

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**

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

**AUG 25 2011**

1. Type of Well <input type="checkbox"/> Oil-Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No Multiple--See Attached
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: NATALIE E KRUEGER E-Mail: nkrueger@cimarex.com		9. API Well No Multiple--See Attached
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	3b. Phone No (include area code) Ph: 432-620-1936 Fx: 432-620-1940	10. Field and Pool, or Exploratory CRAZY HORSE GEM
4. Location of Well (Footage, Sec, T, R, M., or Survey Description) Multiple--See Attached		11. County or Parish, and State LEA COUNTY, NM

**RECEIVED**

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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<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 Site Facility Diagram/Security Plan

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 approval of the attached site security diagram.

**Accepted for Record Purposes.**  
**Approval Subject to Onsite Inspections.**  
**Date: 8/20/11**

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

Electronic Submission #114217 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/02/2011 (11DLM0622SE).

Name (Printed/Typed) NATALIE E KRUEGER	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 08/01/2011

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

Approved By <b>ACCEPTED</b>	DUNCAN WHITLOCK Title LEAD PET	Date 08/20/2011
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	Office Hobbs	<i>KZ</i> <b>AUG 28 2011</b>

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.

**Additional data for EC transaction #114217 that would not fit on the form**

**Wells/Facilities, continued**

<b>Agreement</b>	<b>Lease</b>	<b>Well/Fac Name, Number</b>	<b>API Number</b>	<b>Location</b>
NMNM14794	NMNM14794	MADURO UNIT 4	30-025-30840-00-S1	Sec 29 T19S R33E NWNE 460FNL 1980FEL
NMNM14794	NMNM14794	MADURO UNIT 4	30-025-30840-00-S2	Sec 29 T19S R33E NWNE 460FNL 1980FEL

N

Midland Federal Unit #4

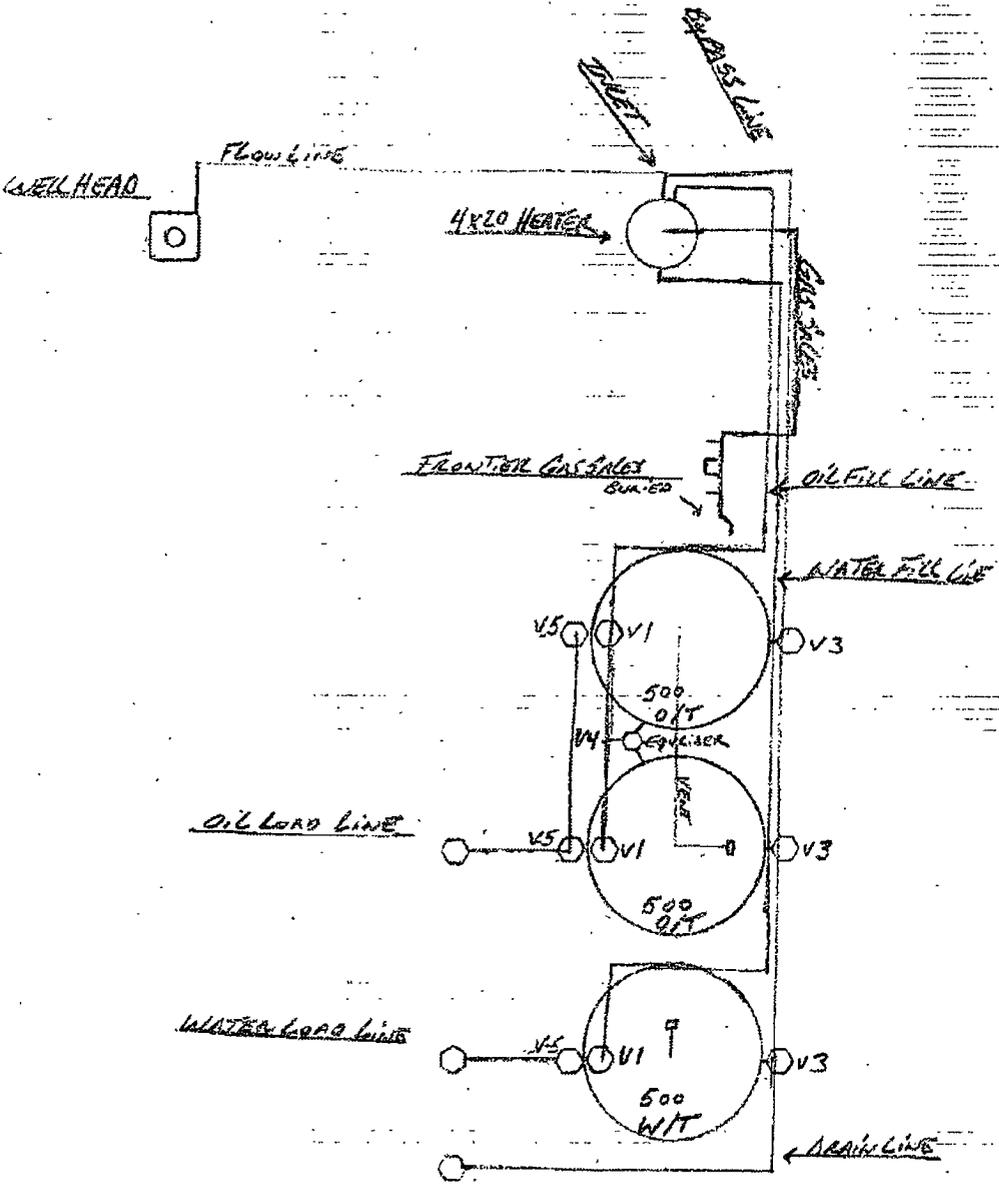
460 FNL, 1980 FES

UNIT B SEC 29, T19S, R33E

LEA, Co, N.M. NM 14794

Gas - Frontier 60-45-206

NM-14794  
30-025-30840



Production System-Open

Oil sales description as: by tank gauge to tank truck.

Seal requirements:

I. Production Phase (OT#1)

- (1) Valve 1 open
- (2) Valve 4 open.
- (3) Valve 5 sealed closed.
- (4) Valves on OT#2 positioned:
  - A. Valve 1 closed
  - B. Valve 2 closed or open
  - C. Valve 3 sealed
  - D. Valve 5 sealed closed

II. Sales Phase (OT#1)

- (1) Valves 1, 2, 3, & 4 sealed closed
- (2) Valve 5 on OT#1 open
- (3) Valves on OT#2 positioned:
  - A. Valve 1 open
  - B. Valve 2 closed
  - C. Valve 3 sealed
  - D. Valve 5 sealed closed

Location of Site Security Diagram  
Cimarex Energy Co.  
600 N. Marienfeld, Ste. 600  
Midland, TX 79701