

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  
HOBBS OCD

MAY 09 2011

**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. NMNM36916
2. Name of Operator CIMAREX ENERGY COMPANY OF CO		6. If Indian, Allottee or Tribe Name
Contact: CAROLYN D LARSON E-Mail: clarson@cimarex.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 600 N MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-1946 Fx: 432-620-1940	8. Well Name and No. NORTH MADURO FEDERAL UNIT 6
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T19S R33E SWNW Lot E 2310FNL 610FWL		9. API Well No. 30-025-40038-00-X1
		10. Field and Pool, or Exploratory CRAZY HORSE <i>Delaware</i>
		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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recombine
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> Other Well Spud

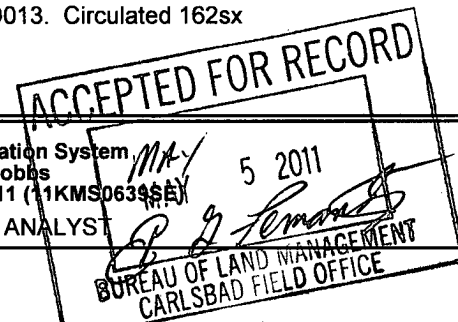
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths 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.)

2.7.11 Spud 16" hole.

2.10.11 Ran 11 3/4" 42# H40 STC csg. to 1332'. Cemented w/Lead cmt: 820sx Class C +4%D20+2%S1+0.125PPS D130+.2%D46 (Wt. 13.5, yld 1.73). Pmp Tail cmt. 200sx Class C +.125PPSD130 (Wt. 14.8, yld 1.33). Circulated 426sx cmt to pit. Pat McKelvey w/BLM witnessed cmt job. WOC 29 hours.

2.11.11 Test casing to 1400psi for 30 mins.

2.14.11 In 11" hole ran 8 5/8" 24# J-55STC to 2962'. Cmt w/Lead 590sx 35/65 POZ Class C +5%D448WOW + 6%D20 +.2%D46 +.125 PPSD130+2PPSD42. Tail200sx Class C +.1%D013. Circulated 162sx to surface. WOC 13 hours. Test csg 2000 psi for 30 mins.



14. I hereby certify that the foregoing is true and correct. Electronic Submission #106910 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs Committed to AFMSS for processing by KURT SIMMONS on 04/27/2011 (11KMS063955)	
Name (Printed/Typed) CAROLYN D LARSON	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 04/21/2011

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <b>ACCEPTED</b>	(BLM Approver Not Specified) Title	Date 05/05/2011
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.		

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 \*\*

MAY 11 2011

**Additional data for EC transaction #106910 that would not fit on the form**

**32. Additional remarks, continued**

2.18.11 Run 5 1/2" 17# J-55 LTC csg. to 5513'. Pmp 100sx 10.0RFC (wt. 14.2/yld 1.61). Pump lead 200sx 35/65 POZ C +5% BWOW + D044+6%D20+ .2% D046 + 2PPS D042 + .1% D013 +125PPSD 130 (Wt.12.6/yld 2.08). Pump tail cmt. 250 sx TX1 + 1.3%BWOW + D044 +2% D174 + 0.2% D167 + 0.2% D046+.1% D013 (wt. 13.0/yld 1.43. WOC 4 hrs. Ran TS in 5 1/2" -TOC 1832' Release rig @ 7p.m.