Circulated 115 sx to surface. WOC 32.5 hours. Pressure-tested intermediate casing to 1000 psi for 30 minutes.
09-18-08 Reached TD of 7¾" hole (12182').
09-23-08 Ran 5½" 17# P-110 LTC casing to 12146.' Cemented with Lead 1025 sx Interfill H + 0.125# Poly-e-flake + 1% HR-7 (wt 11.5, yld 2.76).
09-24-08 Cemented with Tail 600 sx Super H (wt 13.2, yld 1.6). Released rig.
10-01-08 Pressure-tested production casing to 3000 psi for 30 minutes.
10-02-08 Ran CBL. TOC 3114.'

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Natalie Krueger TITLE Regulatory Analyst DATE December 18, 2008

Type or print name Natalie Krueger email address: nkruieger@cimarex.com Telephone No. 469-420-2723

For State Use Only

APPROVED BY: [Signature] TITLE PETROLEUM ENGINEER DATE DEC 29 2008

Conditions of Approval (if any):

OPERATOR
WELL/LEASE
COUNTY

CIMAREX ENERGY COMPANY

MUDDY WATER #ST. 1
LEA

075-0069

- N - (1-105-362
66015 + 2275/W
Com

STATE OF NEW MEXICO
DEVIATION REPORT

30-025-39011

307	0.50
370	0.75
894	1.25
1,484	1.25
2,024	1.25
2,532	1.00
2,948	0.75
3,518	1.00
3,911	0.75
4,499	0.75
5,008	1.00
5,453	0.50
5,898	0.50
6,345	1.00
6,885	0.75
7,647	1.00
8,173	1.00
8,471	1.00
8,916	1.00
9,328	0.50
9,744	0.50
10,472	0.75
10,934	0.75
11,174	0.75
11,732	0.75
12,050	0.75
12,182	0.75

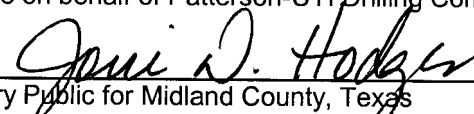
STATE OF TEXAS

COUNTY OF MIDLAND

BY: 

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

October 3, 2008 , by Steve


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

