

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs
HOBBS OCD

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.

MAR 25 2014

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM01917
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: DEYSI FAVELA E-Mail: dfavela@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-1964	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T24S R32E NENE 330FNL 660FEL 32.141882 N Lat, 103.382014 W Lon		8. Well Name and No. DOS EQUIS 11 FEDERAL COM 1 H
		9. API Well No. 30-025-41469-00-X1
		10. Field and Pool, or Exploratory TRISTE DRAW
		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
	<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 recompleat 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 recompleat 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 respectfully requests changes to the original APD:

No pilot hole will be drilled. We will drill to KOP and then curve and lateral.

Change 9-5/8" intermediate casing grade to J-55. This a collapse safety factor of 1.50 using 1/3 evacuation method and a normal pressure gradient.
(11,050 ft TVD x 0.333 x 0.465 psi/ft) = 1712 psi
2570 rating / 1712 psi = 1.50 safety factor.

Production Casing Lead Cement change to 520 sx of 10.8 ppg, 3.68 yield, 21.4 gps mix water, 25% excess. Engineered lightweight slurry due to difficulty raising cement into intermediate with originally proposed lead slurry. Change TOC on production casing to 4700' (200' into intermediate).

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Electronic Submission #234723 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 03/18/2014 (14CRW0103SE)	
Name (Printed/Typed) DEYSI FAVELA	Title DRILLING TECHNICIAN
Signature (Electronic Submission)	Date 02/06/2014
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	

APPROVED
MAR 27 2014
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 26 2014

Additional data for EC transaction #234723 that would not fit on the form

32. Additional remarks, continued

Change curve section centralizers to every 2 joints through curve (8 total).

**PECOS DISTRICT
CONDITIONS OF APPROVAL**

OPERATOR'S NAME:	CIMAREX ENERGY
LEASE NO.:	NM01917
WELL NAME & NO.:	1-DOS EQUIS 11 FEDERAL COM
SURFACE HOLE FOOTAGE:	330' FNL & 660' FEL
BOTTOM HOLE FOOTAGE:	330' FSL & 660' FEL
LOCATION:	Section 11, T. 24 S., R 32 E., NMPM
COUNTY:	Lea County, New Mexico

The original COAs still stand with the following drilling COAs:

NOTE: The 9-5/8" intermediate casing shall be kept fluid filled while running into hole to meet BLM minimum collapse requirements.

Pilot hole is no longer planned.

Centralizers approved as written.

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

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

JAM 032414