

Submit 3 Copies To Appropriate District
Office
District I
1625 N French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88201
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
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

RECEIVED
SEP 30 2010
HOBSOCD

WELL API NO. 30-025-34626 ✓
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 Red Hills Unit ✓
8. Well Number 004 ✓
9. OGRID Number 162683 ✓
10. Pool name or Wildcat Red Hills; Devonian
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3387' GR

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
600 N. Marienfeld, Ste. 600; Midland, TX 79701

4. Well Location
SHL Unit Letter N : 454 feet from the South line and 1500 feet from the West line
Section 32 Township 25S Range 33E NMPM Lea County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3387' 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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input checked="" type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: Plug back and TA for Wolfcamp RC <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 currently completed in the Devonian with perfs @ 17468-17567' with Howo PLS packer @ 16910.' Well shut-in since 5/09. Cimarex proposes to abandon Devonian and Morrow and run MIT for Temporary TA to allow for partner approval, rig scheduling, frac dates, completion and production reporting.

- Acidize with 1000 gal 15% HCL double-inhibited.
- MIRU pulling unit. ND WH, NU BOP. Release Howco PLS packer at 16910'
- Scan tbg out of hole. RIH w 3 1/2" gauge ring to 17450'. Set CIBP @ 17400.'
- Load hole and break circulation w 9# brine w pkr fluid and O₂ scavenger. 10 bbl FW spacer. 10.5 bbl Class H 17400-16775.' PU to 16500' and reverse clean.
- Spot 25 sx Class H cement for balanced plug @ 1500-14861.' PU to 14300' and reverse clean. **STATE/OCD**
- Pressure test casing to 500 psi for 30 minutes and call BLM to witness test 24 hours prior.
- TOH w unnecessary tbg leaving 14300' in hole. Circulate and condition packer fluid.

Please see attached WBD. Request TA pending Wolfcamp recompletion (sundry to RC to be sent under separate cover).

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 Regulatory Analyst DATE September 29, 2010

Type or print name Natalie Krueger email address: nkrueger@cimarex.com Telephone No. 432-620-1936

For State Use Only

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

Conditions of Approval (if any):

Conditions of Approval: Notify OCD district office 24 hours prior to running the TA pressure test.

Red Hills Unit # 4
Temporarily Abandon Procedure
API # 3002534626000
454' FSL & 1500' FWL
Section 32, T25S, R33E
Lea County, New Mexico

Well Data:

KB	27' above GL
TD	17675'
PBTD	17628'
Casing	20" 94 & 106 # J-55 @ 892'. Cmtd w/ 1700 sx. Cmt circ. 13-3/8" 72 & 68 # P-110 and J-55 @ 4880' Cmtd w/ 2745 sx. Cmt circ. 9-5/8" 53.5 # P110 @ 13002' Cmtd w/ 1475 sx. 7" 38 # P110 @ 12750-17046' Cmtd w/ 585 sx. 4-1/2" 13.5 # P-110 @ 16827-17675'. Cmtd w/ 100 sx. Full Returns.
Perfs	Devonian (17468' -72', 17504'-22', 17530'-67')
BHT	268° F

Note: Will need lift sub and 17 joints of RTS-6 tubing for job (See Tubing Detail). Will need 20 joints of 2 3/8" J-55 tubing and crossover to run into 4 1/2" liner.

Procedure: Before RU Check for Permit Status
Notify OCD 24 hr before RU for Setting CIBP.

1. Before RU perform 1000 gal acid job W/ 15% HCL double inhibited.
2. MIRU pulling unit. ND WH, NU BOP. Release Howco PLS Packer @ 16910'.
3. Pick up extra tubing and lower packer to 17450'.
4. Scan tubing out of hole.
5. RIH W/ Gauge Ring to 17,450' (confirm gauge ring size W/ wireline company).
6. TIH W/ 4 1/2" Wireline set CIBP & set @ 17400'.
7. TIH W/ 2 7/8" Tubing to 16775' W/ 20 jts 2 3/8" Tailpipe to get in liner. Load hole and brake circulation W/ 9 # brine W/ packer fluid and O2 scavenger. Pump 10 BBL fresh water spacer. Spot 10.5 BBL Class H Cement from 17,400' – 16,775'.
8. Pull up to 16,500' and Reverse Clean.

9. Pull tubing up to 15000'. Pump 10BBL fresh water spacer. Spot 25 sack Class H Cement for balance Plug from 15,000 – 14,861'.
10. Pull up to 14300' and reverse clean.
11. Perform Casing Integrity test by pressuring to 500 psi for 30 min and charting for OCD. **NOTE: Call OCD to witness Casing Integrity Test.**
12. TOH W/ unnecessary tubing, laying down in singles, leaving +/- 14,300' in hole. RDMO.
13. Circulate and condition packer fluid.
14. Submit necessary regulatory paperwork.



Cimarex Energy Co. of Colorado

Red Hills Unit #4

454' FSL & 1500' FWL

Sec. 32, T-25-S, R-33E, Lea Co, NM

S. Gengler

05/04/2009



