

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO 1004-0135
Expires July 31, 2010**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.

OCD Hobbs

5 Lease Serial No
NMNM126065

6 If Indian, Allottee or Tribe Name

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

8 Well Name and No
RED TANK 4 FEDERAL 0019 API Well No
30-025-4053410 Field and Pool, or Exploratory
BONE SPRING WILDCAT11 County or Parish, and State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

OCT 23 2012

RECEIVED

1 Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2 Name of Operator

CIMAREX ENERGY COMPANY

Contact TRACIE CHERRY

E-Mail tcherry@cimarex.com

3a. Address

600 NORTH MARIENFELD STREET STE 600
MIDLAND, TX 79701

3b. Phone No (include area code)

Ph. 432-620-1959

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

Sec 4 T23S R32E NWNW 480FNL 760FWL

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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<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 recomple 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.)

Horizontal wellbore
BHL: 330 FSL & 660 FWL

Cimarex Energy respectfully request approval to set a DV tool on 5 1/2" casing. Revised cement program is as follows:

DV tool at 6500'

Stage 1

Lead: 390 sx 390 sx EonoCem - H + + 0.2 % HR-601 2.44 11.9 ppg 2.44 yield

Tail: 1070 sx Versacem - H + 0.5% Halad(R)-344 + 0.4% CFR-3 + 1 lbm/sk salt + 0.1% HR-601 14.5 ppg 1.22 yield

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14 I hereby certify that the foregoing is true and correct	
Electronic Submission #155540 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY, sent to the Hobbs Committed to AFMSS for processing by CHRISTOPHER WALLS on 10/19/2012 ()	
Name (Printed/Typed) TRACIE CHERRY	Title SR REGULATORY ANALYST
Signature (Electronic Submission)	Date 10/19/2012
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By	Title
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	Date
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.	

APPROVED

OCT 19 2012

/s/ Chris Walls

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

OCT 24 2012

Additional data for EC transaction #155540 that would not fit on the form

32. Additional remarks, continued

30% Excess

Stage 2

Lead: 280 sx EonoCem - H + + 0 2 % HR-601 2.44 11.9ppg 2.44 yield

Tail 100 sx Versacem - H + 0.5% Halad(R)-344 + 0.4% CFR-3 + 1 lbm/sk salt + 0.1% HR-601 14.5ppg

1 22 yield

30% Excess

Cement volumes will be adjusted depending on well conditions

This change is requested to assure cement circulates a minimum of 200' above the intermediate casing shoe.

Also, a change in centralizer placement on 5 1/2 casing is requested. Centralizers will be placed every 3rd joint through the curve or legal location hardline, whichever is deeper, to provide adequate cement coverage every 100' unless hole conditions require greater spacing between centralizers

All other aspects of approved drilling plan remain the same

Conditions of Approval

1. The minimum required fill of cement behind the 5-1/2 inch Production casing is:

a. First stage to DV tool:

- ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage. **Additional cement may be required – excess calculates to -1%.**

b. Second stage above DV tool:

- ☒ Cement should tie-back at least 200 feet into previous casing string. Operator shall provide method of verification.