

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 87404
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

RECEIVED

Aug 21 2009
HOBBSOCD

WELL API NO. 30-025-29796 ✓
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> ✓
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name State 16
8. Well Number 003
9. OGRID Number 162683 ✓
10. Pool name or Wildcat Levington, NE (Penn) SWD, Strawn

Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
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 _____

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 ☒ SWD

2. Name of Operator
Cimarex Energy Co. of Colorado ✓

3. Address of Operator
5215 N. O'Connor Blvd., Ste. 1500; Irving, TX 75039

4. Well Location
SHL Unit Letter I : 1980 feet from the South line and 660 feet from the East line
Section 16 Township 16S Range 37E NMPM County Lea ✓

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3793' GR

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: ☐

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.

Well is currently TA. Cimarex Energy Co. of Colorado proposes to plug and abandon as follows:

1. ND tree & flow well down. MIRU PU and NU BOP. Test BOP System. Deliver 2 3/8" workstring. Set flowback pit and frac tank for plug mud.
2. Unseat pkr. POH laying down injection tubing and pkr. Pick up and RIH with workstring and CIBP. Set CIBP at 11,422'. Spot 50' Class "H" cement on top of CIBP. WOC and tag plug. (Covers Strawn.) Circulate hole with 9 ppg mud. POH.
3. RU wireline and run GR-CCL from 10,000' to 4,300'. RIH w/ casing gun and perforate 4 squeeze holes @ 9900'. POH. RIH w/ work string and squeeze pkr and squeeze with 75 sx Class "H" cement to cover 9900' - 9680'. WOC and tag plug. (Covers Wolfcamp.) POH.
4. RIH w/ casing gun and perforate 4 squeeze holes @ 7822'. POH. RIH w/ work string and squeeze pkr and squeeze with 75 sx Class "H" cement to cover 7822' - 7602'. WOC and tag plug. (Covers Tubb.) POH.
5. RIH w/ csg cutters and cut 5 1/2" casing at approximately 6490'. POH and LD casing.
6. RIH w/ 2 3/8" tbg and spot 250' stub plug (approximately 75 sx Class "C") 50' in and 200' out of 5 1/2" casing. WOC & tag plug. (Covers Glorieta.)
7. Spot 220' shoe plug (approximately 100 sx Class "C") at 8 5/8" shoe @ 4391', 110' in and 110' out of 8 5/8" casing. Wait on cement and tag plug.
8. Spot 100' balance plug of 35 sx Class "C" cement from 3282' - 3182'. WOC and tag plug. (Top of Yates @ 3282'.)
9. Spot 100' balance plug of 35 sx Class "C" cement from 2200' - 1980'. WOC and tag plug (Top of Salt @ 2200'.)
10. Spot 100' balance plug of 35 sx Class "C" cement from 495' - 395'. WOC and tag plug. (Surface csg shoe @ 445'.)
11. Cut 8 5/8" and 13 3/8" casing 3' below ground level and spot 60' cement plug (approximately 40 sx) inside 8 5/8".
12. Install dry hole well marker and file subsequent regulatory reports.

The Oil Conservation Division **Must be notified**

I hereby certify that the information above is true and complete to the best of my knowledge and belief. The tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general ☐. **24 hours prior** to the beginning of plugging operations.

SIGNATURE Natalie Krueger TITLE Regulatory DATE August 18, 2009

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

For State Use Only

APPROVED BY: Mary Strawn TITLE Compliance Officer DATE 8/25/2009

Conditions of Approval (if any):



**STATE 16 No. 3 SWD
PLUGGING PROCEDURE
July 31, 2009**

PROCEDURE:

1. ND tree & flow well down. MIRU PU and NU BOP. Test BOP System. Deliver 2 3/8" workstring. Set flowback pit and frac tank for plug mud.
2. Unseat pkr. POH laying down injection tubing and pkr. Pick up and RIH with workstring and CIBP. Set CIBP at 11,422'. Spot 50' Class "H" cement on top of CIBP. WOC and tag plug. (Covers Strawn.) Circulate hole with 9 ppg mud. POH.
3. RU wireline and run GR-CCL from 10,000' to 4,300'. RIH w/ casing gun and perforate 4 squeeze holes @ 9900'. POH. RIH w/ work string and squeeze pkr and squeeze with 75 sx Class "H" cement to cover 9900' – 9680'. WOC and tag plug. (Covers Wolfcamp.) POH.
4. RIH w/ casing gun and perforate 4 squeeze holes @ 7822'. POH. RIH w/ work string and squeeze pkr and squeeze with 75 sx Class "H" cement to cover 7822' – 7602'. WOC and tag plug. (Covers Tubb.) POH.
5. RIH w/ csg cutters and cut 5 1/2" casing at approximately 6490'. POH and LD casing.
6. RIH w/ 2 3/8" tbg and spot 250' stub plug (approximately 75 sx Class "C") 50' in and 200' out of 5 1/2" casing. Wait on cement and tag plug. (Covers Glorieta.)
7. Spot 220' shoe plug (approximately 100 sx Class "C") at 8 5/8" shoe @ 4391', 110' in and 110' out of 8 5/8" casing. Wait on cement and tag plug.
8. Spot 100' balance plug of 35 sx Class "C" cement from 3282' – 3182'. WOC and tag plug. (Top of Yates @ 3282'.)
9. Spot 100' balance plug of 35 sx Class "C" cement from 2200' – 1980'. WOC and tag plug (Top of Salt @ 2200'.)
10. Spot 100' balance plug of 35 sx Class "C" cement from 495' – 395'. WOC and tag plug. (Surface csg shoe @ 445'.)
11. Cut 8 5/8" and 13 3/8" casing 3' below ground level and spot 60' cement plug (approximately 40 sx) inside 8 5/8".
12. Install dry hole well marker and file subsequent regulatory reports.

NOTIFY OCD/BLM of all operations in advance.

MUD: At least 25, 50#, sacks per 100 bbls of water and a minimum of 9 #/gal.

CEMENT: Use Class "H" on plugs below 7500'. Use Class "C" on plugs above 7500'. WOC and tag all plugs.

CIMAREX

Cut wellhead 3' below surface and
spot 60' plug inside and out 8 5/8"
100' Plug @ 445'
13 3/8" 48# H40 @ 445'
Cmt w/600 sx, circ 215 sx

100' Plug @ 2200'

100' Plug @ 3282'

8 5/8" 28# S-80 @ 4391'
Cmt w/ 1800 sx, circ 340 sx

220' Plug 1/2 in and 1/2 outside of csg

250' Plug 50' in and 200' outside of csg

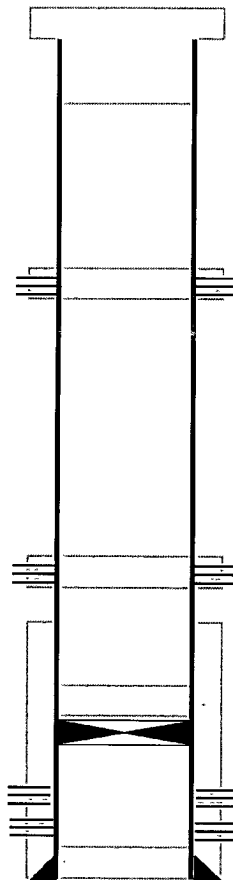
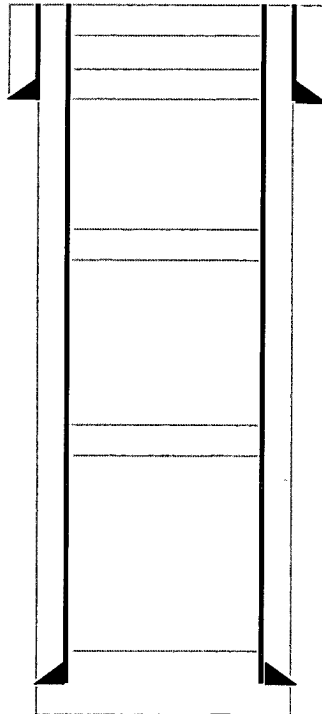
Cut 5 1/2" csg @ approx 6490'

Perforate @ 7822' and squeeze
220' of cement

Perforate @ 9900' and squeeze
220' of cement
TOC @ 10200' by CBL

CIBP 11422' with 50' cmt on top

5 1/2" 17# N80 & K55 @ 11890'
Cmt w/ 475 sx TOC @ 10200' by CBL



Cimarex Energy Co. of Colorado

State 16 No. 3

API 30-025-29796

1980' FSL & 660' FWL, Sec 16, T16S R37E

Lea County, NM

GL 3792.9' KB 3808' (15.1')

Proposed P&A

17 1/2" Hole to 445'

11" Hole to 4391'

Strawn Perfs: (Reports are not clear)
11472' - 83', 11504 1/2' - 11515'

7 7/8" Hole to 11930'

R. Morrison 8/04/2009