

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Div-Dist. 2  
1301 W. Grand Avenue  
Alamosa, NM 88210

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**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**

RECEIVED

JUN 02 2005

DOB-ANTECOM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Cimarex Energy Co.

3a. Address

15 E. 5th Ste 1000, Tulsa, Ok 74103

3b. Phone No. (include area code)

(918) 585-1100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec. 13-22S-25E; 1350 FNL & 660' FEL (Surface)

Sec. 13-22S-25E; 900' FNL & 1780' FEL (BHL)

5. Lease Serial No.

NM 112898

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

McGruder Hill Federal #2

9. API Well No.

30-015-77380

10. Field and Pool, or Exploratory Area

Exploratory

11. County or Parish, State

Eddy Co., NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate 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 recompleation 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.)

A.) Original Surface casing was: 9 5/8" 36# K55 LTC set @ 2650' Change to 9 5/8" 36# J55 LTC set @ 2650'

B.) Original Cement for the Water 13 3/8" casing and 9 5/8" casing change to the following:

13 3/8" - Lead: 425 sx 35:65 Poz C + 6% D20 + 0.25 pps D29 + 2% S1 @ 12.6 ppg, yld 1.97, Tail: 415 sx C1 C + 0.25 pps D29 + 2% S1 @ 14.8 ppg, yld 1.34, wtr 6.29.

9 5/8" - Lead 530 sx 35:65 Poz C + 5% D44 + 6% D20 + 0.2% D46 + 0.25 ppg D29 @ 12.6 ppg, yld 2.04, wtr 11.31. Tail: 200 sx C1 C + 0.25 pps D29 + 2% S1 @ 14.8 ppg, yld 1.34, wtr 6.29.

APPROVED

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Sharon LaValley

Title Drilling Tech

MAY 31 2005

Signature

Sharon LaValley

Date 5/19/05

LES BABYAK

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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)