

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

REVISED

JUL 13 2011

Sundry Notices and Reports on Wells

Farmington Field Office  
Bureau of Land Management

1. Type of Well  
GAS

5. Lease Number  
SF-079731

6. If Indian, All. or  
Tribe Name

2. Name of Operator  
**BURLINGTON**  
RESOURCES OIL & GAS COMPANY LP

7. Unit Agreement Name  
San Juan 28-4 Unit

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number  
San Juan 28-4 Unit 32

9. API Well No.

30-039-20174

4. Location of Well, Footage, Sec., T, R, M

Unit H (SENE), 1617' FNL & 870' FEL, Section 32, T28N, R4W, NMPM

10. Field and Pool  
Basin Dakota

11. County and State  
Rio Arriba, NM

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

Type of Submission

Type of Action

☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Other -

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Burlington Resources received approval to P&A the subject well per the NOI filed 9/22/10. The attached procedure has been revised to include agency changes and added a Mancos plug. Please see that attached revised procedure, current and proposed wellbore schematics.

Notify NMOC 24 hrs  
prior to beginning  
operations

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

Signed Crystal Tafoya Crystal Tafoya

Title: Staff Regulatory Technician Date 7/13/11

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title

Date JUL 14 2011

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

NMOC 14

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 wireline set 4-1/2" CIBP at 8560'. Then TIH with logging tools to top of 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'. 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. TOH.
6. **Plug #3 (Mancos top, 7081' – 6981')**: RIH and perforate at 7081'. RIH w/ 4.5" cement retainer and set at 7031'. 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 Mancos top. PUH.
7. **Plug #4 (Mesa Verde tops: 6134' – 6034')**: Mix 12 sxs Class B cement and spot a balanced plug inside the casing to isolate the Mesa Verde top. TOH.
8. **Plug #5 (Chacra top: 4964'- 4864')**: ): RIH and perforate at 4964'. RIH w/ 4.5" cement retainer and set at 4914'. 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 Chacra top. TOH.
9. **Plug #6 (7.625" Casing shoe and Pictured Cliffs top: 4598' – 4263')**: RIH and perforate at 4598'. RIH w/ 4.5" cement retainer and set at 4548'. 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. TOH.

10. **Plug #7 (Fruitland, Kirtland and Ojo Alamo tops: 4128' - 3685'):** RIH and perforate at 4128'. RIH w/ 4.5" cement retainer and set at 4078'. 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. TOH.
11. **Plug #8 (Nacimiento top: 2505' to 2405'):** RIH and perforate at 2505'. RIH w/ 4.5" cement retainer and set at 2455'. 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. TOH.
12. **Plug #9 (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.
13. 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.

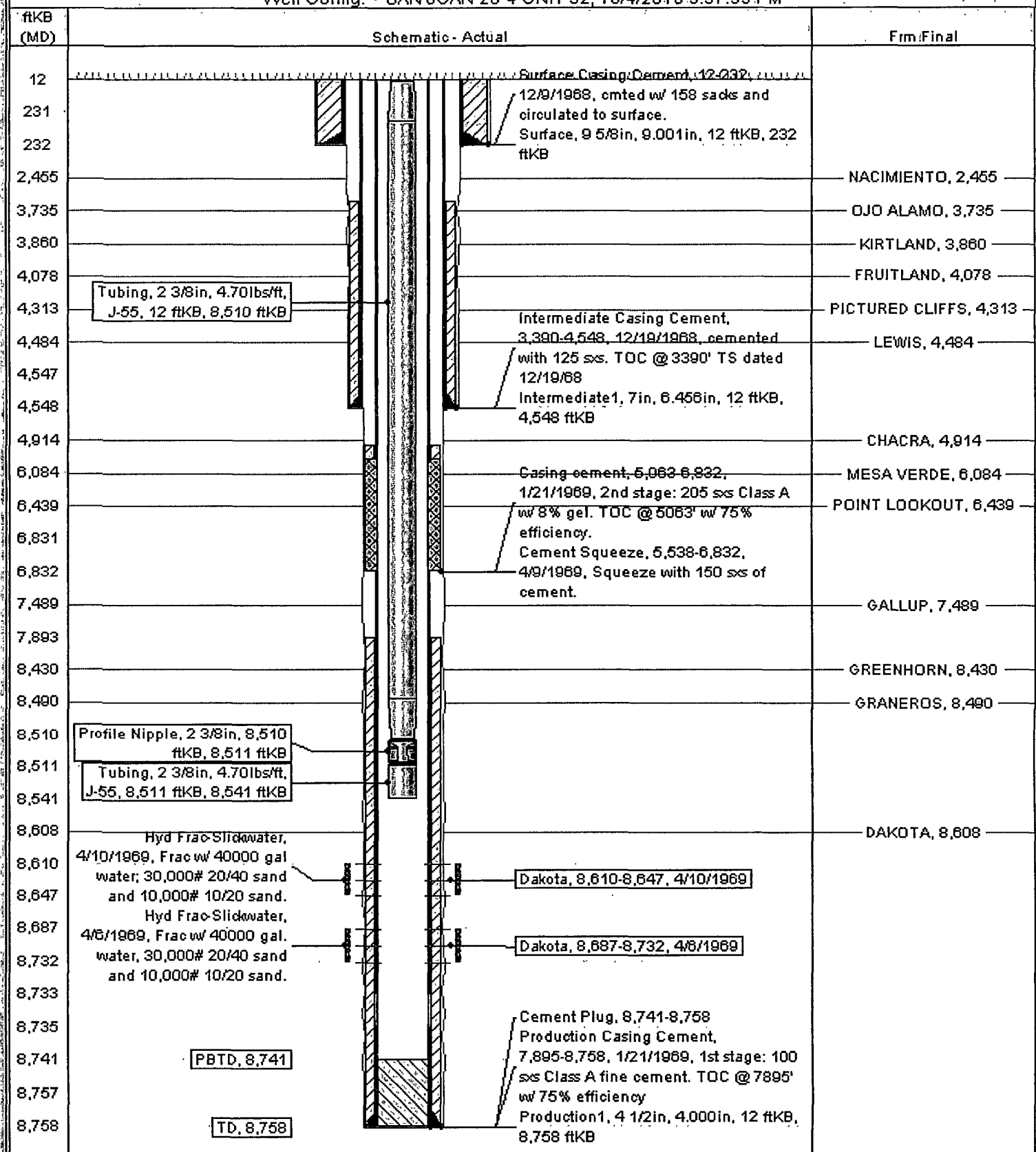
# Current Schematic

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	NMPN 032-028N-004W	Mesa Verde-PROTECTED OAS		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground 1015 Elevation (ft)	KB-Casing Hanger Elevation (ft)	KB-Tubing Hanger Elevation (ft)		

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



# Proposed Schematic

ConocoPhillips

Well Name: SAN JUAN 28-4 UNIT #32

API/ UWI 3003920174	Surface Legal Location NMPM,032-028N-004W	Field Name NASHUA, T. A. INCORPORATED CASE	License No.	State/Province NEW MEXICO	Well Configuration Type	Edit
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB Ground Distance (ft)	KB Casing (Flange) Distance (ft)	KB Tubing Hanger Distance (ft)		

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

ftKB (MD)	Frm Final	Schematic - Actual
12		Surface, 9 5/8in, 9.001in, 12 ftKB, 232 ftKB
232		Plug #9, 282, 1/1/2020
2,405	NACIMIENTO, 2,455	Cement Retainer, 2,455-2,456
2,456		Plug #8 Squeeze Perf, 2,505, 1/1/2020
3,390		
3,735	OJO ALAMO, 3,735	
3,860	KIRTLAND, 3,860	
4,078	FRUITLAND, 4,078	Cement Retainer, 4,078-4,079
4,128		Plug #7 Squeeze Perf, 4,128, 1/1/2020
4,313	PICTURED CLIFFS, 4,313	
4,547	LEVMS, 4,484	Intermediate 1, 7in, 6.456in, 12 ftKB, 4,548 ftKB
4,549		Cement Retainer, 4,548-4,549
4,864		Plug #6 Squeeze Perf, 4,598, 1/1/2020
4,915	CHACRA, 4,914	Cement Retainer, 4,914-4,915
5,063		Plug #5 Squeeze Perf, 4,964, 1/1/2020
6,034	MESA VERDE, 6,084	
6,134	POINT LOOKOUT, 6,439	
6,831		
6,981		
7,032	MANCOS, 7,031	Cement Retainer, 7,031-7,032
7,439		Plug #3 Squeeze Perf, 7,081, 1/1/2020
7,490	GALLUP, 7,489	Cement Retainer, 7,489-7,490
7,893		Plug #2 Squeeze Perf, 7,539, 1/1/2020
8,430	GREENHORN, 8,430	Bridge Plug - Permanent, 8,560-8,561
8,490	GRANEROS, 8,490	Hyd Frac-Slickwater, 4/10/1969, Frac w/ 40000 gal water, 30,000# 20/40 sand and 10,000# 10/20 sand.
8,511		Dakota, 8,610-8,647, 4/6/1969
8,560		Hyd Frac-Slickwater, 4/6/1969, Frac w/ 40000 gal water, 30,000# 20/40 sand and 10,000# 10/20 sand.
8,608	DAKOTA, 8,608	Dakota, 8,687-8,732, 4/6/1969
8,647		
8,732		
8,735		PBTD, 8,741
8,757		Production 1, 4 1/2in, 4.000in, 12 ftKB, 8,758 ftKB
		TD, 8,758
		Surface Casing Cement, 12-232, 12/9/1968, cement w/ 158 sacks and circulated to surface.
		Plug #9, 12-282, 1/1/2020
		Plug #9, 12-282, 1/1/2020, Mix approximately 130 sxs cement and spot a balanced plug from 282' to surface, circulate good cement out casing valve.
		Plug #8, 2,405-2,505, 1/1/2020, 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.
		Plug #8, 2,405-2,505, 1/1/2020
		Plug #7, 3,685-4,128, 1/1/2020, 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
		Plug #7, 3,685-4,128, 1/1/2020
		Intermediate Casing Cement, 3,390-4,548, 12/19/1968, cemented with 125 sxs. TOC @ 3390' TS dated 12/19/68
		Plug #6, 4,263-4,598, 1/1/2020, 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
		Plug #6, 4,263-4,598, 1/1/2020
		Plug #5, 4,864-4,964, 1/1/2020, 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 Chacra top.
		Plug #5, 4,864-4,964, 1/1/2020
		Plug #4, 6,034-6,134, 1/1/2020, Mix 12 sxs Class B cement and spot a balanced plug inside the casing to isolate the Mesa Verde top.
		Casing cement, 5,063-6,832, 1/21/1969, 2nd stage: 205 sxs Class A w/ 8% gel. TOC @ 5063' w/ 75% efficiency.
		Cement Squeeze, 5,538-6,832, 4/9/1969, Squeeze with 150 sxs of cement.
		Plug #3, 6,981-7,081, 1/1/2020, 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 Mancos top.
		Plug #3, 6,981-7,081, 1/1/2020
		Plug #2, 7,439-7,539, 1/1/2020, 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
		Plug #2, 7,439-7,539, 1/1/2020
		Plug #1, 8,480-8,560, 1/1/2020, Mix 12 sxs Class B cement and spot a balanced plug inside the casing to isolate the Dakota perforations.
		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