

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

RECEIVED

REVISED

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.

MAY 17 2010

HOBBSD

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

3a. Address

600 N. Marienfeld St., Ste. 600; Midland, TX 79707

3b. Phone No. (include area code)

432-571-7800

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

660 FNL & 1980 FEL

26-19S-33E

5. Lease Serial No.

NM-15917

6. If Indian, Allottee or Tribe Name

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

Laguna Deep Federal Unit

8. Well Name and No.

Laguna Deep Federal Unit No. 4

9. API Well No.

30-025-30695

10. Field and Pool, or Exploratory Area

Gem; Morrow, E (Gas)

11. County or Parish, State

Lea County, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ 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, included 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 zone. 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.)

02.12.10 Killed well. NDWH & NUBOP. Started POOH w tbq

02.13.10 Finished POOH w/ tbq.

02.15.10 Set RBP @ 12982' and pkr @ 12957.' Circulated well with 4% KCl and tested to 1000 psi, held.

02.16.10 Released RBP. Set CIBP @ 13029' and dump-bailed 35' cmt on plug.

02.18.10 Loaded csg 2/ 43 bbl 4% KCl and tested to 560 psi, witnessed by Patricia Hutchings, BLM.

Cimarex requests 6 month TA pending partner approval to later recompleat to Cisco/Wolfcamp as shown below.

• NDWH & NUBOP. POOH w/ tbq and pkr. Set CIBP @ 13144' with 35' cement. Additional Morrow plug will be addressed at abandonment.

• Fill hole with packer fluid and pressure test to 500 psi for 30 minutes. Notify BLM of test.

• Obtain DHC approval from OCD for Cisco and Wolfcamp.

• Perf Wolfcamp 10740-11678' and acidize/frac. Perf Cisco 11678-12088' and acidize/frac.

• Install tubing and turn to sales as DHC Wolfcamp/Cisco well.

Please see attached C-102s and post-TA well bore diagram. C-107-A is in progress at NMOCD.

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

Name (Printed/Typed)

Zeno Farris

Signature

Zeno Farris

Title

Manager, Operations Administration

Date

April 30, 2010

After 10-1-2010 the well must be online or plans to P & A must be submitted.

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

J.D. Whitlock, EUG 5/18/10

Title

LEET

Date

5/12/10

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

CFD

Title 18 U.S.C. Section 1001, 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 as to any matter within its jurisdiction

(Instructions on reverse)

Oil Conservation Division
Conditions of approval: Approval for drilling/workover ONLY-- CANNOT produce Downhole Commingled until DHC is approved in Santa Fe.

SUBJECT TO LIKE
APPROVAL BY STATE

Cimarex Energy of Colorado

LPD: 4/08

LAGUNA DEEP FEDERAL #4

SPUDED 10/16/89

API 30-025-30695

CURRENT COMPLETION

KB: 3643' (18.5' AGL)
DF: 3642'
GL: 3624.5'

660' FNL & 1980' FEL
B, Sec 26
T-19-S, R-33-E
Lea County, NM

Casing Strings:

20" (26" hole), 106 & 94#, K-95,
BT&C @ 1483' w/ 2600 sx "C".
TOC @ surf (circ 350 sx).

13 3/8" (17 1/2" hole), 61 & 68#, N-80,
ST&C @ 3232' w/ 2400 sx "C".
TOC @ surf (circ 126 sx).

9 5/8" (12 1/4" hole), 40#, N-80, LT&C @
5430' w/ 1825 sx "C". DV Tool @ 3231'.
TOC @ surf (circ 180 sx).

5 1/2" (8 3/4" hole), 17#, VA-95 & N-80,
LT&C, BT&C @ 13,560' w/ 2320 sx "H".
TOC @ 2900' (TS 12/20/89).
DV Tool @ 10,488'.

Morrow Perfs:

13,140-44, 56-170, 262-70, 72-74, 76-80
(125 holes), 6/24/93

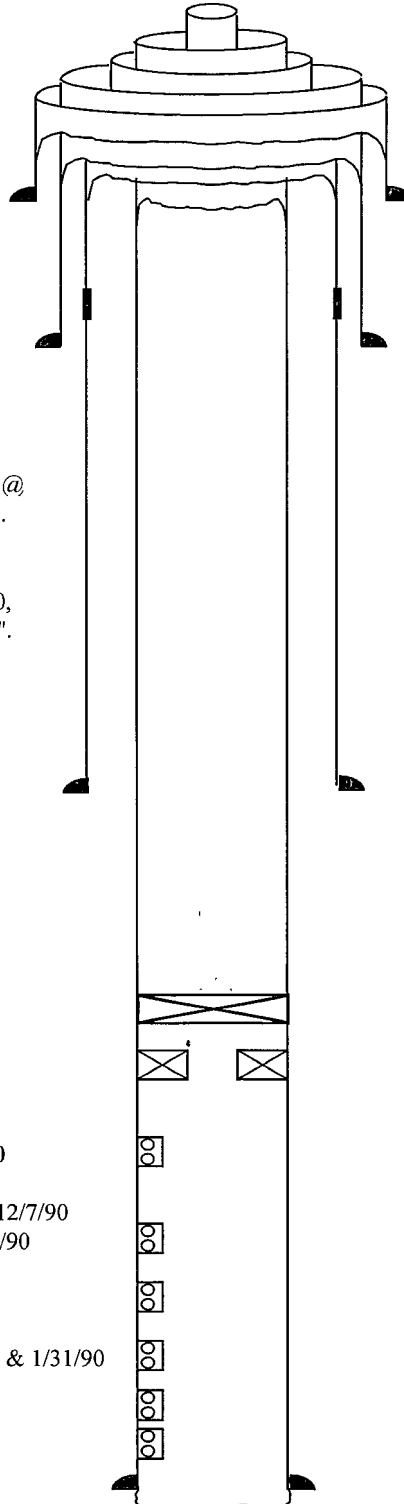
13,140-50, 62-70 w/ 4 JSPF (72 holes), 12/7/90
13,194-13,204 w/ 4 JSPF (41 holes), 3/8/90

13,236-52 6/27/98

13,312-26 w/ 4 JSPF (57 holes), 1/25/90 & 1/31/90

13,414-24 w/ 4 JSPF (40 holes), 3/4/90

13,432-38 w/ 4 JSPF, 6/26/98



Tubing Detail: from 3/10/90 report

1 jt 2 7/8" tbg
2 7/8" tbg sub
420 jts 2 7/8" EUE, 8rd tbg
2 7/8" SN
1 jt 2 7/8" EUE, 8rd tbg
Baker "B-36" Anchor tbg seal assm.
Baker "F-1" pkr
KB (18.5')
Baker pkr @ 13,081.70'
Below pkr:
2 7/8" Baker non-ported SN
2 7/8" Baker non-ported SN
2 7/8" WL entry guide
2 - 2 7/8" 10' tbg subs
EOT @ 13,124.60'

CIBP @ 13029 w/ 35' cmt

Baker "F-1" pkr @ 13,081.70'

TD = 13,560'

PBTD = 13,522' (LTD)