

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM 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.*

HOBBS OCD

SEP 04 2013

5. Lease Serial No.  
NMNM127894

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

RECEIVED

8. Well Name and No.  
DIAMONDTAIL 23 FEDERAL 4H9. API Well No.  
30-025-40770-00-X110. Field and Pool, or Exploratory  
DIAMONDTAIL11. County or Parish, and State  
LEA COUNTY, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Contact: DEYSI FAVELA  
CIMAREX ENERGY COMPANY OF CO Mail: dfavela@cimarex.com

3a. Address

600 NORTH MARIENFELD STREET, SUITE 600  
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-620-1964

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

Sec 23 T23S R32E NENW 330FNL 1955FWL

**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 A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

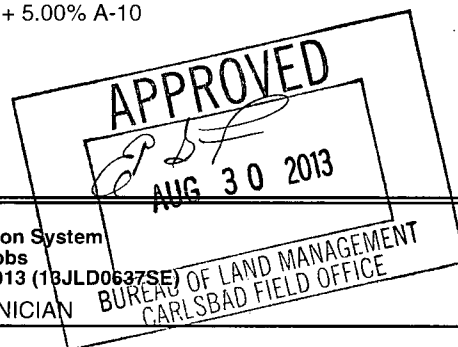
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths 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 recomple 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 Energy Co. respectfully requests the following change to the original APD:

Modify Lead cement slurry for 5 1/2" production casing. It is difficult to circulate cement into the intermediate casing with standard density lead slurry. Cimarex would like to use engineered lightweight slurry as follows:

450 sxs of 60:40:0 Class C + 15.00 lb/sk BA-90 + 4.00% MPA-5 + 0.20% FL-52 + 3.00% SMS + 5.00% A-10 + 1.00% BA-10A + 0.50% ASA-301 + 2.35% R-21 + 8.00 lb/sk LCM-1

10.8 ppg  
3.67 yield  
21.38 mix water

*Original COA Still Applies*

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

Electronic Submission #218590 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs  
Committed to AFMSS for processing by JOHNNY DICKERSON on 08/29/2013 (13JLD0637SE)

Name (Printed/Typed) DEYSI FAVELA

Title DRILLING TECHNICIAN

Signature (Electronic Submission)

Date 08/29/2013

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By EDWARD FERNANDEZ

Title PETROLEUM ENGINEER

Date 08/30/2013

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 Hobbs

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

SEP 05 2013