

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 22 2010

Sundry Notices and Reports on Wells

Farmington Field Office
Bureau of Land Management

- | | |
|---|---|
| <p>1. Type of Well
GAS</p> <p>2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP</p> <p>3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M

Unit H (SENE), 1617' FNL & 870' FEL, Section 32, T28N, R4W, NMPM</p> | <p>5. Lease Number
SF-079731</p> <p>6. If Indian, All. or
Tribe Name</p> <p>7. Unit Agreement Name
San Juan 28-4 Unit</p> <p>8. Well Name & Number
San Juan 28-4 Unit 32</p> <p>9. API Well No.

30-039-20174</p> <p>10. Field and Pool
Basin Dakota</p> <p>11. County and State
Rio Arriba, NM</p> |
|---|---|

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 procedure, current and proposed wellbore schematic.

RCVD SEP 24 '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 9/22/10

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date SEP 23 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.

Notify NMOCD 24 hrs
prior to beginning
operations

NMOCD

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. This well has bad casing (split) at 429' and it was difficult to pass a 3.875" overshot tool to fish out the 2.375" tubing at 7366'; the fish was recovered. Hence, we plan to set and tag the first plug with out a CIBP. 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: ⁶¹³⁴6098' – ⁶⁰³⁴5998')**: 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: ⁴⁹⁶⁴5325' – ⁴⁸⁶⁴5225')**: 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 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'.

4128 3685 4128
9. **Plug #6 (Fruitland, Kirtland and Ojo Alamo tops: 3972' - 3700')**: RIH and perforate at 3972'. RIH w/ 4.5" cement retainer and set at 3922'. *Pressure test the casing to 800 PSI. If casing does not pressure test, then spot or tag subsequent plugs as appropriate.* Mix 55 sxs Class B cement and squeeze 36 sxs outside the 4.5 casing and leave 28 sxs inside 4.5" casing to cover the Ojo Alamo top. PUH and WOC. Tag cement; PUH to 2413'.

2505 2405 2505
10. **Plug #7 (Nacimiento top: 2443' to 2313')**: RIH and perforate at 2443'. RIH w/ 4.5" cement retainer and set at 2363'. *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'.

282 282
11. **Plug #8 (10.75" Surface casing shoe, 270' - Surface)**: RIH and perforate at 270'. Then, establish circulation out casing valve with water. Mix approximately 54 sxs cement and spot a balanced plug from 270' 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 270' and the annulus from the perforation depth to surface. Shut in well and WOC.

282 282
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 Well No.	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003920174	NMPN 032-0284-00400	San Juan 28-4 UNIT #32		NEW MEXICO		
Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Casing Distance (ft)	KB-Casing Range Distance (ft)	KB-Tubing Range Distance (ft)		

Well Config: SAN JUAN 28-4 UNIT #32 9/20/2010 12:16:34 PM

ftKB (MD)	Schematic - Actual	Form Final
0		
12		
231		
232		
2,363		NACIMIENTO, 2,363
3,750		OJO ALAMO, 3,750
3,860		KIRTLAND, 3,860
3,922		FRUITLAND, 3,922
4,313	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 12 ftKB, 8,510 ftKB	PICTURED CLIFFS, 4,313
4,484		LEWIS, 4,484
4,547		
4,548		
5,275		CHACRA, 5,275
6,048		MESA VERDE, 6,048
6,439		POINT LOOKOUT, 6,439
6,831		
6,832		
7,489		GALLUP, 7,489
7,893		
8,430		GREENHORN, 8,430
8,490		GRANEROS, 8,490
8,510	Profile Nipple, 2 3/8in, 8,510 ftKB, 8,511 ftKB	
8,511	Tubing, 2 3/8in, 4.70lbs/ft, J-55, 8,511 ftKB, 8,541 ftKB	
8,541		
8,808		DAKOTA, 8,808
8,810	Hyd Frac-Slickwater, 4/10/1989, Frac w/ 40000 gal water; 30,000# 20/40 sand and 10,000# 10/20 sand.	Dakota, 8,810-8,847, 4/10/1989
8,847		
8,887	Hyd Frac-Slickwater, 4/6/1989, Frac w/ 40000 gal water; 30,000# 20/40 sand and 10,000# 10/20 sand.	Dakota, 8,887-8,732, 4/6/1989
8,732		
8,733		
8,735		
8,741	PBTD, 8,741	
8,757		
8,758	TD, 8,758	

Propose Wellbore

ConocoPhillips

Well Name: SAN JUAN 28-4 UNIT #32

API# Well	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3003920174	NMPN 032-028N-004W	McK SOUTHERN PROSPECT 044		NEW MEXICO		
Ground Elevation (ft)	Original KBWT Elevation (ft)	KB Ground Distance (ft)	KB Casing Range Distance (ft)	KB Tubing Hanger Distance (ft)		

Well Config: SAN JUAN 28-4 UNIT 32, 9/20/2010 12:10:33 PM

ftKB (MD)	Schematic - Actual	Frm Final
0	Surface Casing Cement, 12-232	
12	12/9/1968, cmted w/ 158 sacks and circulated to surface.	
231	Surface; 9 5/8in, 9.001in, 12 ftKB, 232 ftKB	
232	Cement plug, 12-270	
2,363		NACIMIENTO, 2,363
2,413	Cement plug, 2,313-2,413	
2,414	Cement Retainer, 2,413-2,414	
3,750		OJO ALAMO, 3,750
3,860		KIRTLAND, 3,860
3,922		FRUITLAND, 3,922
4,313	Cement plug, 3,700-3,972	
4,484	Intermediate Casing Cement, 3,390-4,548, 12/19/1968, cemented with 125 sxs. TOC @ 3390' TS dated 12/19/68	PICTURED CLIFFS, 4,313
4,547	Intermediate 1, 7in, 8.456in, 12 ftKB, 4,548 ftKB	LEWIS, 4,484
4,548	Cement plug, 4,263-4,598	
4,598	Cement Retainer, 4,598-4,599	
4,599	Cement plug, 5,225-5,325	
5,275	Cement plug, 5,998-6,098	
6,048	Casing cement, 5,083-6,832, 1/21/1969, 2nd stage: 205 sxs Class A w/ 8% gel. TOC @ 5063' w/ 75% efficiency.	CHACRA, 5,275
6,439	Cement Squeeze, 5,538-6,832, 4/9/1969, Squeeze with 150 sxs of cement.	MESA VERDE, 6,048
6,831		POINT LOOKOUT, 6,439
6,832	Cement Retainer, 7,489-7,490	
7,489	Cement plug, 7,439-7,539	GALLUP, 7,489
7,490		
7,893		
8,430		GREENHORN, 8,430
8,490		GRANEROS, 8,490
8,510		
8,511		
8,541		
8,560	Cement plug, 8,460-8,560	
8,561	Bridge Plug - Permanent, 8,560-8,561	
8,608	Hyd Frac-Slidewater, 4/10/1969, Frac w/ 40000 gal water; 30,000# 20/40 sand and 10,000# 10/20 sand.	DAKOTA, 8,608
8,610		
8,647	Hyd Frac-Slidewater, 4/6/1969, Frac w/ 40000 gal water; 30,000# 20/40 sand and 10,000# 10/20 sand.	
8,687		
8,732		
8,733		
8,735		
8,741	PBTD, 8,741	
8,757		
8,758	TD, 8,758	
	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	

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 32 San Juan 28-4 Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made:
 - a) Place the Mesaverde plug from 6134' – 6034'.
 - b) Place the Chacra plug from 4964' – 4864' inside and if no cement in annulus outside the 4 ½" casing.
 - c) Place the Fruitland/Kirtland/Ojo Alamo plug from 4128' – 3685' inside and outside the 4 ½" casing.
 - d) Place the Nacimiento plug from 2505' – 2405' inside and outside the 4 ½" and 7" casings.
 - e) Place the Surface plug from 282' to surface inside and outside the 4 ½" and 7" casings.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.