

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTNew Mexico Oil Conservation Division, District 1
1625 N. French Drive
Hobbs, NM 88240
FORM 3160-5
OMB No 1004-0135
Expires July 31, 1996

RECEIVED

FEB 12 2010

HOBBSDOCD

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 79707

3b. Phone No. (include area code)

432-571-7800

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

SHL 375 FSL & 375 FEL 18-15S-31E
BHL 330 FNL & 375 FEL

5. Lease Serial No

SHL Fee Surf/Min BHL LC-064900

6. If Indian, Allottee or Tribe Name

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

Pending

8. Well Name and No

Franklin 18 Federal Com No. 4 ✓

9. API Well No

30-005-29090

10. Field and Pool, or Exploratory Area

Abo Wildcat

11. County or Parish, State

Chaves 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 Casing change w/
contingency plan☐ Change Plans☐ Plug and Abandon☐ Temporarily Abandon☐ Final Abandonment Notice☐ Convert to Injection☐ Plug Back☐ 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.)

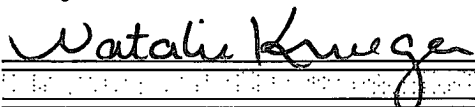
Cimarex proposes to change its casing plans as shown on the attached page by omitting intermediate casing. A contingency plan is also included in case wellbore integrity cannot be maintained.

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

Name (Printed/Typed)

Natalie Krueger

Signature



Title

Regulatory

Date

January 26, 2010

PETROLEUM ENGINEER

FEB 15 2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/S/ DAVID R. GLASS

Title

PETROLEUM ENGINEER

Date

FEB 08 2010

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.

Office

ROSWELL FIELD OFFICE

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)

Revised Casing Plans
Franklin 18 Federal Com No. 4
 Cimarex Energy Co. of Colorado
 Unit P, Section 18
 T15S, R31E, Chaves County, NM

Proposed drilling Plan

Drill 8¾" hole to 9150' (pilot hole) and set 7" and 2⅞" fiberglass and cement as shown below. Kick off 6⅞" lateral @ 8395.' Drill 6⅞" hole to MD 13079' and TVD 8615.' Install 4½" Peak Completion Liner.

Casing Program:

Hole Size	Depth		Casing OD		Weight	Thread	Collar	Grade
17½"	0'	to 340'	New	13⅜"	48#	8-R	STC	H-40
8¾"	0'	to 8335'	New	7"	26#	8-R	LTC	P-110
8¾"	8335'	to 9150'	New	2⅞"	2.18#	Fiberglass		IJ
6⅞"	8295'	to 8694'	New	4½"	11.6#	8-R	BTC	P-110
6⅞"	8694'	to 13079'	New	4½"	11.6#	8-R	LTC	P-110

Cementing & Setting Depth:

Surface Lead: 400 sx Premium Plus + 2% CaCl₂ (wt 14.8, yld 1.35)
 Tail: 400 sx Premium Plus + 2% CaCl₂ (wt 14.8, yld 1.35)
 TOC Surface

Production Lead: 925 sx EconoCem + 3% salt + 5lbm/sk Gilsonite 1.71 cf/sk
 Tail: 405 sx Halcem 14.8 ppg 1.34 cf/sk
 TOT @ 7600' TOC surface

Liner No cement needed. Peak completion assembly.

Intermediate Contingency:

If wellbore integrity cannot be maintained while drilling the 8¾" hole, it will be reamed out to 12¼" and new 9⅝" casing contingency string will be run as follows:

Hole Size	Depth		Casing OD		Weight	Thread	Collar	Grade
12¼"	0'	to 3950'	New	9⅝"	40#	8-R	LTC	J-55

Contingency Cementing Plan:

Lead: 950 sx Econocem + 3% Salt + 2% CaCl₂ + 3# Gilsonite (wt 11.7, yld 2.06)

Tail: 215 sx Premium Plus + 1% CaCl₂ (wt 14.8, yld 1.34)

TOC Surface