

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

5. Lease Serial No.
NMNM14124

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

8. Well Name and No.
MARQUARDT FEDERAL 16H

9. API Well No.
30-015-42487-00-X1

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
CIMAREX ENERGY COMPANY OF CO
Contact: TERRI STATHEM
E-Mail: tstatthem@cimarex.com

3a. Address
202 S CHEYENNE AVE SUITE 1000
TULSA, OK 74103.4346

3b. Phone No. (include area code)
Ph: 432-620-1936

10. Field and Pool, or Exploratory
COTTONWOOD DRAW-BONE SPRING

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 12 T25S R26E NWNW 20FNL 610FWL
32.090635 N Lat, 104.151193 W Lon

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 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 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 OPS:

- 10-16-15 Spud well. TD 17-1/2" hole @ 412'. RIH w/ 13-3/8" J55, STC csg & set @ 412'. Mix & pump 505 sx Class C, 14.8 ppg, 1.33 yld. Circ. 287 sx to surf. WOC 8+ hrs.
- 10-17-15 Test csg to 1500# for 30 mins. OK.
- 10-19-15 TD 12-1/4" hole @ 1940'. RIH w/ 9-5/8", 36#, J55, LTC csg & set @ 1940'. Mix and pump cement lead: 550 sx Class C, 132.5 ppg, 1.79 yld; tail w/ 160 sx Class C, 14.8 ppg, 1.33 yld. Circ 200 sx to surf. WOC 8+ hrs.
- 10-20-15 Test csg to 1500# for 30 mins. OK.
- 10-23-15 TD 8-3/4" vertical hole @ 6614'. TIH w/ curve assembly.
- 10-24-15 TD 8-3/4" curve @ 7431'. TOH w/ curve assembly. TIH w/ 8-1/2" lateral assembly. KO lateral.

ACCEPTED FOR RECORD
NM OIL CONSERVATION
ARTESIA DISTRICT
FEB 08 2016
RECEIVED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #327316 verified by the BLM Well Information System
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 12/30/2015 (16PP0039SE)

Name (Printed/Typed) TERRI STATHEM Title MANAGER REGULATORY COMPLIANCE

Signature (Electronic Submission) Date 12/28/2015

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

JAN 26 2016

Approved By _____ Title _____

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 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE

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 #327316 that would not fit on the form

32. Additional remarks, continued

10-28-15 TD 8-1/2" hole @ 12054'. POOH & LDDP.

10-29-15 RIH w/ 5-1/2", 17#, L-80, BTC LTC csg & set @ 12054'. Mix & pump lead: 815 sx Class TLW, 11.0 ppg, 2.77 yld; tail w/ 1325 sx Class H, 14.5 ppg, 1.2 yld. Circ 203 sx to surf.

10-30-15 RD & release rig.