

Submit 3 Copies To Appropriate District
 Office
 District I
 1625 N French Dr., Hobbs, NM 87240
 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

RECEIVED
APR 01 2010
HOBBSOCD
 CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-30043 ✓
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. K 6806
7. Lease Name or Unit Agreement Name: STATE "16"
8. Well Number 004 ✓
9. OGRID Number 162683
10. Pool name or Wildcat LOVINGTON, NE (PENN)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,809.9' - GR
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input checked="" type="checkbox"/>
Pit type <u>STEEL</u> Depth to Groundwater _____ Distance from nearest fresh water well * _____ Distance from nearest surface water * _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material * <u>NONE WITHIN 1,000'</u>

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 ATTN: **ZENO FARRIS**

3. Address of Operator
600 N. MARIENFELD, SUITE 600, MIDLAND, TEXAS 79701

4. Well Location
 Unit Letter F : 1650 feet from the NORTH line and 2100 feet from the WEST line
 Section 16 Township 16S Range 37E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 3,809.9' - GR

Pit or Below-grade Tank Application or Closure

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

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material * NONE WITHIN 1,000'

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 COMPLETION

OTHER

SUBSEQUENT REPORT OF:

REMEDIAL WORK ALTERING CASING

COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT

CASING TEST AND 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.

- 1) POOH LD RODS; REL. OS @ 11,330' X POOH W/ TBG.; RIH W/ TBG. OE TO 11,330' X CIRC. WELL W/ PXA MUD.
- 2) PUMP A 25 SX. CMT. PLUG @ 11,330'; WOC X TAG CMT. PLUG; PUMP A 25 SX. CMT. PLUG @ 9,900'-9,700' (T/WC).
- 3) PUMP A 25 SX. CMT. PLUG @ 8,650'-8,450'; PERF. X ATTEMPT TO SOZ. 40 SXS; CMT. @ 6,550' (T/GLOR.); TAG
- 4) CUT X PULL 5-1/2" CSG. @ +/-3,600'; PUMP A 40 SX. CMT. PLUG @ 3,650' (CSG.STUB); WOC X TAG CMT. PLUG.
- 5) PUMP A 40 SX. CMT. PLUG @ 2,200' (T/ANHY.); WOC X TAG TOP OF CMT. PLUG.
- 6) PUMP A 40 SX. CMT. PLUG @ 480'-380' (8-5/8" CSG. SHOE). WOC - TAG
- 7) MIX X CIRCULATE TO SURFACE A 20 SX. CMT. PLUG @ 63'-3'.
- 8) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; WELD ON STEEL PLATE TO CASINGS X INSTALL DRY HOLE MARKER.

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 David A. Eyer TITLE AGENT DATE 03/29/10
 E-mail address: deyler@milagro-res.com
 Type or print name DAVID A. EYLER Telephone No. 432-687-3033

For State Use Only

APPROVED BY [Signature] TITLE STAFF MGR DATE 4-5-10

Conditions of Approval, if any: **THE OIL CONSERVATION DIVISION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS**



Cimarex Energy Co. of Colorado
STATE 16 No. 4
 API 30-025-30043
 1650 FNL 2100 FWL, Unit F
 Sec 16 T16S R37 E
 Lea County, NM

13 3/8" H-40 @ 426'
 Cmt w/ 450 sx,
 Circ 40 sx

8 5/8" , 28#, S-80 @ 4400'
 Cmt w/ 1650 sx
 Circ 120 sx

4" FL4S Liner @ 3669' - 7830'
 Liner Detail
 State 16 No. 4

Quantity	Description	Length
1	Weatherford 4" Upper SLP Liner Packer	3.08
121 fts	4" FL4S, 10,46#, J-55, Coated Liner	4153.20
1	Weatherford 4" Lower SLP Liner Packer	4.70
Total String Length		4160.98

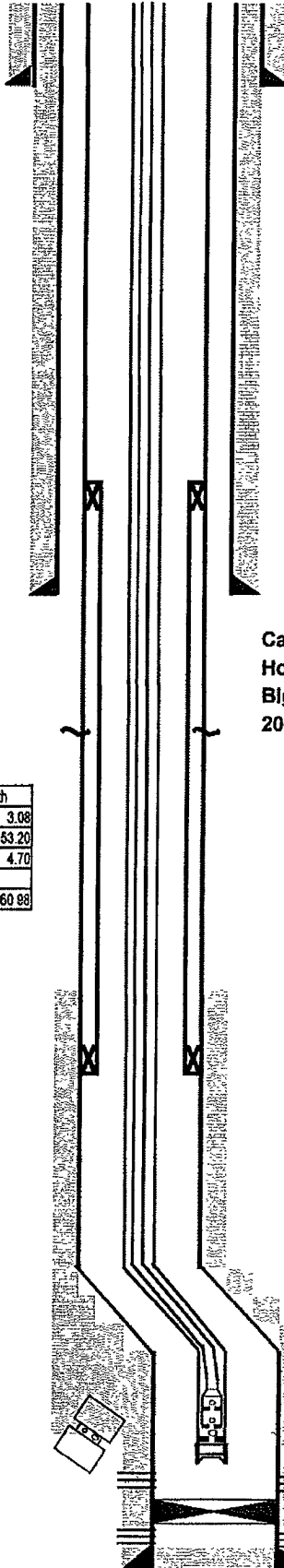
TOC @ 8240 by CBL

Cement plug 10,512' - 10,781'

Drill pipe fish @ 10,781' - 11,004'

5 1/2" , 17#, N-80 @ 12,084'
 Cmt w/ 840 sx

GL 3809
 KB



17 1/2" Hole to 426'

11" Hole to 4400'

Casing Inspection Log:
 Holes 3796' - 6842'
 Big Split 6719' - 6724'
 20% wall loss 7611' - 7614'

Tubing Detail
 State 16 No. 4

KB Correction 19.5

Quantity	Description	Length	Setting Depth
95 fts	2-7/8" 6.5# L-80 EUE 8rd tbq	3057.85	3077.15
1	2-7/8" x 2-3/8" crossover	0.40	3077.55
283 fts	2-3/8" 4.7# L-80 EUE 8rd tbq	8238.82	11316.37
1	2-3/8" 8rd SN	1.10	11317.47
1	2-3/8" EUE 8rd Perf Sub	4.00	11321.47
1	2-3/8" L-80 EUE 8rd tbq sub	8.00	11327.47
1	3-1/2" x 2-3/8" Ovenshot	2.12	11329.59
3 1/2 fts	2-3/8" 4.7# L-80 EUE 8rd tbq	109.35	11438.94
1	2-3/8" 8rd SN	1.10	11440.04
1	2-3/8" EUE 8rd Perf Sub	4.00	11444.04
1	2-3/8" EUE 8rd MA w/ 5 1/2" TAC	34.50	11478.54
Total String Length		11459.04	

Rod Detail
 State 16 No. 4

Quantity	Description	Length
1	1-1/2" x 26' PR	26.00
3	1" Pony Rod	20.00
104	1" rods	2600.00
111	7/8" rods	2775.00
223	3/4" rods	5575.00
8	1-1/2" Sinker bars	200.00
1	2" X 1-1/4" X 28' RHBC pump	28.00
Total String Length		11224.00

Perfs:
 11481' - 504' OAI
 CIBP @ 11506' (1989)

11512' - 588' OAI
 Sidetrack 7 7/8" Hole to 12,084'
 PBSD 12,034'

R Morrison 2010