

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
Jun 19, 2008

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.

30-045-07806

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

FEE

7. Lease Name or Unit Agreement Name

Mangum

8. Well Number 2

9. OGRID Number

14538

10. Pool name or Wildcat

Fulcher Kutz Pictured Cliffs

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

P.O. Box 4289, Farmington, NM 87499-4289

4. Well Location

Unit Letter **K** : **1650** feet from the **South** line and **1650** feet from the **West** line

Section **28** Township **29N** Range **11W** NMPM **San Juan** County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5438' 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 ☐
DOWNHOLE COMMINGLE ☐

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.

The subject well is part of the proposed Mangum SRC 1 R & A program. The attached revised procedure replaces the procedure filed with the P&A NOI submitted on 3/23/2016.

Notify NMOC 24 hrs
prior to beginning
operations

OIL CONS. DIV DIST. 3

Spud Date:

Rig Released Date:

MAY 18 2016

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

SIGNATURE Dollie L. Busse TITLE Regulatory Technician DATE 5/16/16

Type or print name Dollie L. Busse E-mail address: dollie.l.busse@conocophillips.com PHONE: 505-324-6104

For State Use Only

APPROVED BY:

[Signature]

TITLE

DEPUTY OIL & GAS INSPECTOR
DISTRICT #3

DATE 6/1/16

Conditions of Approval (if any):

6 to
new

ConocoPhillips
MANGUM 2
Expense - P&A

Lat 36° 41' 38.508" N

Long 107° 59' 58.92" W

PROCEDURE

NOTE: Pull tubing with coiled tubing unit prior to moving workover rig in.

This project requires the use of a steel tank to handle waste fluids circulated from the well and cement wash up.

Prior to commencing abandonment operations, ensure that the bradenhead valve is dug out and properly plumbed to the surface. Record the casing, intermediate and bradenhead pressures with an appropriately ranged gauge. Contact the Engineer if bradenhead pressure is present (per Exhibit "A-3").

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COP safety and environmental regulations. Test rig anchors prior to moving in rig.

2. Prior to MIRU workover rig, RU coiled tubing unit. TOOH with tubing (per pertinent data sheet). RD coiled tubing unit.

Tubing size: 1-3/4" Coiled Tubing

Set Depth: 1,586'

KB: 10.0'

3. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in WellView. **If there is pressure on the BH, contact the Wells Engineer (per Exhibit "A-3").**

4. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.

5. ND wellhead and NU BOPE. Pressure and function test BOP to 250 psi low and 1000 psi over SICP high to a maximum of 2000 psi held and charted for 10 minutes per COP Well Control Manual.

6. RU wireline. Run gauge ring for 3-1/2" 9.2# casing as deep as possible above top perforation at 1,552'. If unable to run gauge ring, contact Wells Engineer. PU 3-1/2" CIBP on wireline, and set at 1,502'.

7. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate.

8. RU wireline and run CBL with 500 psi on casing from CIBP at 1,502' to surface to identify TOC. Adjust plugs as necessary for new TOC. *Email log copy to Wells Engineer, Troy Salyers (BLM) at tsalyers@blm.gov, and Brandon Powell (NMOCD) at brandon.powell@state.nm.us upon completion of logging operations.*

All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class B mixed at 15.6 ppg with a 1.18 cf/sk yield.

9. Plug 1 (Perforations, and Pictured Cliffs formation top, 1402-1502', 7 sacks Class B cement)

Mix 7 sx Class B cement and spot a balanced plug inside the casing to cover the perforations, and Pictured Cliffs top. TOOH.

10. Roll the hole with water and ensure that the wellbore is in a stabilized condition with no flow of gas and/or water before spotting the next plug. If flow occurs, the fluid weight must be increased until a stabilized condition is established (per Exhibit "A-3").

11. Plug 2 (Fruitland formation top, 978-1078', 65 sacks Class B cement)

RIH and perforate 3 squeeze holes at 1,078'. Establish injection rate into squeeze holes. RIH with a 3-1/2" CR and set at 1,028'. Mix 65 sx Class B cement. Squeeze 58 sx outside the casing, leaving 7 sx inside the casing to cover the Fruitland top. TOOH.

12. Cease operations for 30 minutes allowing the bradenhead to be observed for pressure build. Record pressures with crystal gauge for accuracy. If pressures are observed, notify Wells Engineer and Production Engineering for path-forward discussion with NMOCD (per Exhibit "A-3").

13. Plug 3 (Kirtland and Ojo Alamo formation tops, 220-457', 424 sacks Class B cement)

RIH and perforate 3 squeeze holes at 457'. Establish injection rate into squeeze holes. RIH with a 3-1/2" CR and set at 407'. Mix 424 sx Class B cement. Squeeze 411 sx outside the casing, leaving 13 sx inside the casing to cover the Kirtland and Ojo Alamo tops. TOOH.

Continued on next page

ConocoPhillips
MANGUM 2
Expense - P&A

Lat 36° 41' 38.508" N

Long 107° 59' 58.92" W

PROCEDURE (continued)

14. Plug 4 (Surface plug, 10-103', 178 sacks Class B cement)

RU WL and perforate 4 big hole charge (if available) squeeze holes at 103'. TOOH and RD wireline. **Observe well for 30 minutes per BLM regulations.** RU pump, close blind rams and establish circulation out bradenhead with water. Circulate BH clean. Mix 178 sx Class B cement and squeeze until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi. SI well and WOC.

15. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. RDMO.

Exhibit "A-3"

To Final Agreement - Withdrawal of Notice of Violation (3-15-02)
dated May 4, 2016 from ConocoPhillips Company to NMOCD

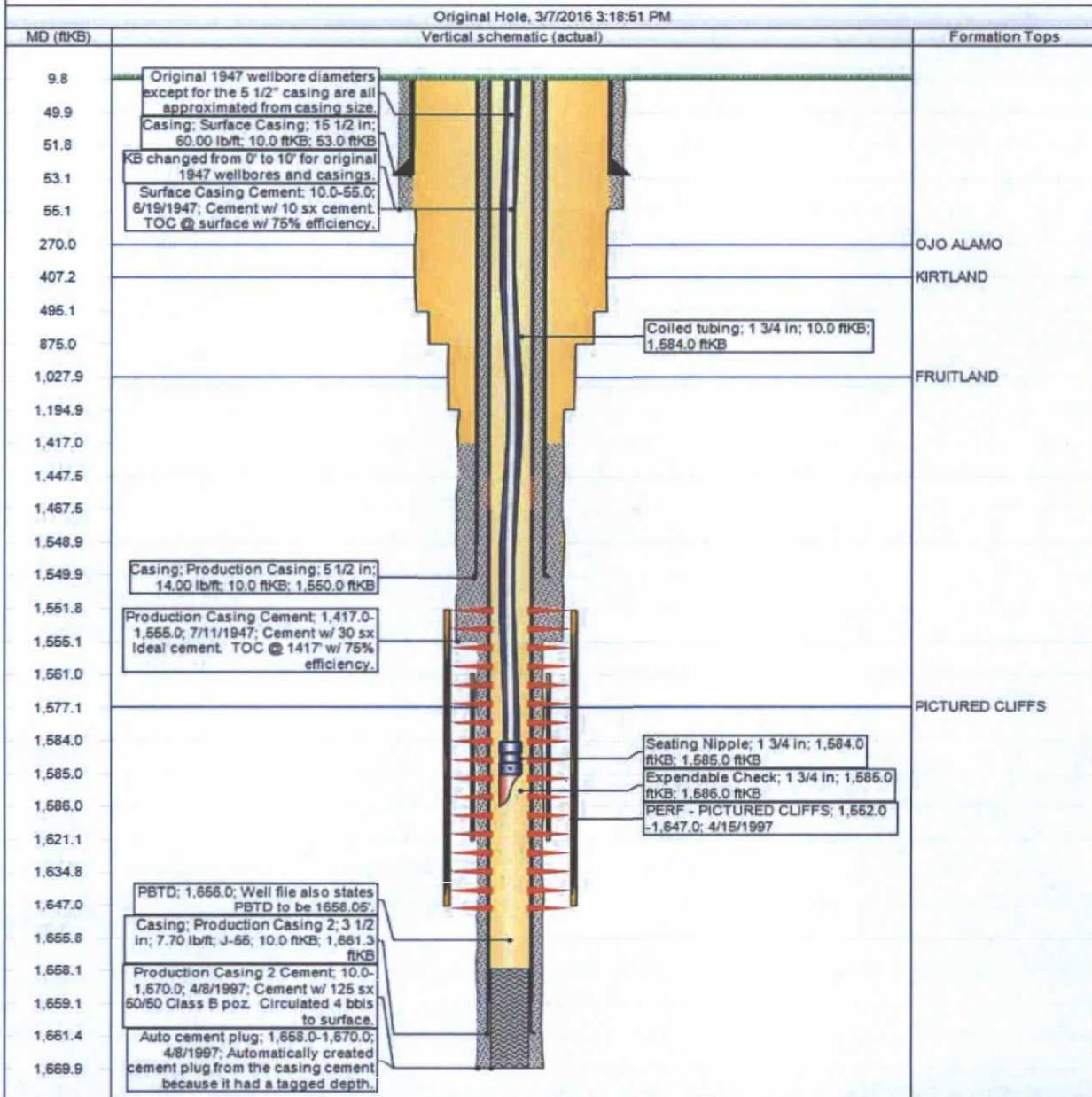
Updated Abandonment Procedures

The following procedural changes will be required for the P&A Program:

- 1) Prior to commencing abandonment operations, ensure that the bradenhead valve is dug out and properly plumbed to the surface. Record the casing, intermediate and bradenhead pressures with an appropriately ranged gauge. Contact the Engineer if bradenhead pressure is present. After the last set of completion perforations are abandoned with cement, roll the hole with water and ensure that the wellbore is in a stabilized condition with no flow of gas and/or water before spotting the next plug. If flow occurs, the fluid weight must be increased until a stabilized condition is established.
- 2) Following the plug over the Fruitland Formation Top, and prior to the plug over the Kirtland and Ojo Alamo Tops:
 - a. Operations will cease for 30 minutes allowing the Bradenhead to be observed for pressure build.
 - b. Pressures will be recorded with a crystal gauge for accuracy.
 - c. If pressures are observed, notify Wells Engineer and Production Engineering for path-forward discussion with NMOCD.
- 3) Within 24 hours of the abandonment and after two weeks, BLM will check for the presence of gas at the base of the dry hole marker and at the weep hole. Note ambient weather conditions when recording the results. If gas is detected, contact the Engineer.
- 4) If a Cathodic Protection well is on the well pad, check for the presence of gas at the vent cap. If gas is present, record results in AFMSS and contact the Engineer.

Note: when checking any sample point for the presence of gas, please be prepared for the possibility of anomalous pressure and the H₂S gas.

District NORTH	Field Name FULCHER KUTZ P.C. (GAS) #0215	API / UWI 3004507806	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 6/19/1947	Surface Legal Location 028-029N-011W-K	East/West Distance (ft) 1,650.00	East/West Reference FWL	North/South Distance (ft) 1,650.00
				North/South Reference FSL



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