

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

1. Type of Well
GAS

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

3. Address & Phone No. of Operator

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

4. Location of Well, Footage, Sec., T, R, M
Sec., T--N, R--W, NMPM

Unit J (NWSE) 1785' FSL & 1580' FEL, Sec. 32, T27N, R4W NMPM

5. Lease Number

SE-080670

If Indian, All. or

Tribe Name

7. Unit Agreement Name

San Juan 27-4 Unit

8. Well Name & Number

San Juan 27-4 Unit 54G

9. API Well No.

30-039-30234

10. Field and Pool

Basin DK

11. County and State
Rio Arriba Co., 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 Change to Foam Cement

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

RCVD AUG2'07

OIL CONS. DIV.

13. Describe Proposed or Completed Operations

DIST. 3

ConocoPhillips requests to change the cement plan to foam cement.

7/23/07 Foam cement job will be pumped in place of the standard slurry that has been approved for this well. Slurries will match previously pumped and approved foam modifications, see below. Differences should be negligible as the same criteria are used to design the job. The foamed lead slurry will be pumped as follows:

Please see attached slurry:

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

Signed Tracey N. Monroe

Tracey N. Monroe Title Regulatory Tech Date 7/31/07

(This space for Federal or State Office use)

APPROVED BY Troy L. Salvers

Title Petroleum Engineer

Date 8/01/2007

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

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BURLINGTON RESOURCES

SAN JUAN 27-4 UNIT #54G

T - 27 N
R - 4 W
Sec 32

Objective: DK New Drill
Footages: 1785' FSL, 1580' FEL

Rig: AWS 301
GL: 6967'
KB: 6982'

Network# 10159835
DK AFE# WAN.ZA2 7197

San Juan Division - Drilling Program

In case of Major Emergency Call 911

Give the following information to Operator:

Well Name: SAN JUAN 27-4 UNIT #54G
County: RIO ARRIBA
Latitude: 36 degrees, 31.6639 minutes
State: NM
Longitude: 107 degrees, 16.2072 minutes
From Bloomfield @ 550 and 64, go East on 64 to mile marker 96.3 and take a right. Stay on main road and turn left @ 3.4 miles, continuing on main road. Come to an intersection @ 6.7 miles (from hwy) and turn right, heading South towards Santos Peak. Go 7.75 miles to intersection, turn right (south) at intersection. Cross Carrizo Canyon Wash and continue to 4-way intersection @ 1.2 miles. Turn left (SE) on FR 357 and head towards Jasmillo Canyon. At 4.65 miles, Turn right (S) and go .35 mile to SJ 46E location, sharing pad with the SJ 27-4 54G.

Environmental, Health & Safety

"Opportunities are usually disguised as hard work, so most people don't recognize them." Ann Landers
"Nothing is particularly hard if you divide it into small jobs." Henry Ford

	TRIR*	LTA	Restrict'd Duty	OSHA Rec	1st Aid
Goal	1	0	0	0	0
Actual (5/07/07)	2.94	1	5	3	49

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

Environmental Goals:

- Zero Spills on Location
- Remove Trash from Roads and Locations

TMD	Geology	Hydraulics	Drig Fluids	Cement	Materials
0'	San Jose	12 1/4" Retip	Clean Faze	Type III cement with 3% CaCl2 and 1/4 pps celloflake	1 Cameron flanged wellhead
216'	SCP	Hughes: 8 3/4" 506ZX 6-14's 10-20K WOB 60-70 RPM	Drill out from under surface w/ Clean Faze (Vis 33-35) WT 8.5-9.0 ppg. WI of 6-8 cc/30 min. Sweep hole with gel/fiber as needed. Mud up to 40-45 vis 200 before TD. If losses are incurred, mix gel to 45 vis 2/35% LCM in closed system	173 sks 221 5 cu.ft 1 28 cu ft/sk 5 77 gal per sk 200%	216 feet 9-5/8" 32 3 0# J-55 STC 1 9-5/8" sawtooth guide shoe 3 Bow Type Centralizers 1 Rubber Plug /displacement
3272'	Ojo Alamo	6-3/4" motor w/ 7/8 lobe, 28 rev/gal, and shock sub	Keep Surface ROP less than motor ROP	2-Stage Intermediate Cement Procedure Stage 1: Preflush: 10 bbls gel water, 2 bbls fresh water Scavenger: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake, 5 pps LCM-1, 0.4% FL-52 and 0.4% SMS. 19 sks 11.0 ppg 17.89 gal/sk 56 cu.ft 3.02 cu.ft/sk 130% Lead: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake, 5 pps LCM-1, 0.4% FL-52 and 0.4% SMS. 59 sks 12.1 ppg 11.29 gal/sk 125 cu.ft 2.13 cu.ft/sk 130% Tail: Type III cmt. w/ 1% CaCl, 0.25 pps Cello-Flake and 0.2% FL-52. 95 sks 14.6 ppg 6.64 gal/sk 130 cu.ft 1.38 cu.ft/sk Top @ 3217'	Intermediate String 1 7" Float Shoe (Gemoco) 42 feet Shoe Joint 7" 23 0#, J-55 LT&C 1 7" Float Collar (Gemoco) 42 feet 7" 23 0#, J-55 LT&C 3937 feet 7" 20.0#, J-55 ST&C 5 7" x 8-3/4" bow type every 3rd jnt to Ojo 2 7" x 8-3/4" turbolizer centralizers at base of Ojo 19 7" x 8-3/4" bow type every 4th jnt to surface csg Totals 234 feet 7" 23.0#, J-55 LT&C w/ 150' extra 3937 feet 7" 20.0#, J-55 ST&C 24 7" x 8-3/4" bow type centralizers 2 7" x 8-3/4" turbolizer centralizers
3404'	Kirtland				Production String 1 4-1/2" Float Shoe (Gemoco) 1 4-1/2" Float Collar w/ Insert and latch-in plug 330 feet 4-1/2" 11 6#, J-55 LT&C to Greenhorn 10 feet 4-1/2" 11.6#, J-55 LT&C marker jt 84 feet 4-1/2" 11 6# J-55 LT&C 3761 feet 4-1/2" 10 5#, J-55 ST&C to Huerfano Bentonite 10 feet 4-1/2" 10 5#, J-55 ST&C marker jt 2711 feet 4-1/2" 10 5#, J-55 ST&C 1318 feet 4-1/2" 11.6#, J-55 LT&C 6 4-1/2" x 6-1/4" every other jnt off bottom 1 4-1/2" x 6-1/4" at intermediate casing shoe Totals 6482 feet 4-1/2" 10.5#, J-55 ST&C 1892 feet 4-1/2" 11 6#, J-55 LT&C w/ 150' extra 7 4-1/2" x 6-1/4" bow type
3148'	Stage tool				Production Cement Procedure Preflush: 10 bbls Chem Wash, 2 bbls FW Scavenger: Premium Lite HS FM + 0.25pps Cello-Flake, 0.3% CD-32, 6.25pps LCM-1, 1% FL-52. 9 sks 3.02 cu.ft/sk 27 cu.ft 17.89 gal/sk 11.0 ppg 40%
3448'	Fruiland				
3774'	Pictured Cliffs				
3921'	Lewis				
4021'	ICP				
4039'	Huerfano Bentonite				
4723'	Chacra	New Diamond Air Bit Marquis CV462 on Halco Hammer			
5450'	Massive Cliff House				
5583'	Menefee	2-4 K WOB 30-40 RPM	Air/Nitrogen		
5924'	Point Lookout				
6445'	Mancos Shale	Slow ROP before drilling into the top of Greenhorn	Compressor 1800 scfm 400 - 500 psi		
7092'	Gallup				
7894'	Greenhorn	2K WOB 25 RPM	Use N2 membrane unit from ICP to TD		
7954'	Graneros				
7975'	Two Wells				
8112'	Upper Cubero				
8149'	Lower Cubero				
8204'	Oak Canyon				
8220'	Est PBTD				
8224'	Encinal				
8224'	Total Depth				

Offset Summary

San Juan 27-4 #46N (MV/DK, 2005, 1 mi NW): No problems with surface Cemented with 200% excess, circulated 16 bbls to the reserve pit. Drilled Intermediate hole w/ a GT-09C's (91 FPH) and clean phase from 238'-3815'. Cemented in two stages with 125% and 100% excess, circulated 15 & 14 bbls on the first and second stages respectively. N2 drilled Production hole with w/ Marquis CV462 (101 f/hr) from 3815'-8075'. Cemented Production casing with 35% excess (182 ft of overlap)

San Juan 27-4 #51M (MV/DK, 2005, 1.5 mi N): Drilled and Set Surf @ 216'. Did not circ cmt to surf. Drilled Inter Hole w/ GT-09C (70 FPH). Lost returns at 219' - 323'. Mix 200 bbls with +40% LCM. Short trip to bit, bit balled. Tight hole for 5 stands #3 - #8 TH, washed 20' fill to bottom. No Probs w/ hole running csg. Cmt'd in 2-stgs w/ 125% & 100% excess, circ 10 & 64 bbls. PF 1st stage with 10/2, and PF 2nd stage with 10/10/10. Air drilled Prod Hole w/ Diamond bit (100 FPH). No problems. Cmt'd LS w/ 35% excess and 310' overlap

San Juan 27-4 Unit #54M (MV/DK, 2004, .25 mi E): Cement 9-5/8" csg at 235' with no issues, circ 14 bbls. Drilled 8-3/4" hole with GT09C to 3955' @ 65/hr. Pretreated PC w/ 20% LCM prior to drilling. Pulled 20-40k over from 3775' to 2200' (Ojo) on short trip. Set 7" @ 3945. Cement in 2 stages w/ 125% excess, circulating 10 bbls and 34 bbls. Drilled 6-1/4" hole on air to 8182' @ 100/hr. Cement 4-1/2" csg with 40% excess, TOC @ 3640'

Operational Notes

- Contact office for instructions on intermediate casing cement job. Contact Halliburton (324-3500) if performing foam cement job. Use BJ (327-6222) for all other cement work. If performing 2-stage intermediate cement job, contact office staff if you do not circulate cement on 1st stage.
- Pretreat coal w/ 25% LCM to mitigate expected losses
- If performing foam cement job, contact WSI for choke manifold and piping (326-0308).
- Contact Southwest Bit & Tool for bit and motor needs (632-1452)
- Call all proper regulatory agencies, including OCD, 24 hours in advance of BOP testing, spud, running csg, or cementing. Leave message if after hours (BLM 599-8907, OCD 334-6178)
- Drill intermediate hole with Clean Phase w/ sweeps as needed, mud up as hole dictates
- Transfer mud to next location
- Short trip to drill collars unless hole dictates otherwise
- Rig up blooe line before drilling Kirtland. Ensure pilot light is on before drilling with air
- Caliper everything that goes through the table
- Install drilling head rotating rubber once BHA is buried
- Circulate 7" casing every 15-20 joints and wash last 5 joints to TD
- Reserve pits must be lined
- Fill out all Check Sheets (MIRU, pre-spud) and take pictures of location
- Use Weatherford/Gemoco for all float equipment needs.
- Wet roads as necessary to keep dust down
- Well should take an estimated 11 days to drill
- Contact Cameron before ng move to install tubing head assembly after moving sub-structure (327-3402)
- Notify Phoenix Services to acquire deviation survey at rig down (325-1125, phoenixservices@zianet.com)
- Surface Owner Forest Service
- Obey posted speed limits and keep all gates locked!!