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. **30-045-34579**

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No. OG-1649-1

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 **Farmington Com**

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

8. Well Number **100S**

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 Fruitland Coal**

4. Well Location
Unit Letter **E** : **1685** feet from the **North** line and **820** feet from the **West** line
Section **36** Township **31N** Range **13W** NMPM **San Juan** County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 6020' 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.

Burlington Resources requests permission to P&A the subject well per the attached procedure, current and proposed wellbore schematics.

Notify NMOCD 24 hrs prior to beginning operations

RCVD OCT 22 '12
OIL CONS. DIV.
DIST. 3

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 Staff Regulatory Technician DATE 10/22/12

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 10/31/12

Conditions of Approval (if any):

AV

ConocoPhillips
FARMINGTON COM 100S
Expense - P&A

Lat 36° 51' 32.584" N **Long 108° 9' 40.961" W**

PROCEDURE

This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for 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 work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.

3. When an existing primary valve (i.e. casing valve) is to be used, the existing piping should be removed and replaced with the appropriate piping for the intended operation.

4. RU blow lines from casing valves and begin blowing down casing pressure. Unseat pump and kill well with water, as necessary, and at least pump tubing capacity of water down tubing.

5. TOOH with rods (per pertinent data sheet) and LD.

6. ND wellhead and NU BOPE. Pressure and function test BOP. PU and remove tubing hanger.

7. TOOH with tubing (per pertinent data sheet).

Rods:	Yes	**Size:**	3/4"	**Set Depth:**	2258'
Tubing:	Yes	**Size:**	2-3/8"	**Set Depth:**	2267'

Round trip 4-1/2", 10.5#, J-55 casing scraper to top perforation @ 2066' or as deep as possible.

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 Type II mixed at 15.6 ppg with a 1.18 cf/sk yield.

8. Plug 1 (Fruitland Perforations and Formation Top, 1677-2016', 30 Sacks Class B Cement)
PU CR for 4-1/2", 10.5#, J-55 casing and RIH set at 2016'. Load casing with water and attempt circulation. Pressure test tubing to 1000 psi. Pressure test casing to 800 psi. Mix 30 sxs Class B cement and spot inside casing above CR to isolate Fruitland Coal perforations and formation top. PUH.

9. Plug 2 (Kirtland and Ojo Alamo, 391-601', 20 Sacks Class B Cement)
Mix 20 sxs Class B cement and spot a balanced plug inside casing to isolate the Kirtland and Ojo Alamo formation tops. PUH.

10. Plug 3 (Surface Plug, 0-188', 36 Sacks Class B Cement)
Perforate 3 HSC holes at 102'. Run into hole with tubing to 188'. Establish rate into the squeeze holes and circulate to surface out the bradenhead valve and casing valve. Mix and pump 36 sxs Class B cement to circulate good cement out bradenhead valve and production casing valve. LD tubing. Shut in 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.

Current Schematic

ConocoPhillips

Well Name: FARMINGTON COM #100S

API/UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3004534579	036-31N-013W	BASIN FRUITLAND COAL		NEW MEXICO	VERTICAL

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,020.00	6,031.00	11.00		

Well Config: VERTICAL - Original Hole, 9/14/2012 9:54:29 AM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
-19		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 11 ftKB, 42 ftKB	
3		Tubing Pup Joint, 2 3/8in, 42 ftKB, 44 ftKB	
11		Tubing Pup Joint, 2 3/8in, 44 ftKB, 50 ftKB	
12		Tubing Pup Joint, 2 3/8in, 50 ftKB, 60 ftKB	
12		Tubing, 2 3/8in, 4.70lbs/ft, J-55, 60 ftKB, 2,212 ftKB	
15		Hyd Frac-Gelled N2, 5/6/2008, FRUITLAND COAL STIMULATION (2066' TO 2216')	
42		START 2% KCL WATER BREAKDOWN THE ZONE AT 1586 PSI. START 12 BBLS OF 10% FORMIC ACID AT 3.2 BPM AT 1246 PSI. START 48 BBLS OF X-LINKED PRE-PAD AT 17 BPM AT 2847 PSI. FRAC THE ZONE WITH 179,760 GALS. OF 75 QUALITY 25# LINEAR GEL FOAM AT 50 TO 59 BPM WITH 146,827 LBS. OF 20/40 ARIZONA SAND. RAN FOAMER FAW-4 AT 4.0 GAL/ 1000 GALS. GW-3LD AT 6.25 GAL/1000 GALS. HIGH PERM CRB-LT AT 5 LB/1000 GALS.BF-7L AT 1.5 GAL/1000 GALS.FLO-BACK @.1 GAL/1000, GBW-33D @ 1 GAL/1000, XLW-32 @ 1 GPT, ENZYME G-111 .1#/1000,TOTAL N2 1,755,000 SCF PUMPED 38 BBL FLUID FLUSH. MIN RATE: 37.4 BPM MAX. RATE: 59.4 BPM. AVG. RATE: 52.4 BPM. MIN. PSI: 2649 PSI. MAX PSI: 3048 PSI. AVG PSI: 2775 PSI. MAX. SAND CONC: 2.5PPA. ISIP:1830 PSI. FRAC GRADIENT. 1.30 PSI/FT. (BASED OFF ISDP) FLUID TO RECOVER (BREAKDOWN, ACID AND FRAC: 1070 CLEAN BBLS). PUMPED 1201 SLURRY BBLS. TOTAL N2 USED 2,685.6 SCF	
44			
50			
60			
137	137		
138	138		
143	143		
441	441		OJO ALAMO, 441
551	551		KIRTLAND, 551
1,727	1,727		FRUITLAND, 1,727
1,738	1,738		
1,754	1,754		
2,066	2,066		
2,140	2,140		
2,148	2,148		
2,156	2,156		
2,212	2,211		
2,214	2,213		
2,216	2,216		
2,230	2,230		PICTURED CLIFFS, 2,230
2,231	2,231		
2,232	2,232		
2,244	2,244		
2,245	2,245		
2,246	2,246		
2,254	2,254		
2,257	2,257	Tubing Pup Joint, 2 3/8in, 2,212 ftKB, 2,213 ftKB	
2,258	2,258	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 2,213 ftKB, 2,245 ftKB	
2,266	2,266	Profile Nipple, 2 3/8in, 2,245 ftKB, 2,246 ftKB	
2,267	2,267	Perforated Joint, 2 3/8in, 2,246 ftKB, 2,254 ftKB	
2,267	2,267	Tubing Pup Joint, 2 3/8in, 2,254 ftKB, 2,266 ftKB	
2,367	2,367	Cross Over, 2 3/8in, 2,266 ftKB, 2,267 ftKB	
2,370	2,370	MULESHOE, 2 1/16in, 2,267 ftKB, 2,267 ftKB	
2,371	2,371	PBTD, 2,367	
2,412	2,412	TD, 2,425, 3/17/2008	
2,413	2,413		
2,425	2,425		

Polished Rod, 22.0ft
Pony Rod, 8.0ft
Pony Rod, 4.0ft
Surface Casing Cement, 11-20, 3/13/2008, Top set w/4sxs premix. CIRC 3/4 BBL CMT TO SURFACE
Surface Casing Cement, 20-138, 3/13/2008, 30 sxs premix w/20% fly-ash. Cmt job locked up w/NO CMT TO SURFACE
Surface, 7in, 6.366in, 11 ftKB, 138 ftKB
Sucker Rod, 2,125.0ft
PERF - FRUITLAND COAL, 2,066-2,216, 5/6/2008
Pony Rod, 8.0ft
Pony Rod, 8.0ft
Sinker Bar, 75.0ft
Shear Coupling, 0.5ft
Guided Pony Rod, 12.0ft
Lift Sub, 1.0ft
RHAC-Z Insert Pump, 12.0ft
Strainer Nipple (1"), 1.0ft
Production Casing Cement, 102-2,413, 3/17/2008, CMT W/ 10 BBLS FW, 10 BBLS MC II, 10 BBLS FW, 10 BBLS SCVGR @ 11.0#, 70 BBLS LEAD @ 12.1#, 22 BBLS TAIL @ 14.6#, DISP W/ 10 BBLS SUGAR WATER, 28 BBLS FW, CIRC 38 BBLS CMT TO PIT. TOC @ 102' per CBL (3/31/08).
Production, 4 1/2in, 4.052in, 11 ftKB, 1 FLOAT SHOE @ 2412', 1 JT 4 1/2" 10.5# J-55 CSG, 1 FLOAT COLLAR @ 2370', 15 JTS 4 1/2" 10.5# J-55 CSG, 1 MARKER JT @ 1738', 42 JTS 4 1/2" 10.5# J-55 CSG, 1 MANDRELL, 2,413 ftKB
Display Cement Fill, 2,413-2,425, 3/17/2008

Proposed Schematic

ConocoPhillips

Well Name: FARMINGTON COM #100S

API/UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004534579	036-31N-01W	BASIN FRUITLAND COAL		NEW MEXICO	VERTICAL	

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
6,020.00	6,031.00	11.00		

Well Config: VERTICAL - Original Hole, 1/1/2020

ftKB (MD)	Frm Final	Schematic - Actual
-19		
3		
11		
12		
12		
15		
20		
42		
44		
50		
60		
102		SQUEEZE PERFS, 102, 1/1/2012
137		
138		Surface, 7in, 6.366in, 11 ftKB, 138 ftKB
143		
188		
391		
441	OJO ALAMO, 441	
551	KIRTLAND, 551	
601		
1,677		
1,727	FRUITLAND, 1,727	
1,738		
1,754		
2,016		Cement Retainer, 2,016-2,017
2,017		
2,066		
2,140		PERF - FRUITLAND COAL, 2,066-2,216, 5/6/2008
2,148		
2,156		
2,212		
2,214		
2,216		
2,230	PICTURED CLIFFS, 2,230	
2,231		
2,232		
2,244		
2,245		
2,246		
2,254		
2,257		
2,258		
2,266		PBTD, 2,367
2,267		Production, 4 1/2in, 4.052in, 11 ftKB, 1 FLOAT SHOE @ 2412', 1 JT 4 1/2" 10.5# J-55 CSG, 1 FLOAT COLLAR @ 2370', 15 JTS 4 1/2" 10.5# J-55 CSG, 1 MARKER JT @ 1738', 42 JTS 4 1/2" 10.5# J-55 CSG, 1 MANDRELL, 2,413 ftKB
2,267		
2,367		
2,370		
2,371		
2,412		
2,413		
2,425		TD, 2,425, 3/17/2008

Surface Casing Cement, 11-20, 3/13/2008, Top set w/4sxs premix. CIRC 3/4 BBL CMT TO SURFACE

Plug #3, 11-102, 1/1/2020

Surface Casing Cement, 20-138, 3/13/2008, 30 sxs premix w/20% fly-ash. Cmt job locked up w/NO CMT TO SURFACE

Plug #3, 11-188, 1/1/2020, Mix and pump 36 sx Class B cement to circulate good cement out bradenhead valve and production casing valve.

Plug #2, 391-601, 1/1/2020, Mix 20 sx Class B cement and spot a balanced plug inside casing to isolate the Kirtland and Ojo Alamo formation tops.

Plug #1, 1,677-2,016, 1/1/2020, Mix 30 sx class B cement and spot inside casing above CR to isolate the Fruitland Coal perforation and formation top.

Production Casing Cement, 102-2,413, 3/17/2008, CMT W/ 10 BBLS FW, 10 BBLS MC II, 10 BBLS FW, 10 BBLS SCVGR @ 11.0#, 70 BBLS LEAD @ 12.1#, 22 BBLS TAIL @ 14.6#, DISP W/ 10 BBLS SUGAR WATER, 28 BBLS FW, CIRC 38 BBLS CMT TO PIT. TOC @ 102' per CBL (3/31/08).

Display Cement Fill, 2,413-2,425, 3/17/2008

Report Printed: 10/18/2012