

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM14847
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: NATALIE E KRUEGER E-Mail: nkrueger@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: 432-620-1936 Fx: 432-620-1940	7. If Unit or CA/Agreement, Name and/or No
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 18 T17S R29E NENW 594FNL 1210FWL 32.840198 N Lat, 104.117428 W Lon		8. Well Name and No. PERE MARQUETTE 18 FEDERAL 2
		9. API Well No. 30-015-39030-00-X1
		10. Field and Pool, or Exploratory EMPIRE
		11. County or Parish, and State EDDY 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 <input type="checkbox"/> Change to Original APD
	<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 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.)

Corrected

Cimarex proposes the following changes to the casing plan for this well:

Surface Casing: Change to 14.75 inch hole and run 9.625 inch 36# J55 STC @ 210. Cement with Lead: 135SKS Class C + 10% W-60 + 1% CaCl₂ + 0.25% R-38 + 5# Gilsontite per sx 14.4ppg 1.56 yield 200% Excess, Tail: 69SKS Class C + 2% CaCl + 0.25% R-38 14.8ppg 1.35 yield 200% Excess, Circulate Cmmt to Surface.

No intermediate casing.

Production Casing: Change to 7.875 inch hole and run 5.5 inch 17# L80 LTC to 6000. Cement with

Accepted for record - NMOC

JUL 20 2011
NMOC ARTESIA
82-11

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

Electronic Submission #112668 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 07/12/2011 (11KMS2043SE)

Name (Printed/Typed) NATALIE E KRUEGER

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 07/11/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHRISTOPHER WALLS	Title PETROLEUM ENGINEER	Date 07/19/2011
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 #112668 that would not fit on the form

32. Additional remarks, continued

Lead:1110SKS Class C 50/50 Poz + 10% Bentonite, + 0.3% FL-10 + 0.25% R-38 + 5% Salt 14.6ppg
1.54yield 70% Excess , Tail:105SKS HalCem + 1% CaCl 14.8ppg 1.34 yield 25% Excess, Circulate Cmmt
to Surface.