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. **30-039-24293**

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No. B-10037-58

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 **San Juan 29-7 Unit NP**

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

8. Well Number **509**

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 **A** : **795** feet from the **North** line and **1090** feet from the **East** line
Section **16** Township **29N** Range **7W** NMPM **Rio Arriba** County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 6262' 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.

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 5/31/12

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 6/6/12

Conditions of Approval (if any):

AV

RCVD JUN 4'12
OIL CONS. DIV.
DIST. 3

# ConocoPhillips
## SAN JUAN 29-7 UNIT NP 509
### Expense - P&A

**Lat 36° 43' 50.952" N  Long 107° 34' 13.548" 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. Kill well with water, as necessary, and at least pump tubing capacity of water down tubing.

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

6. TOOH with 2-3/8" 4.7# J-55 tubing (per pertinent data sheet).

**Tubing:** Yes **Size:** 2-3/8" **Length:** 3055'

Round trip casing scraper through deepest perforation 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.**

**7. Plug 1 (Fruitland Coal perforations, Intermediate Shoe, Liner Top, 2770-2963', 30 Sacks Class B Cement)**
RIH and set CR for 4 1/2", 10.5#, K-55 casing at 2963'. Load casing and circulate clean. Pressure test tubing to 1000 psi. Pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 30 sx of Class B cement and spot plug inside casing to isolate the Fruitland Coal perforations, casing shoe, and liner top. PUH

**8. Plug 2 (Fruitland Coal formation top, 2595-2695', 29 Sacks Class B Cement)**
Mix 29 sx Class B cement and spot balance plug inside casing to isolate the Fruitland Coal formation top. PUH

**9. Plug 3 (Kirtland and Ojo Alamo formation tops, 2100-2370', 62 Sacks Class B Cement)**
Mix 62 sx Class B cement and spot balance plug inside casing to isolate the Kirtland and Ojo Alamo formation tops. PUH

**10. Plug 4 (Nacimiento formation top, 855-955', 29 Sacks Class B Cement)**
Mix 29 sx Class B cement and spot balance plug inside casing to isolate the Nacimiento formation top. PUH

**11. Plug 5 (Surface Shoe, 0-281', 64 Sacks Class B Cement)**
Attempt to pressure test the bradenhead annulus to 300 PSI; note the volume to load. If the BH annulus holds pressure, then establish circulation out casing valve with water. Mix 64 sx cement and spot a balanced plug inside casing from 281' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 281' and the annulus from the squeeze holes to surface. Shut in well and WOC.

**12.** 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: SAN JUAN 29-7 UNIT NP #509**

| API / UWI | Surface Legal Location | Field Name | License No. | State/Province | Well Configuration Type |
|---|---|---|---|---|---|
| 3003924293 | NMPM,016-029N-007W | BASIN (FRUITLAND COAL) | | NEW MEXICO | Edit |

| Ground Elevation (ft) | Original KB/RT Elevation (ft) | KB-Ground Distance (ft) | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) |
|---|---|---|---|---|
| 6,262.00 | 6,275.00 | 13.00 | | |

Well Config: - Original Hole, 5/23/2012 2:49:39 PM

| ftKB (MD) | Schematic - Actual | Frm Final |
|---|---|---|
| 13 | | |
| 230 | Surface, 9 5/8in, 9.001in, 13 ftKB, 231 ftKB | |
| 231 | Surface Casing Cement, 13-231, 10/16/1988, 150 sacks Class B; circulated 10 bbls to surface | |
| 235 | | |
| 905 | Tubing, 2 3/8in, 4.70lbs/ft, J-55, 13 ftKB, 3,020 ftKB | NACIMIENTO, 905 |
| 2,150 | | OJO ALAMO, 2,150 |
| 2,320 | | KIRTLAND, 2,320 |
| 2,645 | | FRUITLAND, 2,645 |
| 2,820 | Liner Top @ 2819 ftKB | |
| 2,827 | | |
| 2,828 | | |
| 2,922 | | |
| 2,923 | Intermediate Casing Cement, 13-2,967, 10/19/1988, Lead 450 sacks Class B 65/35 POZ, Tail 100 sacks Class B; circulated 0.5 bbls to surface. | |
| 2,966 | | |
| 2,967 | Intermediate1, 7in, 6.456in, 13 ftKB, 2,967 ftKB | |
| 2,970 | Tubing Pup Joint, 2 3/8in, 4.70lbs/ft, J-55, 3,020 ftKB, 3,022 ftKB | |
| 3,013 | Tubing, 2 3/8in, 4.70lbs/ft, J-55, 3,022 ftKB, 3,053 ftKB | |
| 3,020 | Hydraulic Fracture, 11/6/1988, Frac'd Fruitland Coal with 2,527 bbls 40# Gel with 51.1 tons CO2 and 11,000# 40/70 sand and 73,000# 12/20 sand. | |
| 3,022 | Fruitland Coal, 3,013-3,065, 11/6/1988 | |
| 3,053 | F-Nipple, 2 3/8in, 3,053 ftKB, 3,054 ftKB | |
| 3,054 | Mule Shoe, 2 3/8in, 3,054 ftKB, 3,055 ftKB | |
| 3,055 | | |
| 3,063 | | PICTURED CLIFFS, 3,063 |
| 3,065 | | |
| 3,085 | PBTD, 3,085 | |
| 3,086 | | |
| 3,087 | Liner Cement, 2,819-3,104, 11/5/1988, 100 sacks Class B; reverse circulated 2 bbls to pit. | |
| 3,102 | PBTD, 3,085-3,104, 11/6/1988 | |
| 3,104 | Production1, 4 1/2in, 4.052in, 2,819 ftKB, 3,104 ftKB | |
| 3,105 | TD, 3,105, 11/5/1988 | PBTD, 3,104-3,105, 11/6/1988 |



Report Printed: 5/23/2012

# Proposed Schematic

ConocoPhillips

**Well Name: SAN JUAN 29-7 UNIT NP #509**

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|---|---|---|---|---|
| 6,262.00 | 6,275.00 | 13.00 | | |

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

| ftKB (MD) | Frm Final | Schematic - Actual |
|---|---|---|
| 13 | | |
| 230 | | Surface Casing Cement, 13-231, 10/16/1988, 150 sacks Class B; circulated 10 bbls to surface. |
| 231 | | Surface, 9 5/8in, 9.001in, 13 ftKB, 231 ftKB |
| 235 | | Plug #5, 13-281, 1/1/2020, Mix 64 sx cement and spot a balanced plug inside casing from 281' to surface, circulate good cement out casing valve. |
| 281 | | |
| 855 | | |
| 905 | NACIMIENTO, 905 | |
| 955 | | Plug #4, 855-955, 1/1/2020, Mix 29 sx Class B cement and spot balance plug inside casing to isolate the Nacimiento formation top. |
| 2,100 | | |
| 2,150 | OJO ALAMO, 2,150 | |
| 2,320 | KIRTLAND, 2,320 | |
| 2,370 | | Plug #3, 2,100-2,370, 1/1/2020, Mix 62 sx Class B cement and spot a balance plug inside casing to isolate the Kirtland and Ojo Alamo formation tops. |
| 2,595 | | |
| 2,645 | FRUITLAND, 2,645 | |
| 2,695 | | Plug #2, 2,595-2,695, 1/1/2020, Mix 29 sx Class B cement and spot balance plug inside casing to isolate the Fruitland Coal formation top. |
| 2,770 | | |
| 2,820 | | Liner Top @ 2819 ftKB |
| 2,827 | | Plug #1, 2,770-2,819, 1/1/2020 |
| 2,828 | | |
| 2,922 | | |
| 2,923 | | Plug #1, 2,819-2,963, 1/1/2020, Mix 30 sx Class B cement and spot plug inside casing to isolate the Fruitland Coal perforations, casing shoe, and liner top. |
| 2,963 | | |
| 2,964 | | Cement Retainer, 2,963-2,964 |
| 2,966 | | Intermediate Casing Cement, 13-2,967, 10/19/1988, Lead 450 sacks Class B 65/35 POZ, Tail 100 sacks Class B; circulated 0.5 bbls to surface. |
| 2,967 | | Intermediate1, 7in, 6.456in, 13 ftKB, 2,967 ftKB |
| 2,970 | | |
| 3,013 | | Fruitland Coal, 3,013-3,065, 11/6/1988 |
| 3,020 | | Hydraulic Fracture, 11/6/1988, Frac'd Fruitland Coal with 2,527 bbls 40# Gel with 51.1 tons CO2 and 11,000# 40/70 sand and 73,000# 12/20 sand. |
| 3,022 | | |
| 3,053 | | |
| 3,054 | | |
| 3,055 | | |
| 3,063 | PICTURED CLIFFS, 3,063 | |
| 3,065 | | |
| 3,085 | | PBTD, 3,085 |
| 3,086 | | |
| 3,087 | | |
| 3,102 | | Liner Cement, 2,819-3,104, 11/5/1988, 100 sacks Class B; reverse circulated 2 bbls to pit. |
| 3,104 | | Production1, 4 1/2in, 4.052in, 2,819 ftKB, 3,104 ftKB |
| 3,105 | | TD, 3,105, 11/5/1988 |
| | | PBTD, 3,085-3,104, 11/6/1988 |
| | | PBTD, 3,104-3,105, 11/6/1988 |