

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

RECEIVED

JAN 18 2011

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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)

SHL 1980 FSL & 330 FWL 29-19S-32E

BHL 1980 FSL & 1650 FEL

5. Lease Serial No.

LC-063586

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Southern California 29 Federal No. 17

9. API Well No.

30-025-39888

10. Field and Pool, or Exploratory Area

Lusk; Bone Spring, S

11. County or Parish, State

Lea, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☒ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

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.)

The well's permitted casing program includes 7" and 2 7/8" fiberglass for production casing and a 4 1/2" lateral string that would be a PEAK liner.

Instead, Cimarex would like to drill 8 3/4" to 8950 and set 7" 26# P-110 LTC to 8933. Cement with lead 370 sx 35/65 POZ H + 5% D-44 + 10% D-20 + 1% D-112 + 0.2% D-46 + 0.1% D-800 (wt 12.4, yld 2.26) and tail 400 sx CI H + 1.5% D-174 + 0.125# D-130 + 0.2% D-167 + 3# D-42 + 0.4% D-800 + 0.2% D-46 (wt 15.6, yld 1.21).

Then drill through cement and kick off 6 1/8" lateral @ 9000. Drill to TD @ 12470 and run 4 1/2" liner. Use 4 1/2" 11.6# P110 BTC from TOL @ 8725-9617 and LTC from 9617-12465. Cement the liner with 320 sx PVL + 0.2% D-167 + 0.2% D-046 + 1.1% D-800 + 2% D-174 + 1.3% D-44 (wt 13, yld 1.44).

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

Name (Printed/Typed)

Natalie Krueger

Signature

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

Title

Regulatory

Date

December 30, 2010

APPROVED

JAN 12 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date JAN 19 2011

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)

CONDITIONS OF APPROVAL

Sundry

OPERATOR'S NAME:	Cimarex Energy Co. of Colorado
LEASE NO.:	LC-063586
WELL NAME & NO.:	Southern California 29 Federal #17
SURFACE HOLE FOOTAGE:	1980' FSL & 0330' FWL
BOTTOM HOLE FOOTAGE:	1980' FSL & 1650' FEL
LOCATION:	Section 29, T. 19 S., R. 32 E., NMPM
COUNTY:	Lea County, New Mexico

Original COA Applies

Under Drilling Operations Requirements Item B.3 is replaced by the following:

1. The minimum required fill of cement behind the 7 inch production casing is:

- ☒ Cement should tie-back at least 50 feet above the top of the Capitan Reef. Operator shall provide method of verification.

2. The minimum required fill of cement behind the 4-1/2 inch production liner is:

- ☒ Cement should tie-back at least 200 feet into previous casing string. Operator shall provide method of verification. **Additional cement will be required as excess calculates to 0%.**

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