

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. 30-045-33580
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. FEE
7. Lease Name or Unit Agreement Name McGrath
8. Well Number 3S
9. OGRID Number 14538
10. Pool name or Wildcat Basin Fruitland Coal

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 **B** : **165** feet from the **North** line and **1505** feet from the **East** line
Section **3** Township **29N** Range **12W** NMPM **San Juan County**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
5389' 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.

Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics. A Closed Loop System will be utilized.

OIL CONS. DIV DIST. 3

FEB 10 2016

Spud Date:

Rig Released Date:

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 2/19/16

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

For State Use Only

DEPUTY OIL & GAS INSPECTOR

APPROVED BY: *Bob Bob* TITLE DISTRICT #3 DATE 2/10/16

Conditions of Approval (if any):

ConocoPhillips
MCGRATH 3S
Expense - P&A

Lat 36° 45' 42.934" N

Long 108° 4' 51.974" W

PROCEDURE

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 COP 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. **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. TOOH w/ rod string and LD (per pertinent data sheet).

Size: 3/4"

Set Depth: 1950'
 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. PU and remove tubing hanger.
 6. TOOH with tubing (per pertinent data sheet).

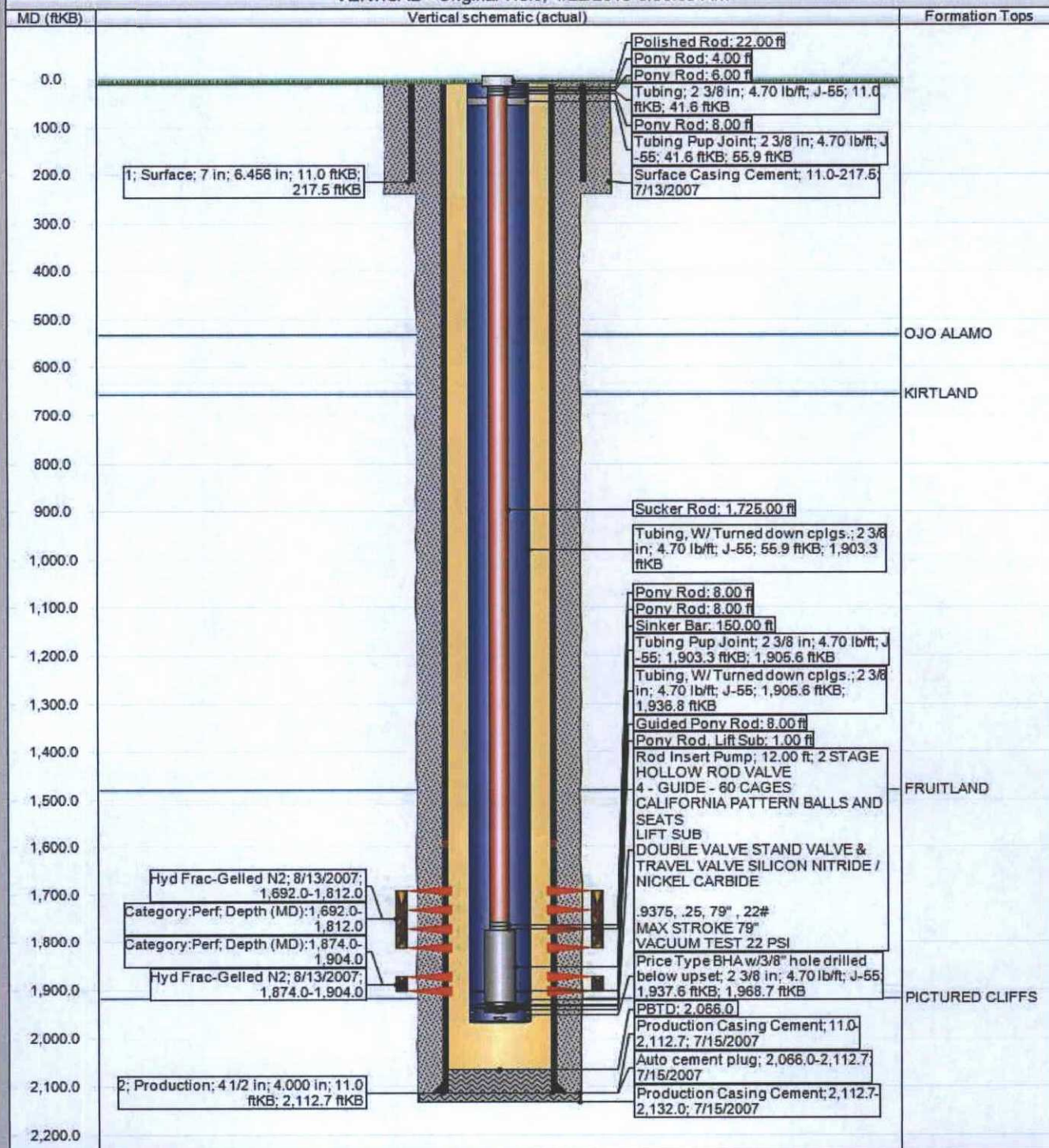
Tubing size: 2-3/8" 4.7# J-55 EUE

Set Depth: 1969'

KB: 11'
 7. PU 3-7/8" bit and watermelon mill and round trip as deep as possible above top perforation at 1692'.
 8. PU 4-1/2" CR on tubing, and set at 1642'. 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.
 9. RU wireline and run CBL with 500 psi on casing from CR at 1642' 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.**
10. **Plug 1 - Fruitland Perforations and Formation Top, 1431' - 1642', 20 Sacks Class B Cement**
Mix cement as described above and spot a balanced plug inside casing. Pull up hole.
 11. **Plug 2 - Kirtland and Ojo Alamo Formation Tops, 484' - 708', 21 Sacks Class B Cement**
Mix cement as described above and spot a balanced plug inside casing. Pull up hole.
 12. **Plug 3 - Surface Plug, 0' - 267', 24 Sacks Class B Cement**
Connect the pump line to the bradenhead valve and attempt to pressure test the BH annulus to 300 psi. Note the volume to load. If the BH annulus holds pressure, establish circulation out casing valve with water. Mix cement and spot balanced plug inside casing from 267' to surface, circulating good cement out casing valve. TOOH and LD tubing. SI well and WOC. If the BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface, filling the casing and the BH annulus to surface. Shut well in and WOC.
 13. Nipple down BOP and cut off casing below the casing flange. Install P&A marker with cement to comply with regulations. RDMO.

District NORTH	Field Name BASIN (FRUITLAND COAL)	API / UWI 3004533580	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 7/13/2007	Surface Legal Location 003-029N-012W-B	E/W Dist (ft) 1,505.00	E/W Ref FEL	N/S Dist (ft) 165.00 N/S Ref FNL

VERTICAL - Original Hole, 1/22/2016 8:50:53 AM





Schematic - Proposed MCGRATH #3S

District NORTH	Field Name BASIN (FRUITLAND COAL)	API / UWI 3004533580	County SAN JUAN	State/Province NEW MEXICO
Original Spud Date 7/13/2007	Surf Loc 003-029N-012W-B	East/West Distance (ft) 1,505.00	East/West Reference FEL	N/S Dist (ft) 165.00
		North/South Reference FNL		

VERTICAL - Original Hole, 1/1/2020 2:00:00 AM

Vertical schematic (actual)		MD (ftKB)	Formation Tops
	Surface Casing Cement; 11.0-217.5; 7/13/2007; Cemented with 150 sxs (Yield 1.28), circulated 10 bbls to surface.	11.2	
		12.5	
		173.2	
		216.5	
		217.5	
		240.2	
		267.1	
		483.9	
		534.1	OJO ALAMO
		658.1	KIRTLAND
	Plug #2; 484.0-708.0; 1/1/2020; Mix 21 sx Class B cmt and spot a balanced plug inside csg	708.0	
		1,431.1	
		1,481.0	FRUITLAND
		1,588.3	
		1,600.1	
		1,642.1	
		1,644.0	
		1,691.9	
		1,812.0	
		1,874.0	
	Plug #1; 1,431.0-1,642.0; 1/1/2020; Mix 20 sx Class B cmt and spot a balanced plug inside csg	1,903.9	
		1,919.9	
		2,065.9	
		2,068.6	
		2,069.6	
		2,111.9	
		2,112.9	
		2,131.9	
			PICTURED C...