

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires January 31, 2004

RECEIVED

OCT 01 2012

MMOCD ARTESIA

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

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

CIMAREX ENERGY CO. OF COLORADO

ATTN: TRACIE J. CHERRY

3a. Address

600 N. MARIENFELD, SUITE 600, MIDLAND, TEXAS 79701

3b. Phone No (include area code)

(432) 571-7800

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

UNIT LETTER N

990' FSL & 2130' FWL

SEC. 01, T-20S, R-29E

5. Lease Serial No.

MM-144698

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

SUPERIOR FEDERAL #008

9. API Well No.

30-015-26323

10. Field and Pool, or Exploratory Area

EAST BURTON FLAT;

BONE SPRINGS

11. County or Parish, State

EDDY COUNTY N.M.

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 final site is ready for final inspection.)

PROPOSED PROCEDURE FOR PLUG AND ABANDONMENT:

- 1) TAG EXISTING CIBP + CMT. @ +/-10,440'; CIRC. WELL W/ PXA MID.
- 2) MIX X PUMP A 25 SX. CMT. PLUG @ 9,680'-9,500' (T/WC); WOC X TAG CMT. PLUG.
- 3) MIX X PUMP A 25 SX. CMT. PLUG @ 7,083'-6,923' (DV TOOL); WOC X TAG CMT. PLUG.
- 4) SET 5-1/2" CIBP @ 6,150'; MIX X PUMP A 40 SX. CMT. PLUG @ 6,150'-5,850' (OPEN PERFS. X T/B.S.).
- * 4) CUT X PULL 5-1/2" CSG. @ 3,450'-3,560' 3,550
- 5) MIX X PUMP A 55 SX. CMT. PLUG @ 3,515'-3,385' (5-1/2" CSG. STUB X 8-5/8" CSG. SHOE); WOC X TAG CMT. PLUG.
- 6) MIX X PUMP A 45 SX. CMT. PLUG @ 2,071'-1,951' (DV TOOL); WOC X TAG CMT. PLUG.
- 7) MIX X PUMP A 40 SX. CMT. PLUG @ 1,213'-1,103' (13-3/8" CSG. SHOE); WOC X TAG CMT. PLUG.
- 9) MIX X CIRC. TO SURF. A 25 SX. CMT. PLUG @ 63'-3'.
- 10) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER.

* Add 140' plug (Del). Perf @ 4030-3890', WOC Tag

RECLAMATION PROCEDURE
ATTACHED

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

DAVID A. EYLER

Title

AGENT

Date

09/18/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

James R. Jones

Title

SEPS

Date

9-27-12

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

CFO

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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 or to any matter within its jurisdiction.

10/2/2012

Accepted for record
MMOCD



20" @ 456' w/ 1620 sxs

13 3/8" 42# K55 csg @ 1158
Cmt w/795 sx, TOC - SURF

8 5/8" 32.3&24# K55 csg @3450'
Cmt w/1560 sx, TOC - SURF

TOC 5560'

Cmt w/1710 sxs, TOC -5560'

5 1/2" 17&20# N80 csg @ 11,899'
Cmt w/1710 sxs, TOC -5560'

PBTD: 11,559'
TD: 11,600'

Cimarex Energy Co. of Colorado

Superior Federal #8

API 30-015-26323

990' FSL & 2130' FWL, Sec 1, T20S R29E

Eddy County, NM

GL: 3298' KB: 3316'

DV Tool @ 2011'

2 3/8" 4.7# N-80 Tubing Detail

191 jts 2-3/8" N-80 5994 95'

TAC 2.75' @ 6012.95'

10 Jts 2-3/8" N-80 309 63'

2-3/8" API SN + Collar 1.50' @ 6325.33'

Bone Springs Perfs: 6190 - 6210 (2spf)

DV Tool @ 7003

CIBP @ 10,475' capped w/ 35' cement

Strawn Perfs: 10,612-10,770

CIBP @ 11,070' capped w/ 20' cement

Atoka Perfs: 11,180 - 11,186'

CIBP @ 11,690' capped w/ 20' cement

Morrow Perfs: 11,700 - 11,708'

M. Ketter 4/27/2010

CIMAREX

20" @ 456' w/ 1620 sxs

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Cmt w/795 sx, TOC - SURF8 5/8" 32.3&24# K55 csg @3450'
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Cimarex Energy Co. of Colorado

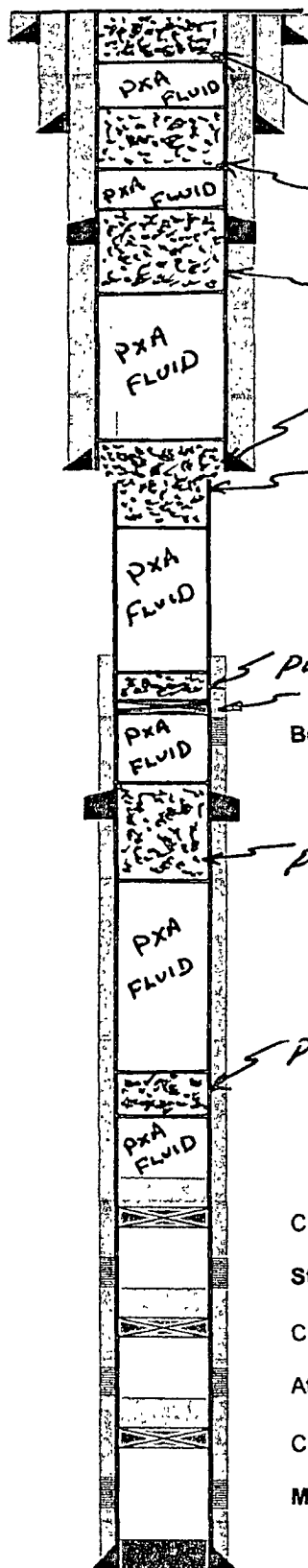
Superior Federal #8

API 30-015-26323

990' FSL & 2130' FWL, Sec 1, T20S R29E

Eddy County, NM

GL: 3298' KB: 3316'



CIRC. 25 SXS.CMT. @ 63'-3'

Pump 40 SXS.CMT. @ 1213'-1103'-TAG

DV Tool @ 2011'

Pump 45 SXS.CMT. @ 2071'-1951'-TAG

Pump 55 SXS.CMT. @ 3515'-3385'-TAG

5 1/2" csg. cut @ 3,450'

TOC 5560'

Pump 40 SXS.CMT. @ 6150'-5850'-1

5 1/2" CIBP @ 6150'

Bone Springs Perfs: 6190 - 6210 (2spf)

DV Tool @ 7003

Pump 25 SXS.CMT. @ 7083'-6923'-TAG

Pump 25 SXS.CMT. @ 9680'-9500'-TAG

CIBP @ 10,475' capped w/ 35' cement

Strawn Perfs: 10,612-10,770

CIBP @ 11,070' capped w/ 20' cement

Atoka Perfs: 11,180 - 11,186'

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Morrow Perfs: 11,700 - 11,708'

DAE 09/18/12 M. Ketter 4/27/2010