

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.*

OCD Artesia

5. Lease Serial No.  
NMLC068960

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No  
BLUETAIL 8 FEDERAL 19. API Well No.  
30-015-38653-00-X110. 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 ☐ Other2. Name of Operator Contact: NATALIE E KRUEGER  
CIMAREX ENERGY COMPANY OF CO-Mail: nkrueger@cimarex.com3a. Address  
600 NORTH MARIENFELD STREET SUITE 600  
MIDLAND, TX 797013b. Phone No. (include area code)  
Ph: 432-620-1936  
Fx: 432-620-19404. Location of Well (Footage, Sec, T, R, M, or Survey Description)  
Sec 8 T17S R29E SWNW Lot E 2160FNL 330FWL**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       | Change to Original A                      |
|  | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            | PD  |

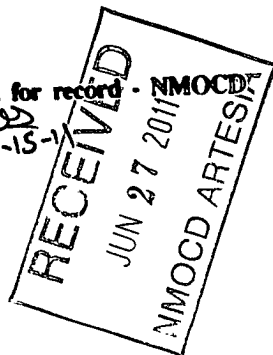
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths 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 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 requests to withdraw previously filed sundry notice to eliminate intermediate casing string. We still want to eliminate the intermediate string, if possible, but our drilling plan has changed. We also plan to change surface casing setting depth.

Cimarex proposes to change the surface casing setting depth from 210 to 300. Cement with Lead: 250 sx Class C + 10% W-60 + 1% CaCl<sub>2</sub> + 0.25% R-38 + 5# Gilsontite per sx, 13.5 ppg, 1.75 cuft/sx, 9.17 gal fw and Tail: 250 sx Class C + 2% CaCl<sub>2</sub> + 0.25% R-38, 14.8 ppg, 1.35 cuft/sx, 6.34 gal fw. TOC @ surfac 100% excess.

Cimarex proposes to eliminate intermediate casing string. After setting 11.75 inch 42# H40 STC @ 300 in the 16 inch hole, drill to TD with 7.875 inch bit and set 5.5 inch 17# N80 BTC @ 4700 and cement with Lead Slurry: 725 sacks Class C 50/50 Poz + 10% Bentonite + 0.3% FL-10 + 0.25% R-38 + 5%

Accepted for record - NMOC



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

Electronic Submission #110666 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 06/17/2011 (11KMS1869SE)

Name (Printed/Typed) NATALIE E KRUEGER

Title REGULATORY

Signature (Electronic Submission)

Date 06/15/2011

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

Approved By CHRISTOPHER WALLS

CRW

Title PETROLEUM ENGINEER

Date 06/20/2011

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 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 #110666 that would not fit on the form**

### **32. Additional remarks, continued**

Salt, Mixed at 11.92 ppg. Yield 2.37 cuft/sx, 13.52 gal/sx Fresh Water and Tail Slurry: 225 sacks C Star Bond + 0.3% FL-10 + 0.1% C-20 + 0.25% R-38. Mixed at 13.2 ppg, Yield 1.55 cuft/sx, 7.86 gal/sx Fresh Water.

If lost returns occur in the 7.875 inch hole, Cimarex will TOH and ream out the hole with an 11 inch bit and set 8.625 inch 24# J55 STC @ 1100 and cement with Lead: 200 sx 50:50 Poz: C +0.2% Defoamer (D046) +5% D044 (Salt) +10% D020 Extender) +1/8 pps Polyflake (D130) +2 pps Gilsonite (D042), 11.8 ppg, Yield 2.57, 15.061 gal/sx water. Tail: 300 sx C +1%S001 (CaCl<sub>2</sub>), 14.8 ppg, 1.35 yield. 25% Excess, TOC surface. Then continue drilling 7.875 inch hole to TD and set 5.5 inch casing and cement to surface as shown above.