

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-025-30579

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Cimarex Energy Co. of Colorado

3. Address of Operator
PO Box 140907; Irving, TX 75014-0907

4. Well Location

Unit Letter H : 1650 feet from the North line and 330 feet from the East line
Section 21 Township 16S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3795' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: Add Strawn Perfs ☒

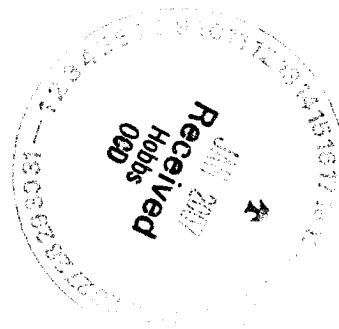
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

The State 21 No. 3 well is currently completed in the Lovington; Upper Penn, NE field with perfs at 11480'-11494' (Strawn). Cimarex proposes to re-enter, set a composite bridge plug at 11478' w/ 15' sand, and perform the following operations:

- Perf 11460'-11470' 3 jspf, 30 holes.
- Acidize 11460'-11470' with 1000 gal 15% NeFe HCl with 60 ball sealers.
- Run 2-7/8" production tubing and install rod pump.
- Turn well to production (still in Lovington; Upper Penn, NE field).



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Natalie Krueger TITLE Reg Analyst 1 DATE January 9, 2007

Type or print name Natalie Krueger email address: nkrueger@cimarex.com Telephone No. 469-420-2723
For State Use Only

APPROVED BY Gay W. Wink TITLE _____ DATE _____
Conditions of Approval (if any): _____

CIMAREX ENERGY CORPORATION

State "21" #3

East Lovington (Strawn) Field RECOMPLETION PROCEDURE

December 29, 2006

OBJECTIVE:

Add Strawn pay and return shut in well to production.

WELL DATA:

Elevation: 3795' GL; RKB 3814' = GL +19'
TD: 11,850'
PBTD: Not Reported
Casing: 13 3/8 48# H40 & 54.5# J-55 ST&C @ 428'. Cement w/445 sx, Circulated to surface
8 5/8" 28# HC-80 & S-80 8rd STC @ 4400'. Cement w/1220 sx Pacesetter Lite FB 250 sx "C" + 1% CaCl₂ Circulated to Surface.
5 1/2" 17# N-80 LTC @ 11,841' w/450 sx "H"; TOC @ 9900'
Strawn Perfs (Existing): 11,480 – 11,494'
Proposed Strawn Perfs: 11,460 – 11,470' (3 JSPF)
Tubing: 370 jts 2 7/8" N-80, 6.5#, 8R, EUE
Correlation Log: Schlumberger Cement Bond Log dated 23 Apr 1989

RECOMPLETE TO STRAWN

1. MIRU WSU, NUBOP, TOH w/ tubing. Send tubing and rods in for inspection.
2. PU 4-3/4 B&S on 2-7/8" work string and TIH to 11,550'±. Circulate hole clean with 2% KCL FW if possible. POH & LD B&S.
3. RU Wire Line Service Company and set Composite BP @ 11,478'. Perf Strawn 3 JSPF phased 120 degrees using premium charges correlated to Schlumberger Perforating Depth Control Log dated:4/23/1989 as follows:
 - 11,460 – 11,470' (10' 30 holes)
4. TIH with packer on 2-7/8" tubing with EOT @ 11,470'. Spot 250 gals 15% NEFe acid across new perfs. PU with packer and set @ ±11,370'.
5. Break down new Strawn interval 11460-470' with spot acid followed immediately with 1000 gal 15% NEFE HCl. Use 60 ball sealers spaced evenly for diversion. Displace with 2% KCL FW.
6. Flow back and swab to recover load and test production.
7. Release packer and POH.
8. Run production tubing and BHA. ND BOP, NU wellhead assembly.
9. Run Rods and Pump. SOHO.
10. Release well to production.