

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED

APR 05 2010

HOBBSSOCD

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

2. Name of Operator

Cimarex Energy Co. of Colorado

3a. Address

600 N. Marienfeld St., Ste. 600; Midland, TX 79701

3b. Phone No. (include area code)

432-571-7800

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

1650 FNL & 1980 FEL  
28-19S-33E

Unit B

5. Lease Serial No.

NM-27570

6. If Indian, Allottee or Tribe Name

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

NM-103150

8. Well Name and No.

Topacio Federal 28 Com No. 1

9. API Well No

30-025-34522

10. Field and Pool, or Exploratory Area

Gem; Morrow (G)

11. County or Parish, State

Lea County, 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 checked="" type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Plug back and
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	recomplete horizontally
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	in Brushy Canyon (Delaware)

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 recomplete 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 recompletion 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.)

Well is a marginal Morrow producer with perfs @ 13212-412.' Cimarex proposes to plug back and recomplete the well horizontally in the Delaware as outlined below. A vertical Delaware swab test will be attempted first (that sundry notice has been approved by BLM). The vertical Delaware perfs (7613-60') will be squeezed before the horizontal recompletion begins. In addition, Wolfcamp and Bone Spring partial plugs will be added per approved Delaware swab test sundry notice. If we can't establish a minimum 50' cement plug below the intermediate casing shoe with bradenhead squeeze, annulus pressures will be monitored monthly to satisfy Secretary's Potash stipulations.

- Set CIBP at 7455' w 2 sx sand (additional plugging requirements will be addressed at abandonment). Mill window from 7433-7448.' Kick off 4 3/4" hole at 7443' and land curve at 7742' MD, 76340' TVD. Drill to TD at 10849' MD and 7650' TVD.
- Run 2 3/4" 6.5# L-80 EUE 8rd liner from RSB packer at 7333' to TD at 10849' MD. Liner will be PEAK completion assembly, which requires no cement.
- Install PEAK completion liner and frac as needed.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

Please see attached C-102, WBD, and preliminary directional survey.

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

Name (Printed/Typed)

Natalie Krueger

Signature

Title

Regulatory

Date

July 29, 2009

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)

APPROVED

MAR 30 2010

WESLEY W. INGRAM  
PETROLEUM ENGINEER