

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. 30-045-11224
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. RCVD JAN 28 '08
7. Lease Name or Unit Agreement Name OIL CONS. DIV. Culpepper Martin SRC
8. Well Number 2 DIST. 3
9. OGRID Number 14538
10. Pool name or Wildcat Blanco Mesaverde

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
Burlington Resources Oil & Gas Company LP

3. Address of Operator
3401 E. 30th Street, Farmington, NM 87402

4. Well Location

Unit Letter P : 990 feet from the South line and 990 feet from the East line

Section 30 Township 32N Range 12W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
GL 5846.4

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: _____ mil 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: ☐

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.

Burlington requests permission to plug & abandon the following well according to the attached procedure and well bore diagram.

Well History: When the offset Culpepper Martin #1075 API 30-045-33490 well was being traced, the Culpepper Martin SRC 2 casing collapsed and the Mesaverde tubing started producing frac sand and coal. A current workover operation found the single string of tubing stuck. We have also run a downhole video to get a look at the wellbore, formation shows at 2146'.

Verbal approval to proceed with P&A per Charlie Perrin w/ NMOCD

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 Philana Thompson TITLE Regulatory Tech DATE 1/24/08

Type or print name Philana Thompson E-mail address: thomppp@conocophillips.com Telephone No. 505-326-9530

For State Use Only

Deputy Oil & Gas Inspector,
District #3

APPROVED BY: H. Villanueva TITLE _____ DATE JAN 28 2008

Conditions of Approval (if any):

8

PLUG AND ABANDONMENT PROCEDURE

January 24, 2008

Culpepper-Martin SRC #2

Blanco Mesaverde

990' FSL, 990' FEL, Section 30, T32N, R12W
San Juan County, New Mexico, API 30-045-11224

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. Project will require a Pit Permit (C103) from the NMOCD.
2. Install and test rig anchors. Prepare waste fluid holding pit. Comply with all NMOCD, BLM and hCOP safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. TOH and tally 2.375" tubing. Visually inspect tubing and if necessary use a workstring. Round trip 7" casing scraper to 2100', or as deep as possible. Pump water down the tubing to fill the 7" casing (capacity 87 bbls) and attempt to establish circulation to surface.
4. **Plug #1 (Mesaverde Interval, 7" casing shoe, 5" liner top and Pictured Cliffs top, 2175' – 2050')**: TIH and set a 7" CR at 2100'. Load the casing with water and circulate well clean. Pressure test casing to 800#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 75 sxs Type G cement and attempt to hesitate squeeze 55 sxs below CR and outside 7" casing and leave 20 above CR.
5. **Plug #2 (Fruitland top, 1755' – 1605')**: Perforate 3 squeeze holes at 1755'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 7" cement retainer at 1705'. Establish rate into squeeze holes. Perforate 3 squeeze holes at 1655'. Attempt to establish rate into squeeze holes if casing tested. Mix and pump 86 sxs cement, squeeze 46 sxs outside the casing and leave 40 sxs inside casing to cover the Fruitland interval. POH with tubing.
6. **Plug #3 (Kirtland and Nacimiento tops, 10.75" Surface casing shoe, surface, 370' – 0')**: Perforate 3 squeeze holes at 370'. Establish circulation out bradenhead with water. Circulate the BH annulus clean. Mix and pump approximately 190 sxs cement down 7" casing to circulate good cement out the bradenhead. Shut in well and WOC.
7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

OCD -

Culpepper-Martin SRC #2

Proposed P&A Blanco Mesaverde

API #30-045-11224

990' FSL, 990' FEL, Section 30, T-32-N, R-12-W, San Juan County, NM

Today's Date: 1/22/08

Spud: 4/21/50

Original Completion: 5/30/50

Deepened: 10/22/51

Elevation. 5846' GL
5854' KB

Nacimiento @ 305' *

Ojo Alamo not present *

Kirtland @ 320' *

*Per Chip Harraden, BLM

Fruitland @ 1705'

Pictured Cliffs @ 2168'

Mesaverde @ 3765'

Gallup @ 4823'

Dakota @ 6769'

13" hole

9" Hole

6.25" Hole

10 75", 32.75# Casing set @ 173'
Cement with 150 sxs, circulated

Perforate @ 370'

Plug #3: 370' - 0'
Type G cement, 190 sxs

Perforate @ 1655'

Plug #2: 1755' - 1605'
Type G cement, 86 sxs
40 inside and 46 outside

Set CR @ 1705'

Perforate @ 1755'

Set CR @ 2100'

Plug #1: 2175' - 2050'
Type G cement, 75 sxs:
55 below CR and outside
casing and 20 above CR

Camera showed casing parted
at 2148'. Milled out a 5' piece
Of 7" casing (2008)

Top of fill @ 2175' (2008)

TOL @ 3367

7" TOC @ 3367' (Calc, 75%)

5.5" TOC @ 3533' (T.S.)

Squeezed TOL w/125 sxs,
TOC at 4404'

7" 20#, J-55 Casing set @ 4508'
Cement with 225 sxs

Mesaverde Perforations:
4600' - 4800'

CIBP @ 4795' with 1 sxs above (1956)

50 sxs Cmt Plug; TOC 6545'

Dakota Perforations:
6735' - 6753'

50 sxs Cmt Plug; TOC 6545'

5" 15.5#, J-55 Casing set @ 6753' - 3367'
Cement with 50 sxs

TD 7015'
PBTD 4791'

Culpepper-Martin SRC #2

Current Blanco Mesaverde

API #30-045-11224

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