

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.*5. 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 1 ✓9. API Well No
30-015-38951-00-X1 ✓10. Field and Pool, or Exploratory
EMPIRE11. 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

Contact: NATALIE E KRUEGER

☒ CIMAREX ENERGY COMPANY OF CO-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 NWNW Lot 1 330FNL 330FWL ✓
32.840923 N Lat, 104.120290 W Lon**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 type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" 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 Drilling Operations
	<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 recomple 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 recomple 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:

04-27-11 Spud 11 inch hole and drilled to 309. Tried to run casing, became stuck, so reamed hole out to 12.25 inches.

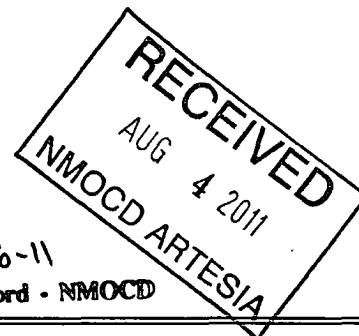
04-28-11 Ran 9.625 inch 36# J55 LTC @ 309. Cemented with lead 125 sx C, tail 200 sx C, no circulation. TS TOC 80. 1-inched to 91 with 50 sx C.

04-29-11 Tagged @ 112, 1-inched to 91 with 75 sx C, tagged @ 80. 1-inched to 60 with 75 sx 80. 1-inched to 60 with 75 sx C, tagged @ 56. 1-inched to 55 with 125 sx C. Total 1-inch cmt pumped 400 sx. Circulated 12 sx, WOC 20.5 hrs.

04-30-11 Tested casing to 1400# for 30 min, ok.

05-05-11 Reached TD of 8.75 inch hole.

05-06-11 Ran 5.5 inch 17# P110 LTC @ 5260. Cemented with lead 850 sx C, tail 430 sx C, no circulation. TS TOC 350. 1-inched to 396 with 234 sx C, circulated 12 sx.

D22 8-16-11
Accepted for record - NMOC D

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

Electronic Submission #112800 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 07/13/2011 (11DLM1053SE)

Name (Printed/Typed) NATALIE E KRUEGER

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/13/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTEDJAMES A AMOS
Title SUPERVISOR EPS

Date 07/23/2011

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.

Additional data for EC transaction #112800 that would not fit on the form

32. Additional remarks, continued

05-07-11 Tested casing to 3000# for 30 min, ok. RR.

Completion:

05-11-11 Perfed Blinebry 4226-4635 1 jspf, 44 holes.

05-20-11 Frac'd with 1,132,723 gal Slickwater & 446,227# 40/70 Sand. Set CBP @ 4180. Perfed Paddock 3865-4135 1 jspf, 52 holes.

05-21-11 Frac'd with 1,365,107 gal Slickwater & 537,275# 40/70 Sand.

06-17-11 Drilled out CBP and CO to PBTD @ 5201: Ran 2.875 inch 6.5# J55 tbg to 4654 and installed Weatherford sub pump. Turned to production.

06-20-11 First oil production.

07-08-11 First gas production.