

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

8. Well Name and No.
DOS EQUIS 13 FEDERAL COM 1H

9. API Well No.
30-025-41479-00-X1

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator Contact: PAULA BRUNSON
CIMAREX ENERGY COMPANY ~~Q2308~~ 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

10. Field and Pool, or Exploratory
TRIPLE X

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

11. County or Parish, and 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 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 Change to Original A PD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 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:

- 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.
 $(11,400 \text{ ft TVD} \times 0.333 \times 0.465 \text{ psi/ft}) = 1765 \text{ psi}$
 $2570 \text{ rating} / 1765 \text{ psi} = 1.45 \text{ safety factor}$
- 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).

HOBBS OCD
MAR 14 2014

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 ****

MAR 18 2014

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