

RECEIVED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 05 2010 AMENDED

Sundry Notices and Reports on Wells

Farmington Field Office  
Bureau of Land Management

- |   |  |
|---|--|
| 1. Type of Well<br>GAS  | 5. Lease Number<br>SF-079731                   |
| 2. Name of Operator<br><b>BURLINGTON</b><br>RESOURCES OIL & GAS COMPANY LP  | 6. If Indian, All. or<br>Tribe Name            |
| 3. Address & Phone No. of Operator<br><br>PO Box 4289, Farmington, NM 87499 (505) 326-9700                          | 7. Unit Agreement Name<br>San Juan 28-4 Unit   |
| 4. Location of Well, Footage, Sec., T, R, M<br><br>Unit H (SENE), 1617' FNL & 870' FEL, Section 32, T28N, R4W, NMPM | 8. Well Name & Number<br>San Juan 28-4 Unit 32 |
|   | 9. API Well No.<br><br>30-039-20174            |
|   | 10. Field and Pool<br>Basin Dakota             |
|   | 11. County and State<br>Rio Arriba, NM         |

## 12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
		<input type="checkbox"/> Other - _____

## 13. Describe Proposed or Completed Operations

Burlington Resources requests permission to P&A the subject well per the attached amended procedure. An NOI was filed 9/22/10 and approved 9/23/10 with the procedure indicating a casing leak was present in the wellbore, which is incorrect. The correct procedure, current and proposed wellbore schematics are attached.

Notify NMOCD 24 hrs  
prior to beginning  
operations

RCVD OCT 8 '10  
OIL CONS. DIV.

DIST. 3

## 14. I hereby certify that the foregoing is true and correct.

Signed Crystal Tafoya Crystal Tafoya Title: Staff Regulatory Technician Date 10/5/2010

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date OCT 05 2010

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

PC

**ConocoPhillips**  
**SAN JUAN 28-4 UNIT 32 (DK)**  
**Expense - P&A**  
**Lat 36° 37' 10.524" N      Long 107° 16' 1.812" W**

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield. **Plug depth may change per CBL.**

1. This project requires the Operator to obtain an approved 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.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes\_\_\_\_, No X, Unknown\_\_\_\_  
Tubing: Yes X, No\_\_\_\_, Unknown\_\_\_\_, Size 2-3/8", Length 8541'.  
Packer: Yes\_\_\_\_, No X, Unknown\_\_\_\_, Type\_\_\_\_.  
If well has rods or a packer, then modify the work sequence in Step #2 as appropriate.
4. **Plug #1 (Dakota perforations and top, 8560' – 8460')**: RIH with 4.5" wireline set CIBP and set at 8560'. Then TIH with tubing and tag the CIBP. **Run CBL from 8560' to surface.** Load the casing with water and circulate the well clean. *Pressure test the casing to 800 PSI. If casing does not pressure test, then spot or tag subsequent plugs as appropriate.* Mix 12 sxs Class B cement and spot a balanced plug inside the casing to isolate the Dakota perforations. TOH.
5. **Plug #2 (Gallup top, 7539' – 7439')**: RIH and perforate at 7539'. RIH w/ 4.5" cement retainer and set at 7489'. *Pressure test the casing to 800 PSI. If casing does not pressure test, then spot or tag subsequent plugs as appropriate.* Mix 25 sxs Class B cement and squeeze 13 sxs outside the 4.5 casing and leave 12 sxs inside 4.5" casing to cover the Gallup top. PUH and WOC. Tag cement; PUH to 6098'.
6. **Plug #3 (Mesaverde tops: 6134' – 6034')**: Mix 12 sxs Class B cement and spot a balanced plug inside the casing to isolate the Mesaverde tops. TOH.
7. **Plug #4 (Chacra top: 4964' - 4864')**: Spot 12 sxs Class B cement inside casing to cover the Chacra top. PUH to 4598'. *Inside 4 1/2" casing and if no cement in annulus outside 4 1/2" casing*

8. **Plug #5 (7.625" Casing shoe, 4.5" liner top, Pictured Cliffs top: 4598' – 4263')**: RIH and perforate at 4598'. RIH w/ 4.5" cement retainer and set at 4548'. *Pressure test the casing to 800 PSI. If casing does not pressure test, then spot or tag subsequent plugs as appropriate.* Mix 66 sxs Class B cement and squeeze 36 sxs outside the 4.5 casing and leave 30 sxs inside 4.5" casing to cover the Pictured Cliffs top. PUH and WOC. Tag cement; PUH to 3972'.
9. **Plug #6 (Fruitland, Kirtland and Ojo Alamo tops: 4128' - 3685')**: RIH and perforate at 4128'. RIH w/ 4.5" cement retainer and set at 4078'. *Pressure test the casing to 800 PSI. If casing does not pressure test, then spot or tag subsequent plugs as appropriate.* Mix 85 sxs Class B cement and squeeze 47 sxs outside the 4.5 casing and leave 38 sxs inside 4.5" casing to cover the Ojo Alamo top. PUH and WOC. Tag cement; PUH to 2413'.
10. **Plug #7 (Nacimiento top: 2505' to 2405')**: RIH and perforate at 2505'. RIH w/ 4.5" cement retainer and set at 2455'. *Pressure test the casing to 800 PSI. If casing does not pressure test, then spot or tag subsequent plugs as appropriate.* Mix 39 sxs Class B cement and squeeze 13 sxs outside the 7 casing; squeeze 14 sxs outside the 4.5" casing; and leave 12 sxs inside 4.5" to cover the Ojo Alamo top. PUH and WOC. Tag cement; PUH to 3972'.
11. **Plug #8 (10.75" Surface casing shoe, 282' - Surface)**: RIH and perforate at 282'. Then, establish circulation out casing valve with water. Mix approximately 130 sxs cement and spot a balanced plug from 282' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate at the appropriate depth. Fill the inside of the 7" casing from 282' and the annulus from the perforation depth to surface. Shut in well and WOC.
12. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

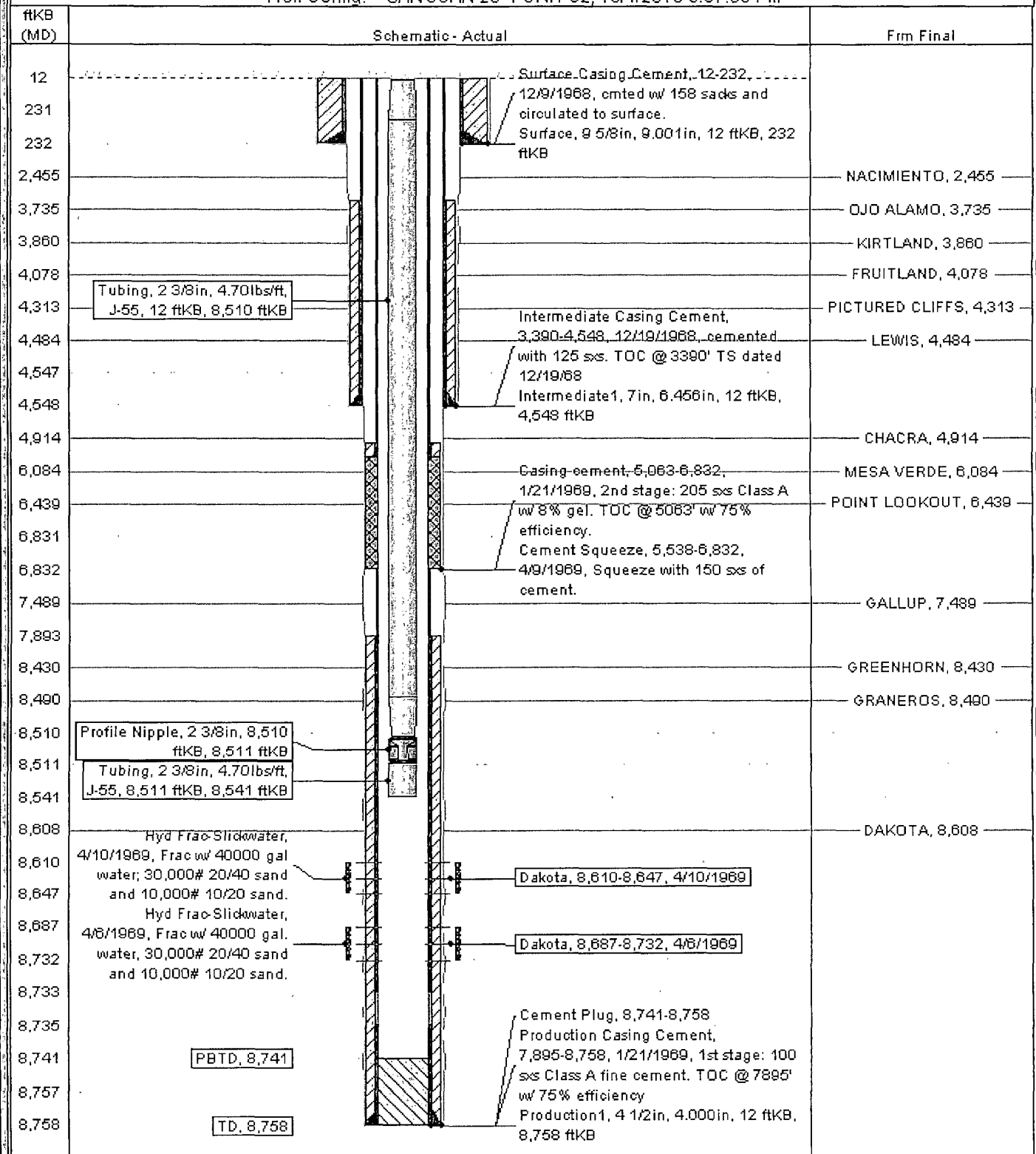
# Current Schematic

ConocoPhillips

Well Name: SAN JUAN 28-4 UNIT #32

API# 0001	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003920174	NM PM 032-028N-004W	DESIGN DAKOTA 1960-028N-004W		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Hanger Distance (ft)	KB-Tubing Hanger Distance (ft)		

Well Config: - SAN JUAN 28-4 UNIT 32, 10/4/2010 3:57:33 PM



# Propose Wellbore

ConocoPhillips

Well Name: SAN JUAN 28-4 UNIT #32

API# 0001	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003920174	NMPN 032-028N-004W	San Juan 28-4 UNIT #32		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Hanger Distance (ft)	KB-Tubing Hanger Distance (ft)		

Well Config: - SAN JUAN 28-4 UNIT 32, 1/1/2011

ftKB (MD)	Schematic - Actual	Form Final
12		
231		
232		
2,455		
2,456		
3,735		
3,860		
4,078		
4,079		
4,313		
4,484		
4,547		
4,548		
4,914		
6,084		
6,439		
6,831		
6,832		
7,489		
7,490		
7,893		
8,430		
8,490		
8,510		
8,511		
8,541		
8,560		
8,561		
8,608		
8,610		
8,647		
8,687		
8,732		
8,733		
8,735		
8,741		
8,757		
8,758		

Surface Casing Cement, 12-232, 12/9/1968, cmted w/ 158 sacks and circulated to surface.  
Surface, 9 5/8in, 9.001in, 12 ftKB, 232 ftKB

Cement squeeze, 12-282, 1/1/2011  
Cement plug, 12-282, 1/1/2011

\*COPY\* Cement Retainer, 2,455-2,456

Cement squeeze, 2,405-2,505, 1/1/2011  
Cement plug, 2,405-2,505, 1/1/2011

\*COPY\* Cement Retainer, 4,078-4,079  
Cement squeeze, 3,685-4,128, 1/1/2011

Cement plug, 3,685-4,128, 1/1/2011  
Intermediate Casing Cement, 3,390-4,548, 12/19/1968, cemented with 125 sxs. TOC @ 3390' TS dated 12/19/68

Intermediate 1, 7in, 6.456in, 12 ftKB, 4,548 ftKB  
Cement squeeze, 4,263-4,598, 1/1/2011

Cement plug, 4,263-4,598, 1/1/2011  
Cement squeeze, 4,864-4,964, 1/1/2011

Cement plug, 4,864-4,964, 1/1/2011  
Cement squeeze, 6,034-6,134, 1/1/2011

Cement plug, 6,034-6,134, 1/1/2011  
Casing cement, 5,083-6,832, 1/21/1969, 2nd stage: 205 sxs Class A w/ 8% gel. TOC @ 5083' w/ 75% efficiency.

Cement Squeeze, 5,538-6,832, 4/9/1969, Squeeze with 150 sxs of cement.  
Cement Retainer, 7,489-7,490

Cement squeeze, 7,439-7,539, 1/1/2011  
Cement plug, 7,439-7,539, 1/1/2011

Cement Plug, 8,460-8,560, 1/1/2011  
Cement Plug, 8,460-8,560, 1/1/2011

Bridge Plug - Permanent, 8,560-8,561  
Dakota, 8,610-8,647, 4/10/1969

Dakota, 8,687-8,732, 4/6/1969  
Cement Plug, 8,741-8,758

Production Casing Cement, 7,895-8,758, 1/21/1969, 1st stage: 100 sxs Class A fine cement. TOC @ 7895' w/ 75% efficiency.

Production 1, 4 1/2in, 4.000in, 12 ftKB, 8,758 ftKB

Hyd Frac-Slickwater, 4/10/1969, Frac w/ 40000 gal water; 30,000# 20/40 sand and 10,000# 10/20 sand.  
Hyd Frac-Slickwater, 4/6/1969, Frac w/ 40000 gal. water, 30,000# 20/40 sand and 10,000# 10/20 sand.

PBTD, 8,741

TD, 8,758