

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.5. Lease Serial No.
NMNM0553548

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
DOS EQUIS 13 FEDERAL COM 1H9. API Well No.
30-025-41479-00-X110. Field and Pool, or Exploratory
TRIPLE X11. County or Parish, and State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CIMAREX ENERGY COMPANY

Contact: PAULA BRUNSON

Mail: pbrunson@cimarex.com

3a. Address

600 NORTH MARIENFELD STREET, SUITE 600
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-571-7848

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

Sec 13 T24S R32E NENE 0330FNL 0660FEL
32.132656 N Lat, 103.371902 W Lon

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 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.)

Cimarex respectfully requests the following changes to the approved APD:

1. Change 9-5/8 intermediate casing grade to J-55. This a collapse safety factor of 1.45 using 1/3 evacuation method and a normal pressure gradient.
 $(11,400 \text{ ft TVD} \times 0.333 \times 0.465 \text{ psi/ft}) = 1765 \text{ psi}$
 $2570 \text{ rating} / 1765 \text{ psi} = 1.45 \text{ safety factor}$

2. Production Casing Lead Cement change to 520 sx of 10.8 ppg, 3.84 yield, 22.35 gps mix water, 25% excess. Engineered lightweight slurry due to difficulty raising cement into intermediate with originally proposed lead slurry. Change curve section centralizers to every 2 joints through curve (8 total).

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

Electronic Submission #238630 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs
Committed to AFMSS for processing by CHRISTOPHER WALLS on 03/12/2014 (14CRW0091SE)

Name (Printed/Typed) PAULA BRUNSON

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/12/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHRISTOPHER WALLS

Title PETROLEUM ENGINEER

Date 03/12/2014

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 ****

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Additional data for EC transaction #238630 that would not fit on the form

32. Additional remarks, continued

3. Pilot Hole Plugging Plan: Set two cement plugs. Spot 700 ft cement plug from approximately 11,400-10,700 with 245 sx Class H, 15.6 ppg, 1.2 yield. Pull up and set 500 ft cement kickoff plug from approximately 10,650-10,150 with 225 sx Class H, 17.5 ppg, 0.94 yield.

3rd BSS Top 1117 ft
Pilot Hole TD 11400 ft
Wolfcamp Top 12220 ft