

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB No 1004-0135  
Expires July 31, 1996

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

APR 20 2008

2. Name of Operator  
Cimarex Energy Co. of Colorado

OCD-ARTESIA

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

3b. Phone No. (include area code)  
972-401-3111

4. Location of Well (Footage, Sec, T, R., M., or Survey Description)  
10-17S-30E  
330' FSL & 1650' FEL

5. Lease Serial No.

NM-074937

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Hydrus 10 Federal No. 1

9. API Well No.

30-015-36233

10. Field and Pool, or Exploratory Area

Loco Hills; Glorieta-Yeso

11. County or Parish, State

Eddy County, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☒ Notice of Intent

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Subsequent Report

☒ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☐ Recomplete

☐ Other

☐ Final Abandonment Notice

☐ Convert to Injection

☐ Plug and Abandon

☐ Temporarily Abandon

☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, included estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the bond under which the work will be performed or provide the Bond No. on file with BLM/BIA Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Cimarex has changed casing plans and intermediate casing depth due to Rustler Anhydrite being deeper in this section as follows:

**Drill 14 3/4" hole to 450' and set 11 3/4" 42# H-40 ST&C casing (same as permitted).**

**Mud:** weight 8.4 - 8.8, viscosity 40 - 45, circulation loss NC, pH 9.0

**Cement:** 310 sx Class "C" + 2% CaCl<sub>2</sub> (S1) + 0.125 pps Polyflake (D130). Mixed at 14.8 ppg, yield 1.34 cuft/sx, 6.29 gal/sx fresh water.

**Drill 11" hole to 1350' and set 8 3/4" 24# J-55 ST&C casing (change in depth from 1100' to 1350').**

**Mud:** weight brine 9.9- 10.1, viscosity 28 - 32, circulation loss NC, pH 10.0

**Cement:** **Lead:** 100 sx 50:50 Poz: Class "C" + 5% Salt (D44) + 10% Gel (D20) + 1/4 pps Polyflake (D130) + 2 pps Gilsomite (D24). Mixed at 11.9 ppg, yield 2.46 cuft/sx, 13.94 gal/sx fresh water.

**Tail:** 200 sx Class "C" + 2% CaCl<sub>2</sub> (S1) Mixed at 14.8 ppg, yield 1.34 cuft/sx, 6.3 gal/sx fresh water.

**Drill 7 7/8" hole to 6000' and set 5 1/2" 17# J-55 LT&C casing (change in weight from 15.5# to 17#).**

**Mud:** weight cut brine 9.1, viscosity 28 - 32, circulation loss NC, pH 10.0

**Cement:** **Lead:** 275 sx CemCRETE Blend 40:60 Cement Plus Blend - Litefil at 24#/CF + 0.2% Antifoamer (D46) + 0.3% TIC Dispersant (D65) + 1% Antisetting Agent (D153) + 1/4 pps Polyflake (D130). Mixed at 9.88 ppg, yield 2.37 cuft/sx, 12.37 gal/sx Fresh Water.

**Tail:** 340 sx TXI Lightweight + 0.2% Uniflac (D167) + 0.2% TIC Dispersant (D65) + 0.1% Cement Retarder. Mixed at 13.0 ppg, yield 1.39 cuft/sx, 7.17 gal/sx Fresh Water.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Natalie Krueger

Signature

*Natalie Krueger*

Title

Regulatory Analyst

Date

April 10, 2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Office

Conditions of Approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Accepted for record - NMOCD

**APPROVED**

APR 25 2008

*Wesley W. Ingram*  
WESLEY W. INGRAM

PETROLEUM ENGINEER