

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**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 - Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires July 31, 20105. Lease Serial No.  
NMNM14847

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
PERE MARQUETTE 18 FEDERAL 109. API Well No.  
30-015-38998-00-X110. Field and Pool, or Exploratory  
EMPIRE

11. County or Parish, and State

EDDY 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 OF CO

Contact: NATALIE E KRUEGER

E-Mail: nkrueger@cimarex.com

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

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

Sec 18 T17S R29E SENW Lot F 1800FNL 1210FWL  
32.836884 N Lat, 104.117441 W Lon**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

## TYPE OF SUBMISSION

## TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other  
Drilling Operations

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.)

## Drilling:

05-27-11 Spud 14.75 in hole. Ran 9.625 in 36# J55 STC @ 300.

05-28-11 Cemented with lead 200 sx C, tail 200 sx C, no returns. TS TOC 70. One-inched to 70 with 75 sx, tagged @ 85. One-inched to 60 with 75 sx, circ 33 sx. WOC 16 hrs.

05-29-11 Tested to 1400# for 30 min, ok.

06-06-11 TD 8.75 in hole @ 5282.

06-07-11 Ran 5.5 in 17# N80 LTC @ 5282. Cemented with lead 810 sx C, tail 365 sx C, circ 23 sx.

06-08-11 RR.

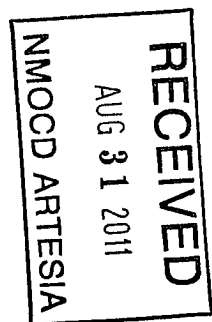
06-21-11 Tested to 4500# for 30 min, ok.

## Completion:

06-22-11 Perfed Blinbry 4220-4670 1 spf, 32 holes.

Accepted for record - NMOC

22 9-1-11



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

**Electronic Submission #115460 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/22/2011 (11DLM1217SE)**

Name (Printed/Typed) NATALIE E KRUEGER

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/18/2011

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

Approved By

**ACCEPTED**JAMES A AMOS  
Title SUPERVISOR EPS

Date 08/28/2011

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 Carlsbad

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 \*\***

**Additional data for EC transaction #115460 that would not fit on the form**

**32. Additional remarks, continued**

06-29-11 Frac'd with 1,165,350 gal Slickwater & 399,708# 100 mesh.

07-12-11 CO to PBTD @ 5230.

07-13-11 Installed production tubing string: 2.875 inch 6.5# L80 @ 4685 and Norris rod pump.  
Turned to production.

07-23-11 First oil and gas production.