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

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

Form C-103
Jun 19, 2008

WELL API NO. **30-045-07809**

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No. FEE

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.)

7. Lease Name or Unit Agreement Name **Mangum**

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

8. Well Number **4**

2. Name of Operator **Burlington Resources Oil Gas Company LP**

9. OGRID Number **14538**

3. Address of Operator P.O. Box 4289, Farmington, NM 87499-4289

10. Pool name or Wildcat **Basin Dakota**

4. Well Location
Unit Letter **K** : **1750** feet from the **South** line and **1770** 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:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
OTHER:	☐			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 P&A program. The attached revised procedure replaces the procedure filed with the P&A NOI submitted on 5/26/2015.

Notify NMOCD 24 hrs prior to beginning operations

OIL CONS. DIV DIST. 3
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 5/18/16

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: Brandon Powell TITLE DEPUTY OIL & GAS INSPECTOR DISTRICT #3 DATE 6/1/16

Conditions of Approval (if any):

ConocoPhillips

MANGUM 4

Expense - P&A

UPDATED ON 3/11/2016 FOR OCD COA's and 5/17/16 for Final COA's

Lat 36° 41' 39.516" N Long 107° 59' 57.408" W

PROCEDURE

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. **Before RU, run slickline to remove downhole equipment. If an obstruction is found, set a locking-3-slip-stop in the tubing.**

2. 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.**

3. 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.

4. 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. PU and remove tubing hanger.

5. TOOH with tubing (per pertinent data sheet).
Tubing size: 2-3/8" 4.7# J-55 EUE **Set Depth:** 6,117' **KB:** 11'

6. PU 3-7/8" bit and watermelon mill and round trip as deep as possible above top perforation at 6,033'.

7. PU 4-1/2" CR on tubing, and set at 5,983'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, spot or tag subsequent plugs as appropriate. POOH with tubing.

8. RU wireline and run CBL with 500 psi on casing from CR at 5,983' 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 - Dakota Perforations, Dakota and Graneros Formation Tops, 5883' - 5983', 12 Sacks Class B Cement
Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Dakota perforations, Dakota and Graneros top. PUH

10. Roll the hole with water and ensure 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 - Gallup Formation Top, 5113' - 5213', 12 Sacks Class B Cement
Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Gallup top. POOH

12. Plug 3 - Mancos Formation Top, 4215' - 4315', 51 Sacks Class B Cement
RIH and perforate 3 squeeze holes at 4,315'. Establish injection rate into squeeze holes. RIH with a 4-1/2" CR and set at 4,265'. Mix 51 sx Class B cement. Squeeze 39 sx outside the casing, leaving 12 sx inside the casing to cover the Mancos top. PUH.

13. Plug 4 - Mesaverde Formation Top, 3090' - 3190', 51 Sacks Class B Cement
Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Mesaverde top. PUH.

14. Plug 5 - Chacra Formation Top, 2519' - 2619', 12 Sacks Class B Cement
Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Chacra top. PUH.

15. Plug 6 - Pictured Cliffs Formation Top, 1499' - 1599', 12 Sacks Class B Cement
Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliffs top. POOH.

16. Plug 7 - Fruitland Formation Top, 1160' - 1260', 12 Sacks Class B Cement
Mix 12 sx Class B cement and spot a balanced plug inside the casing to cover the Fruitland top. POOH.

16. 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").

16. Plug 8 - Surface Plug, Ojo Alamo and Kirtland Formation tops, 0' - 517', 198 Sacks Class B Cement
RU WL and perforate 4 big hole charge (if available) squeeze holes at 517'. 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. TIH with 4-1/2" CR and set at 467'. Mix 155 sx Class B cement and squeeze until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi. Sting out of CR and reverse circulate cement out of tubing. TOOH and LD stinger. TIH with open ended tubing to 467'. Mix 43 sx Class B cement and pump inside plug. TOOH and LD Tubing. SI well and WOC.

17. 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.

Basic- Schematic - Current

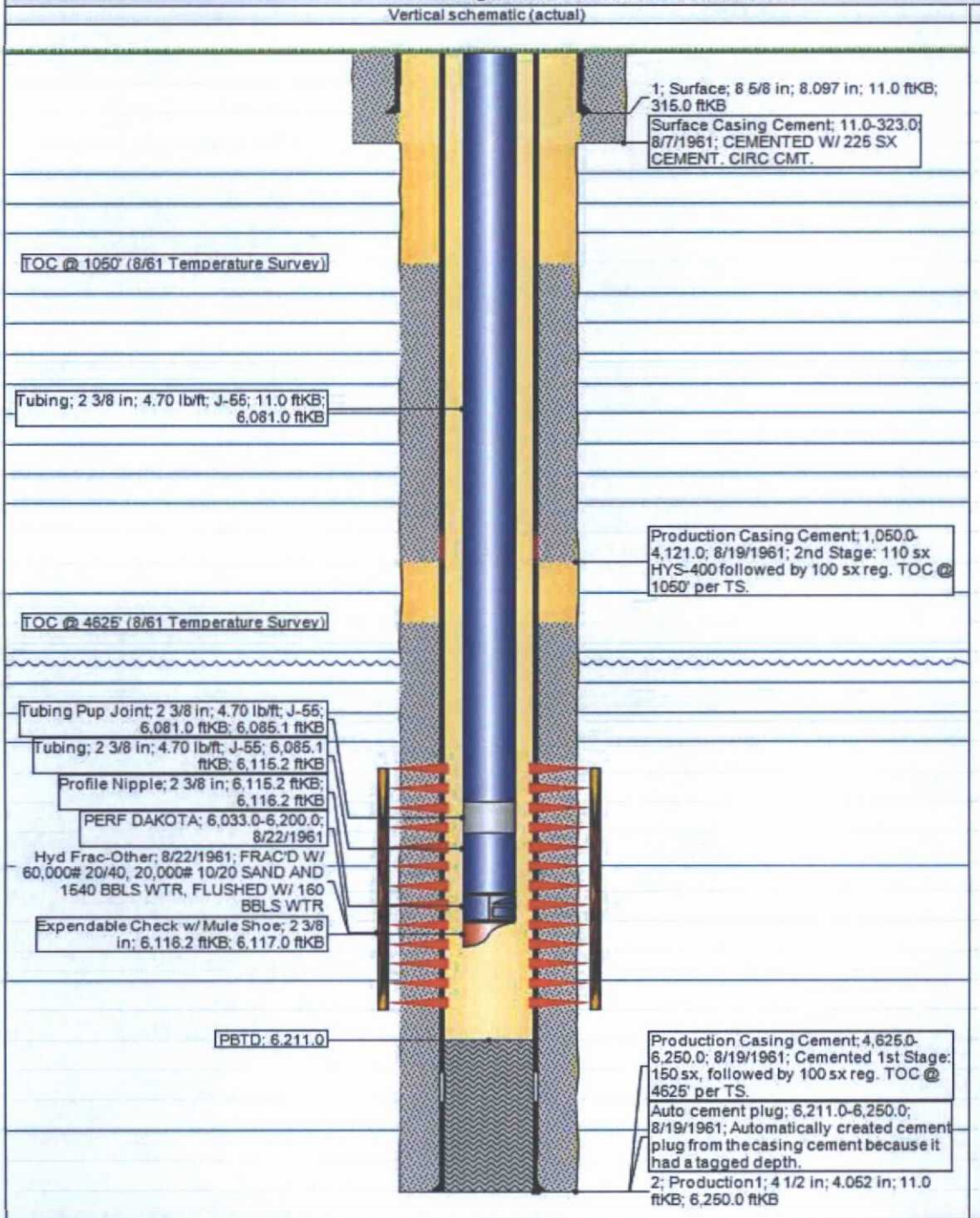
ConocoPhillips

MANGUM #4

District	Field Name	API / UWI	County	State/Province
NORTH	BASIN DAKOTA (PRORATED GAS)	3004507809	SAN JUAN	NEW MEXICO

Original Spud Date	Surface Legal Location	East/West Distance (ft)	East/West Reference	North/South Distance (ft)	North/South Reference
8/6/1961	028-029N-011W-K	1,770.00	FWL	1,750.00	FSL

Original Hole, 3/11/2016 1:29:04 PM



MD (ftKB)	Formation Tops
11.2	
314.0	
315.0	
323.2	
377.0	OJO ALAMO
467.8	KIRTLAND
1,029.9	FRUITLAND
1,049.9	
1,284.1	FRUITLAND C...
1,549.9	PICTURED CLI...
1,717.8	LEWIS
2,569.9	CHACRA
3,140.1	UPPER CLIFF...
3,211.9	MASSIVE CLIF...
3,259.8	MENEFEE
3,930.1	POINT LOOKO...
4,120.1	
4,121.1	
4,288.1	MANCOS
4,625.0	
5,163.1	GALLUP
5,929.1	GREENHORN
5,987.9	GRANEROS
6,032.2	TWO WELLS (...
6,033.1	
6,081.0	
6,085.0	
6,113.8	PAGUATE
6,115.2	
6,116.1	
6,117.1	
6,164.0	CUBERO
6,200.1	
6,211.0	
6,212.9	
6,213.9	
6,215.9	ENCINAL
6,249.0	
6,250.0	

Report Printed: 3/11/2016

Basic- Schematic - PROPOSED

ConocoPhillips

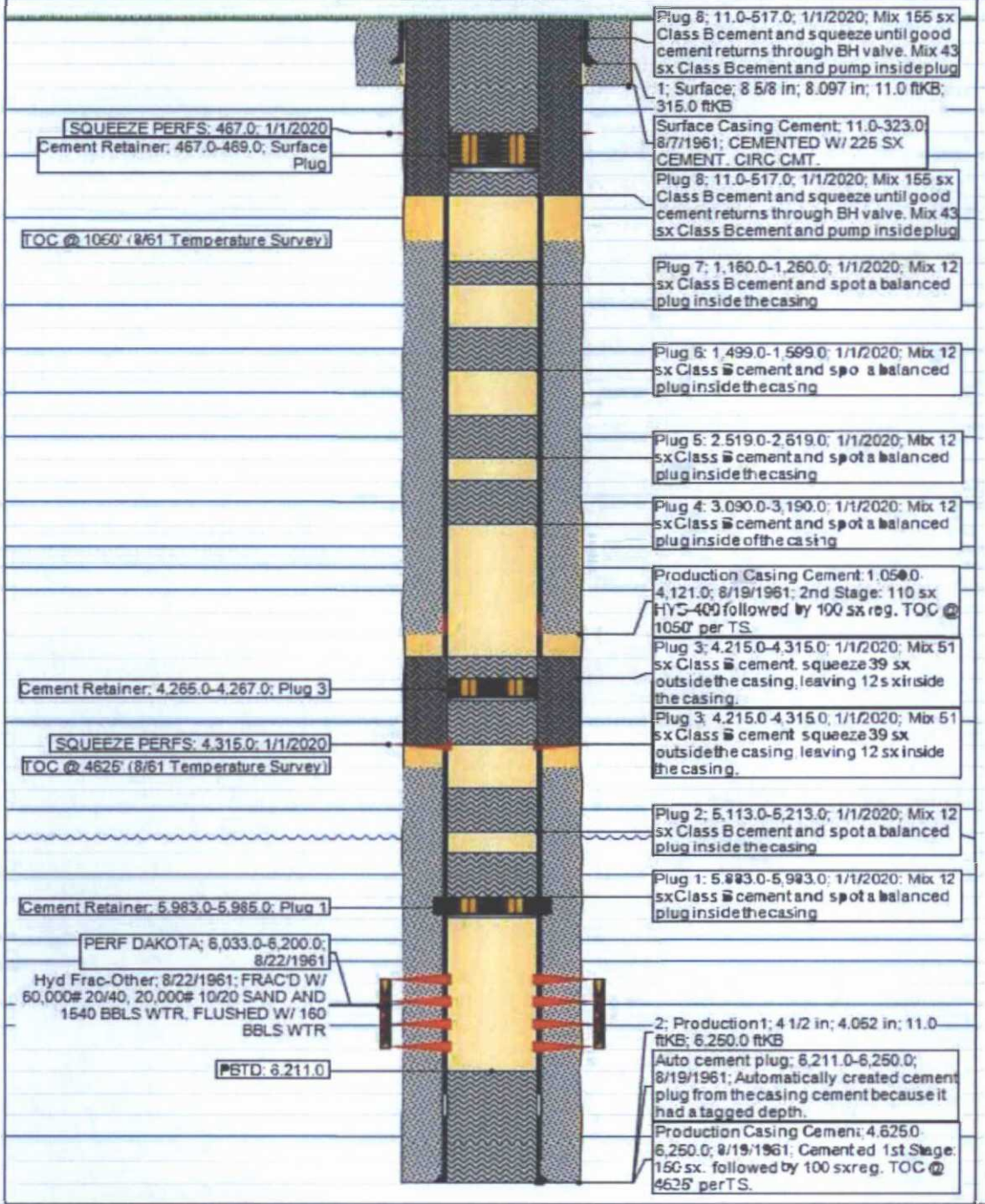
MANGUM #4

District	Field Name	API / UWI	County	State/Province
NORTH	BASIN DAKOTA (PRORATED GAS)	3004507809	SAN JUAN	NEW MEXICO

Original Spud Date	Surface Legal Location	East/West Distance (ft)	East/West Reference	North/South Distance (ft)	North/South Reference
8/6/1961	028 0 9N-011W-K	1,770.00	FWL	1,750.00	FSL

Original Hole, 1/1/2020 12:30:00 PM

Vertical schematic (actual)



MD (ftKB)	Formation Tops
11.2	
315.0	
377.0	OJO ALAMO
467.8	KIRTLAND
517.1	
1,049.9	FRUITLAND
1,259.8	
1,499.0	FRUITLAND C...
1,599.1	PICTURED CLI...
2,519.0	LE IS
2,619.1	CHACRA
3,140.1	UPPER CLIFF...
3,211.9	MASSIVE CLIF...
3,930.1	MENEFEE POINT LOOKO...
4,121.1	
4,265.1	
4,288.1	MANCOS
4,625.0	
5,163.1	GALLUP
5,88 .9	
5,982.9	GREENHORN
5,987.9	GRANEROS TWO WELLS (...
6,033.1	
6,164.0	PAGUATE CUBERO
6,211.0	
6,213.9	
6,249.0	ENCINAL

Report Printed: 3/11/2016