

## State of New Mexico

Energy, Minerals and Natural Resources

Form C-103

June 19, 2008

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-045-07810

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil &amp; Gas Lease No.

7. Lease Name or Unit Agreement Name

Mangum

8. Well Number

3

9. OGRID Number

14538

10. Pool name or Wildcat

Fulcher Kutz PC

## 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 &amp; GAS COMPANY LP

3. Address of Operator

PO Box 4298, Farmington, NM 87499

4. Well Location

Unit Letter J : 1650 feet from the South line and 1650 feet from the East lineSection 28 Township 29N Range 11W NMPM San Juan

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

## 12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

## NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐DOWNHOLE COMMINGLE ☐PLUG AND ABANDON ☐CHANGE PLANS ☐MULTIPLE COMPL ☐OTHER ☐

## SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐COMMENCE DRILLING OPNS. ☐CASING/CEMENT JOB ☐ALTERING CASING ☐P AND A ☒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.

See attached P&amp;A report.

11-4-09

RCVD DEC 2 '09

OIL CONS. DIV.

DIST. 3

Approved for plugging of wellbore only.  
Liability under bond is retained pending  
Receipt of C-103 (Subsequent Report of Well  
Plugging) which may be found @ OCD web page  
under forms.  
[www.emnrd.state.us/oed](http://www.emnrd.state.us/oed)

SPUD DATE:

7/31/1947

RIG RELEASE DATE:

11/4/09

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

TITLE

Staff Regulatory Technician

DATE

8/12/2009

Type or print name

Rhonda Rogers

E-mail address:

rogers@conocophillips.com

PHONE:

505-599-4018

For State Use Only

APPROVED BY

TITLE

Deputy Oil & Gas Inspector,  
District #3

DATE

DEC 10 2009

Conditions of Approval (if any):

PNR ONLY

# A-PLUS WELL SERVICE, INC.

P.O. BOX 1979

Farmington, New Mexico 87499

505-325-2627 \* fax: 505-325-1211

**Burlington Resources**

Mangum #3

November 9, 2009

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1650' FSL & 1650' FEL, Section 28, T-29-N, R-11-W

San Juan Country, NM

Lease Number: Fee

API#30-045-07810

## Plug and Abandonment Report

Notified NMOCD and BLM on 11/2/09

### Plugging Summary:

- 11/02/09 Level ground and spot rig. Dig out wellhead 2'. No outlets on 5.5" casing. Will need to hot tap 5.5" casing. Cellar full of cement, unable to find bradenhead or 16" casing. Let rig-up truck spot equipment, tight location. RU rig and cement equipment. Check well pressures: casing and tubing, 38 PSI. Lay relief lines to pit. Blow well down. ND wellhead. NU BOP and companion flange, test. TOH and tally 50 joints 1.5" IJ 2.7# tubing. Total tally: 1624'. SI well SDFD.
- 11/03/09 Check well pressures: casing, 38 PSI; no tubing in well. Blow well down. Round trip 2.80" gauge ring to 1600'. TIH with 3.5" PlugWell CIBP and set at 1591'. TIH with tubing and tag CIBP at 1591'. Load the hole with 14 bbls of water. Pressure test casing to 800 PSI, held OK for 15 minutes.  
**Plug #1** with CIBP at 1591', spot 5 sxs Class B cement (5.9 cf) inside casing above CIBP up to 1470' to cover the Pictured Cliffs top.  
TOH with tubing. Perforate 2 bi-wire holes at 1320'. Load the hole with 4 bbls of water. Establish rate into squeeze holes 1-1/2 bpm at 800 PSI. TIH with 3.5" PlugWell cement retainer and set at 1267'. Sting into cement retainer at 1267'. Establish rate into squeeze holes 1-1/2 bpm at 1000 PSI.  
**Plug #2** with cement retainer at 1267', mix and pump 56 sxs Class B cement (66.0 cf), squeeze 52 sxs below the cement retainer and leave 4 sxs inside casing above the cement retainer up to 1170' to cover the Fruitland top.  
TOH with tubing. Perforate 2 bi-wire holes at 621'. Load the hole with 1-1/4 bbls of water. Establish rate into squeeze holes 1/2 bpm at 1400 PSI. Wait on orders from NMOCD. TIH with 3.5" PlugWell cement retainer and set at 587'. Sting into cement retainer.  
**Plug #3** with cement retainer at 587', mix and pump 93 sxs Class B cement (109.7 cf), squeeze 86 sxs below the cement retainer, well locked up at 2000 PSI; sting out of cement retainer and dump 7 sxs on cement retainer inside casing to cover the Kirtland top.  
PUH to 490'. Circulate well clean. Circulate out 1/2 bbl cement. TOH with tubing and LD stinger. SI well. SDFD.
- 11/04/09 Open up well, no pressure. Perforate 2 bi-wire holes at 476'. Load the hole with 3/4 bbl of water. Establish rate into squeeze holes 1/16 bpm at 1500 PSI. Wait on orders. Kelly Roberts, NMOCD representative, approved procedure change to perforate at 456'. Perforate 2 bi-wire holes at 456'. Establish rate into squeeze holes 1-1/2 bpm at 500 PSI. TIH with 3.5" PlugWell cement retainer and set at 424'. Sting into cement retainer at 424'.  
**Plug #4** with cement retainer at 424', mix and pump 202 sxs Class B cement (238.37 cf), squeeze 198 sxs below the cement retainer and leave 4 sxs inside casing above cement retainer up to 327' to cover the Ojo Alamo top.  
TOH and LD all tubing. Perforate 2 bi-wire holes at 90'. Establish rate into squeeze holes 1-1/2 bpm at 300 PSI. ND BOP and companion flange. RD rig. Let backhoe dig out wellhead and find 16" casing 5' below surface. Issue Hot Work Permit. Monitor well. Hot tap 5.5" casing. Load hole with 9 bbls of water and establish circulation out the bradenhead.  
**Plug #5** mix and pump 97 sxs Class B cement (114.4 cf) from 90' to surface, circulate good cement out the bradenhead.  
Cut off wellhead. Found cement at surface in the 3.5" casing, 5.5" casing and bradenhead annulus. Install P&A marker with 26 sxs Class B cement. RD rig cementing equipment. Cut off anchors. MOL.

Jimmy Morris, MVCI representative, was on location.