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. **30-045-07842**

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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 SRC**

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

8. Well Number **1**

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 **Fulcher Kutz PC**

4. Well Location
Unit Letter **I** : **2310** feet from the **South** line and **990** feet from the **East** line
Section **29** Township **29N** Range **11W** NMPM **San Juan** County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 5401' 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.

OIL CONS. DIV DIST. 3

JUN 26 2015

Notify NMOCD 24 hrs prior to beginning operations

ConocoPhillips requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. A Closed Loop System will be used on Location for this P&A.

✳ **Well is under review/enforcement for a groundwater concern due to gas commingled with the water formations in the bradenhead.**
Perform the following actions within 90days of approval and submit the results for evaluation.
- Perform a groundwater investigation including monitor well/s in the vicinity of the well bore to ensure there has been no lateral gas migration into the water formations.
  - The monitor well plan must be approved prior to implementation.

✳ **Plug adjustments**
- Move Fruitland plug from 1135'-1235'
- Change to condition in Plug #4 "If unable to circulate cement out of BH valve, sting out of CR and reverse out of tubing. SI well and WOC. Run CBL to determine TOC and contact Wells Engineer for further direction" If cement does not circulate report to the OCD and a path forward will be evaluated.

This approval does not relieve Burlington from any other obligation pursued under other enforcement actions

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

SIGNATURE Arleen White TITLE Staff Regulatory Technician DATE 6/24/15

Type or print name Arleen White E-mail address: arleen.r.white@conocophillips.com PHONE: 505-326-9517

For State Use Only

APPROVED BY: Brandon Powell TITLE DEPUTY OIL & GAS INSPECTOR DISTRICT #3 DATE 7/17/15

Conditions of Approval (if any): *see above

4

4/8

ConocoPhillips
MANGUM SRC 1
Expense - P&A

Lat 36° 41' 44.844" N **Long 108° 0' 31.356" W**

PROCEDURE

NOTE:

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

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

2. MIRU workover rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. **Anticipate pressure on the BH, contact the Wells Engineer to confirm pressures.**

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 1,000 psi over SICP high to a maximum of 2,000 psi held and charted for 10 minutes as per COP Well Control Manual.

5. PU 2-3/4" bit and watermelon mill on workstring and round trip as deep as possible above top perforation at 1,493'.

6. PU 3-1/2" CR on workstring, and set a 1,443'. Pressure test workstring to 1,000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. *If casing does not test, then spot or tag subsequent plugs as appropriate.* POOH w/ tubing.

7. RU wireline and run CBL with 500 psi on casing from CR to surface to identify TOC. *Adjust plugs as necessary for new TOC. Email log copy to 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.

NOTE: Monitor bradenhead pressures and gas content during operations. H2S has been reported in BH gas during some testing and operations. Report status of BH gas flows during all operations.

8. Plug 1 (Pictured Cliffs Formation Top and Perforations, 1,343-1,443', 8 Sacks Class B Cement)
Mix 8 sx Class B cement and spot a balanced plug inside the casing to cover the Pictured Cliff perforations and formation top. POOH.

9. Plug 2 (Fruitland Formation Top, ~~900-1,000'~~, 154 Sacks Class B Cement)
RIH and perforate 3 squeeze holes at 1,000'. Establish injection rate into squeeze holes. RIH with a 3-1/2" CR and set at 950'. Mix 154 sx Class B cement. Squeeze 146 sx outside the casing, leaving 8 sx inside the casing to cover the Fruitland formation top. POOH.

10. Plug 4 (Ojo Alamo and Kirtland Formation Tops, Surface Casing Shoe and Surface, 0-448', 816 Sacks Class B Cement)
RU WL and perforate 4 big hole charge (if available) squeeze holes at 448'. 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 3-1/2" CR and set at 398'. Mix 796 sx Class B cement and squeeze until good cement returns to surface out BH valve. Shut BH valve and squeeze to max 200 psi. **If unable to circulate cement out of BH valve, sting out of CR and reverse out of tubing. SI well and WOC. Run CBL to determine TOC and contact Wells Engineer for further direction.** If cement circulated out of BH valve, sting out of CR and reverse circulate cement out of tubing. TOOH and LD stinger. TIH with open ended tubing to 398'. Mix 20 sx Class B cement and pump inside plug. TOOH and LD Tubing. SI well and WOC.

11. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. Rig down, move off location, cut off anchors, and restore location.

ConocoPhillips

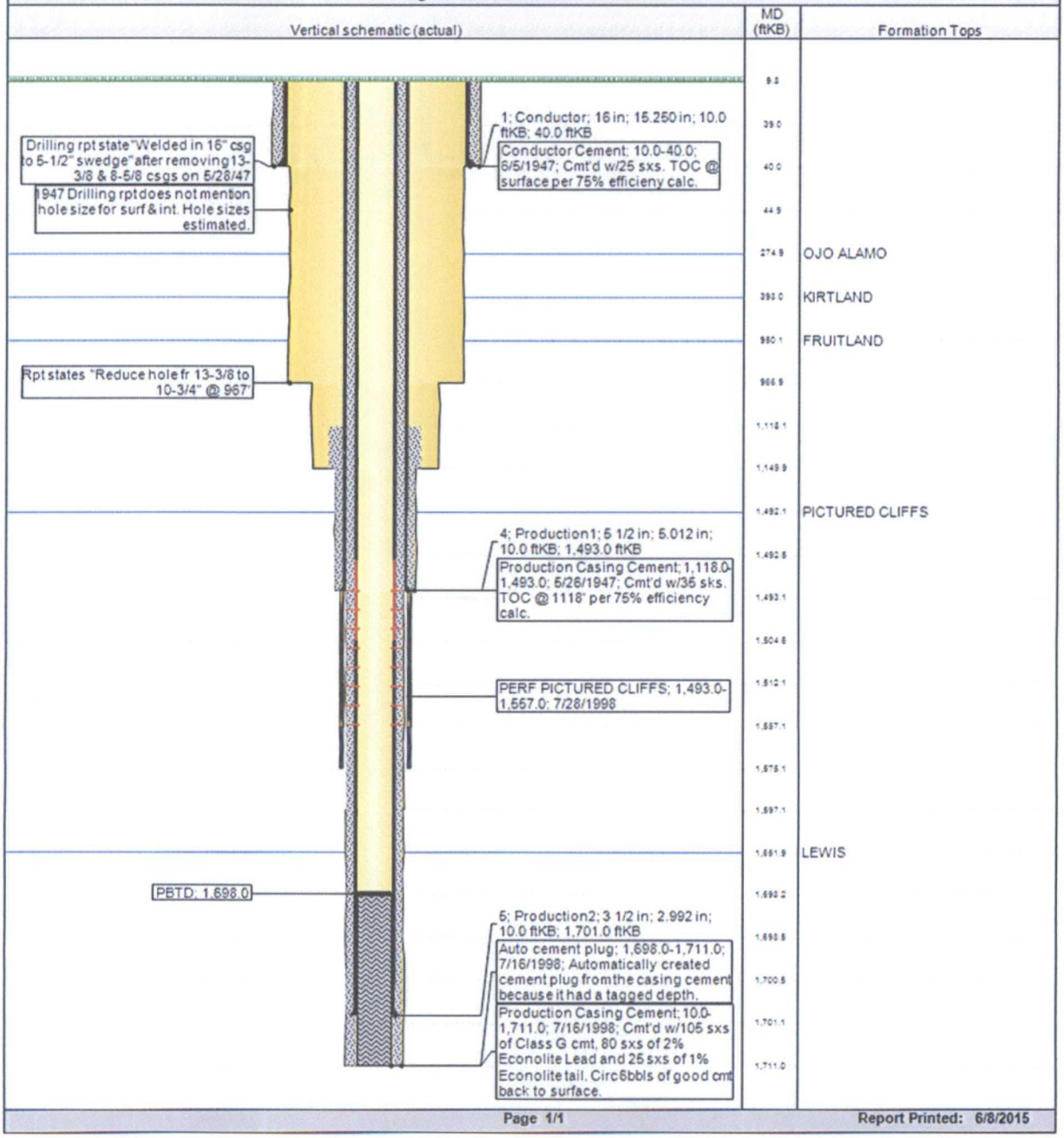
Basic- Schematic - Current

MANGUM SRC #1

District	Field Name	API / UWI	County	State/Province
SOUTH	FULCHER KUTZ P.C. (GAS) #0215	3004507842	SAN JUAN	NEW MEXICO

Original Spud Date	Surface Legal Location	East/West Distance (ft)	East/West Reference	North/South Distance (ft)	North/South Reference
5/10/1947	2310- FSL, 990- FEL ,29-029N-011W	990.00	E	2,310.00	S

Original Hole, 6/8/2015 10:07:58 AM



Report Printed: 6/8/2015

Proposed Schematic

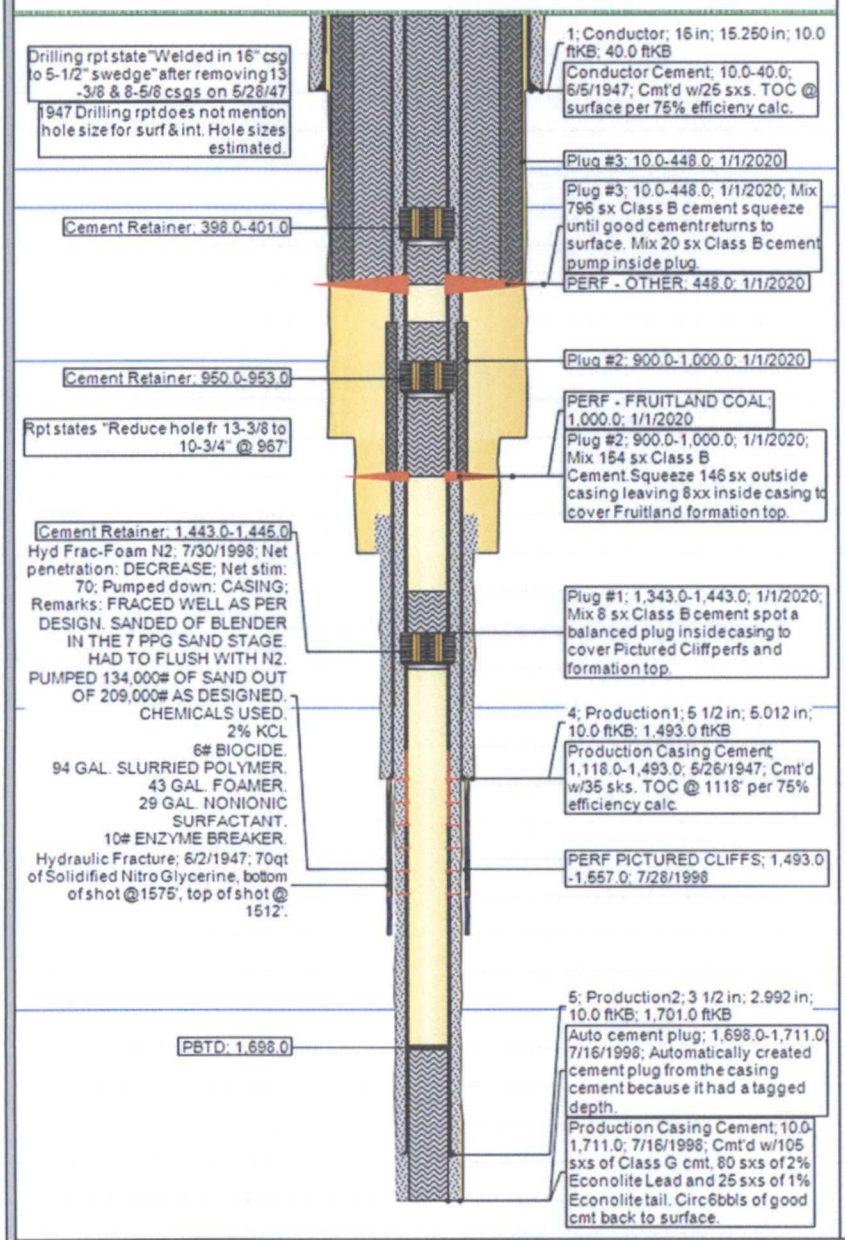
ConocoPhillips

Well Name: MANGUM SRC #1

API / UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004507842	2310' FSL, 990' FEL, 29-029N-011W	FULCHER KUTZ P.C. (GAS) #0215		NEW MEXICO	

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
5,391.00	5,401.00	10.00	5,401.00	5,401.00

Original Hole, 1/1/2020



Vertical schematic (actual) MD (ftKB)	Formation Tops
9.8	
39.0	
40.0	
44.9	
274.9	OJO ALAMO
398.0	KIRTLAND
400.9	
448.2	
899.9	
950.1	FRUITLAND
953.1	
966.9	
1,000.0	
1,118.1	
1,149.9	
1,342.8	
1,442.9	
1,444.9	
1,492.1	PICTURED CLIFFS
1,492.5	
1,493.1	
1,504.6	
1,512.1	
1,557.1	
1,575.1	
1,597.1	
1,651.9	LEWIS
1,698.2	
1,698.5	
1,700.5	
1,701.1	
1,711.0	

Report Printed: 6/8/2015