

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.*5. Lease Serial No.
NMLC068960

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.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
BLUETAIL 8 FEDERAL 4

2. Name of Operator

Contact NATALIE E KRUEGER

CIMAREX ENERGY COMPANY OF CO-Mail: nkrueger@cimarex.com

9. API Well No.
30-015-38655-00-X1

3a. Address

600 NORTH MARIENFELD STREET SUITE 600
MIDLAND, TX 79701

3b. Phone No (include area code)

Ph: 432-620-1936
Fx: 432-620-194010. Field and Pool, or Exploratory
EMPIRE

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

Sec 8 T17S R29E SWNW Lot E 1850FNL 330FWL

11. County or Parish, and State

EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

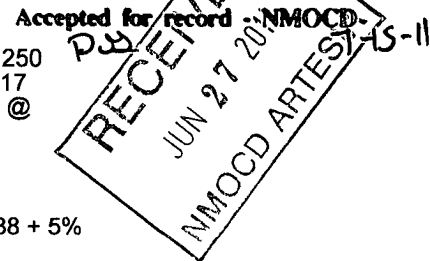
TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ 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 recompleate 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 recompleation 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 sting.
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% CaCl₂ + 0.25% R-38 + 5# Gilsonite per sx, 13.5 ppg, 1.75 cuft/sx, 9.17 gal fw and Tail: 250 sx Class C + 2% CaCl₂ + 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 @ 6010 and cement with Lead Slurry: 925 sacks Class C 50/50 Poz + 10% Bentonite + 0.3% FL-10 + 0.25% R-38 + 5%



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

Electronic Submission #110670 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 (11KMS1870SE)

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

CW

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 #110670 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 (CaCl₂), 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.