

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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

RECEIVED

MAR 11 2009

HOBBSOCD

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator Cimarex Energy Co. of Colorado	
3a. Address 5215 N. O'Connor Blvd., Ste 1500; Irving, TX 75039	3b. Phone No. (include area code) 972-401-3111
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980 FSL & 660 FWL 34-19S-34E	

5. Lease Serial No. NM-052
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No
8. Well Name and No. Mallon 34 Federal No. 16
9. API Well No. 30-025-32818
10. Field and Pool, or Exploratory Area Quail Ridge; Bone Spring, South
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 checked="" 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 <u>Deepen and</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>recomplete horizontally in</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>Bone Spring</u>

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 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 currently producing from Bone Spring perfs at 10144-10164.' Current TD is 10300.'

Cimarex proposes to perform the following operations in order to deepen and recomplete this well horizontally in the Bone Spring:

- Kill well. ND WH & NU 5K BOP. POOH w/ tbg. Squeeze Bone Spring 10144-10164' w/ 50 sx cmt.
  - With 4 3/4" bit, drill beyond TD to KOP @ 10645.' Land curve at 10951' MD, 10840' TVD. Drill to TD at 15046' MD and 10840' TVD.
  - Run 3 1/2" 9-3# P-110-EUE 8rd liner from RSB packer at 10545' to TD at 15046' MD. Liner will be PEAK completion assembly which will require no cement. *2 7/8" 6.5# 2-80 per operator 3-6-09*
  - Fracture treat in several stages as needed through iso-ports separated by iso-packers.
- Please see attached C-102 and preliminary directional survey.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Name (Printed/Typed)

Natalie Krueger

Signature

*Natalie Krueger*

Title

Regulatory Analyst

Date

February 3, 2009

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

Date  
MAR 6 2009

WESLEY W. INGRAM  
PETROLEUM ENGINEER