

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 20 2008

Sundry Notices and Reports on Wells

Bureau of Land Management  
Farmington Field Office

1. Type of Well  
GAS

6. Lease Number  
NM-03863  
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 37M

9. API Well No.  
30-039-30377

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

Sur: Unit P (SESE), 630' FSL & 845' FEL, Section 29, T28N, R04W, NMPM  
Bot: Unit J (NWSW), 1440' FSL & 1835' FEL, Section 29 T28N, R04W, NMPM

10. Field and Pool  
Basin Dakota  
Blanco Mesaverde  
11. County and State  
Rio Arriba Co., NM

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

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging

☐ Casing Repair

☐ Altering Casing

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

☒ Other - Change of plans

13. Describe Proposed or Completed Operations

Burlington Resources plans to revise the 4 1/2" production cementing job per the note below. See the attached revised drilling program and laboratory cement report. Reason for the revision is changing vendors with their recommendation for 6 1/4" air-drilled hole.

Note: 450sx (612CF-109bbbls) 50:50 POZ/ Mountain G cmt, .25 lb/sk Cellophane Flake (D29, lost circ), 5 lb/sk Gilsonite (D24, extender), 3.5% Bentonite (D20, extender), .25% Fluid Loss (D167), .15% Friction Reducer (D65, Dispersant), .15% retarder (D198), .1% antifoam (D46).

RCVD AUG 26 '08  
OIL CONS. DIV.  
DIST. 3

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

Signed Tamra Sessions Tamra Sessions Title Staff Regulatory Technician Date 8/22/2008

(This space for Federal or State Office use)

APPROVED BY [Signature] Title Petr. Eng. Date 8/25/08

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 86

## Laboratory Cement Test Report-Tail Slurry

Pilot

Fluid No. :	Client :	Pilot	Location / Rig :	Pilot	Signatures
Date : Jun-28-2006	Well Name :	Pilot	Field :	Basin	Dave

Job Type	L/S	Depth	7000.0 ft	TVD	7000.0 ft
BHST	167 degF	BHCT	130 degF	BHP	4200 psi
Starting Temp.	80 degF	Time to Temp.	00:37 hr:mn	Heating Rate	1.34 degF/min
Starting Pressure	500 psi	Time to Pressure	00:37 hr:mn	Schedule	9.6-5

### Composition

Density	13.00 lb/gal	Yield	1.39 ft <sup>3</sup> /sk	Mix Fluid	6.987 gal/sk
Porosity	57.5 %	Solid Fraction	42.5 %	Slurry type	Extended

### Blend

Code	Mass Per Sack
G Mountain	47 lb
D048n	30 lb

Code	Concentration	Sack Reference	Component	Blend Density	Lot Number
Gm50/50		77 lb of BLEND	Blend	161.06 lb/ft <sup>3</sup>	
Fresh water	5.987 gal/sk		Base Fluid		
D029	0.250 lb/sk		lost circ		
D024	5.000 lb/sk		extender		
D020	3.500 %BWOB		extender		
D167	0.250 %BWOB		fluid loss		
D065	0.150 %BWOB		dispersant		
D198	0.150 %BWOB		retarder		
D046	0.100 %BWOB		antifoam		

### Rheology (Average readings)

(rpm)	(deg)	(lb/cg)
300	57.0	58.0
200	43.5	43.5
100	29.5	29.0
60	23.0	22.5
30	18.0	15.5
6	14.0	7.5
3	13.5	6.0

Temperature	80 degF	130 degF
Pv: 43.501 cP	Pv: 46.070 cP	
Ty: 14.12 lb/100ft <sup>2</sup>	Ty: 12.51 lb/100ft <sup>2</sup>	

### Thickening Time

Consistency	Time
POD :	03:00 hr:mn
30 Bc	03:32 hr:mn
70 Bc	04:10 hr:mn
100 Bc	04:19 hr:mn
Remark : Thickening time do not include batch time	

### Free Fluid

0.0 mL/250mL	in 2 hrs
At 130 degF and 90 deg incl.	
Sedimentation	None

### UCA Compressive Strength

Time	GS
08:33 hr:mn	500 psi
10:00 hr:mn	1000 psi
24:00 hr:mn	2418 psi
48:00 hr:mn	2433 psi

### Fluid Loss

API Fluid Loss	164 mL
58 mL in 15.0 min	at 130 degF and 1000 psi

Burlington Resources

San Juan 28-4 Unit #37M

T - 28 N Objective: MV/DK New Drill  
R - 4 W Footages: 630' FSL, 845' FEL  
Sec 29

Estimated Day: 13 days

Rig: AWS #711 BLM Phone #  
GL: 7387' 505-599-8907  
KB: 7402' OCD Phone #  
505-334-6178

API # APD/BLM:  
30-039-30377 2/25/2008  
Network # AFE #  
MV-10159759 MV-WAN ZA2.7054  
DK-10159781 DK-WAN.ZA2 7055  
Lease #  
USA NM-03863  
Like-Kind (AFE) Cost  
130 \$/FT \$1,006,473  
APD TMD: 8999'

San Juan Division - Drilling Program

In case of Major Emergency Call 911  
Give the following information to Operator:  
County: Rio Arriba  
State: NM  
Well Name: San Juan 28-4 Unit #37M  
Latitude: 36 degrees, 37 minutes, 32.977 seconds, (NAD83) 36 degrees, 37 minutes, 32.945 sec(NAD27)  
Longitude: 107 degrees, 16 minutes, 4.1088 seconds, (NAD83) 107 degrees, 16 minutes, 1.953 sec(NAD27)  
Driving Directions: From HWY 64 at intersection Forest Road (FR) 314, at 2.6 miles BLM game theft sign,, at 5.3 miles FR 314 sign, at 6.6 miles stay right, FR 314 sign, at 7.5 miles stay right FR 314 sign, at 7.8 miles stay left at -Y-, at 8.1 miles FR sign, turn right at Vigas Mesa at 357, at 9.4 miles FR 357 sign, stay right at 357, onto FR 357L on left, at 9.6 miles cross cattle guard 320 M-10 BR, at 10.2 Vigas Mesa, at 10.75 begins new access on the left (twinned well locations: San Juan 28-4 #37M and San Juan 28-4 #37N).

Environmental, Health & Safety				
	TRIR*	FAT	Restrict'd Duty	OSHA Rec
Goal	2.1	0	0	0
Actual (7/24/08)	3.82	0	6	11

\* TRIR - Total Recordable Incident Rate per 200,000 man-hours.

Environmental Goals: - Zero Spills on Location, - Remove Trash from Roads and Locations  
San Juan 28-4 33E (MV/DK, 5 mi SE, 2006): Drild 12 1/4" hole T/ 330' Cmt'd 9 5/8" csg w/ 190% excess cmt & circ 38 bbls T/ surf Drild 8 1/4" F/ 330' T/ 4504' W/ survey between .5 T/ 1 degrees, lost circ @ 4339' & established circ W/ 25% LCM afterwards, plugged bit & switched bits F/ HC607Z (87 fth F/ 330' T/ 4339') T/ GTO9C (20 fth F/ 4339' T/ 4504'). Cmt'd 7" csg in two stage job W/ 100% excess on both stage & circ 54 bbls on 1st stage & 56 bbls on 2nd stage (DV tool @ 3811') An drild 6 1/4" hole T/ 8718'. Note on Wellview ran pitot @ TD (8718'). "pitot read zero, gas but not reading on pitot". cmt'd W/ 40% excess cmt & had an overlap of 1844' into previous csg

TVD	TMD	Geology	Hydraulics	Drig Fluids	Cement	Materials
0'	0	San Jose				
349'	349	SCP	12 1/4" Retp	Spud Mud	Pre-set by Mote, drild T/ 354', csg @ 349'	1 Woodgroup wellhead 1 Wellhead fuzz cap 349 feet 9-5/8" 32 3# H-40 STC 1 9-5/8" sawtooth guide shoe 3 Bow Type Centralizers 1 Wooden Plug /displacement
3769	3955	Ojo Alamo	8 3/4" HCM506Z 6-14's 8-30K WOB 400-450 GPM 65 RPM	Drill out from under surface w/ Clean Faze (Vis 33-35; WT 8.5-9.0 ppg. WL of 5-6 cc/30 min). Sweep hole with gel/fiber as needed. Don't hesitate to mud hole up!	2-Stage Intermediate Cement Procedure Stage 1 Preflush: 10 bbls Gel Wtr (WF110), 2 bbls FW Tail: 50:50 POZ/ Min G cmt, 25 lb/sk Cellophane Flake (D29, lost circ), 5 lb/sk Gilsonite (D24, extender), 2% Bent (D20, extender), 2% CaCl (S001, accel), 15% Friction Reducer (D65, Dispersant), 1% D46 (Antifoam) 210 sks 13.5 ppg 5.17 gal/sk 259.6 cu.ft 1.26 cu.ft/sk 130%	Intermediate String 1 7" Float Shoe (Gemoco) 40 feet Shoe Joint 7" 23.0#, J-55 LT&C 1 7" Latched Down Plug Float Collar (Gemoco) 4781 feet 7" 23.0#, J-55 LT&C 30 7" x 8-3/4" Tandem Rise type, on the middle of the shoe jt and then one every 4th jt, to surface shoe and one inside the surface shoe
3891	4085	Kirtland	115-125 SPM		Pre-treat w/ 10% LCM at 4000'	Totals 4971 feet 7" 23.0#, J-55 LT&C w/ 150' extra 30 7" x 8-3/4" Tandem Rise type centralizers
3958	4097	Stage Tool (if needed)				Production String 1 4-1/2" Float Shoe (Gemoco) 1 4-1/2" Float Collar w/ Insert and latch in plug 418 feet 4-1/2" 11 6#, J-55 LT&C 10 feet 4-1/2" 11 6#, J-55 LT&C marker jt 150' above the Graneros 3415 feet 4-1/2" 11 6#, J-55 LT&C 10 feet 4-1/2" 11 6#, J-55 LT&C marker jt @ the Huerfano Bentonite 325 feet 4-1/2" 11 6#, J-55 LT&C 4821 feet 4-1/2" 11 6#, L-80 LT&C to surface 7 4-1/2" x 6-1/4" bowspring centralizers, every other joint for the fist 12 joints and one in 7" shoe
4349	4157	Fruitland				Totals 4178 feet 4-1/2" 11 6#, J-55 LT&C 4971 feet 4-1/2" 11 6#, L-80 LT&C + 150 feet extra 7 4-1/2" x 6-1/4" bow type If 4-1/2" or 7" J-55 grade casing is not in stock, substitute with L-80 or N-80
4509	4721	Lewis	6-1/2"			Soft Rock Have mudloggers on location from 100' above Greenhorn to TD Mudloggers will be Softrock (970-247-8868) No Open hole logs
4609	4821	ICP	7-8 lobe 5.0 stage 0.28 rev/gpm mud motor	Make wiper trip @ TD	Production Cement Procedure Preflush 10 bbls Gel Wtr, 10 bbls L-64 (KCL), 10 Gel Wtr Tail: 50:50 POZ/ Mountain G cmt, 25 lb/sk Cellophane Flake (D29, lost circ), 5 lb/sk Gilsonite (D24, extender), 3.5% Bentonite (D20, extender), 25% Fluid Loss (D167), 15% Friction Reducer (D65, Dispersant), 15% retarder (D198), 1% antifoam (D46) 450 sks 13.0 ppg 5.99 gal/sk 611.8 cu.ft 1.39 cu.ft/sk 40%	
4944	5156	Huerfano Bentonite				
5309	5521	Chacra				
5921'	6133	Upper Cliffhouse	New Diamond Air 6-1/4" Bit Marquis CV462 on Halco Hammer	Air/Nitrogen 1800-2000 cfm 400 - 500 psi		
3124'	6336	Cliffhouse				
3189	6401	Menelee				
3511'	6723	Pt. Lookout				
7062'	7274	Mancos Shale				
7688'	7900	Gallup	2-4 K WOB 30-40 RPM	Run 1-3 #/ft lube beads for friction		
7462'	8674	Greenhorn				
7519'	8731	Graneros				
7582'	8794	Two Wells	Slow ROP before drilling into the top of Greenhorn.	Oxygen conc MUST be 8% or less while drilling prod hole section.		
7662'	8874	Upper Cubero	Reduce WOB to 2,000 & RPM to 25			
7712'	8924	Lower Cubero				
767'	8979	Oak Canyon				
762'	8974	Est Btm Perf				
783'	8995	Est PBTD				
787'	8999	TD/Encinal				

S:\SJSJ\Implementation Program\2008\011 Development\San Juan 28-4 Unit 37M\San Juan 28-4 Unit 37M drillprog.xls (REV2)\Directional.xls\PROG