the United States any false, fictitious or transdulent

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

RECEIVED

<u>aug 2</u> 0 2008 Sundry Notices and Reports on Wells Bureau or Lano Management Farming an Fier Office Number NM-03863 Type of Well If Indian, All. or 6. **Tribe Name** GAS 7. **Unit Agreement Name** 2. Name of Operator San Juan 28-4 Unit BURLINGTON RESOURCES OIL & GAS COMPANY LP Well Name & Number Address & Phone No. of Operator San Juan 28-4 Unit 37M PO Box 4289, Farmington, NM 87499 (505) 326-9700 9. API Well No. 30-039-30377 4. Location of Well, Footage, Sec., T, R, M 10. Field and Pool Sur: Unit P (SESE), 630' FSL & 845' FEL, Section 29, T28N, R04W, NMPM **Basin Dakota** Bot: Unit J (NWSW), 1440' FSL & 1835' FEL, Section 29 T28N, R04W, NMPM 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 Type of Action X Notice of Intent X Other - Change of plans Abandonment Change of Plans Recompletion New Construction Subsequent Report Plugging Non-Routine Fracturing Water Shut off Casing Repair Final Abandonment Altering Casing Conversion to Injection 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-109bbls) 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 Title Staff Regulatory Technician Date 8/22/2008 (This space for Federal or State Office use) APPROVED BY Title CONDITION OF APPROVAL, if any: any person knowingly and willfully to make any department or agency of tatements or representations as to any matter within its jurisdiction Title 18 U S C Section 1001, makes it acrime for

Laboratory Cement Test Report-Tail Slurry

Paled

						######################################	Signatures
Fluid No :		Client	: Pilot		Location / F	Rig :Pilot	
Date Jun-28-	-2006	Well Name	: Pilot		Fleld	: Basin	Dave
Job Type	L/S	······································	Depth		7000.0 ft	TVD	7000.0 ft
BHST	187 degF		BHCT		130 degF	внР	4200 psi
Starting Temp.	80 degF		Time to Ten	۱p.	00:37 hr:mn	Heating Rate	1.34 degF/min
Starting Pressure	500 psi		Time to Pres	ssure	00:37 hr:mn	Schedule	9.6-5
Composition							
Density	13.00 lb/gal	Yiel	d	1.3	9 ft3/sk	Mix Fluid 5.	987 gaVsk
Porosity	57.5 %	Soli	d Fraction	42.	5 %	Slurry type Ex	rtended
Blend							
(edite	Wedling's	12					
G Mountain	47 lb						
D048n	30 lb						

(egg)(if)	Concentration	5 GRER eferentet	Companent	s -: Blend Density 💸 🏰 Lot Number 🖫 🎉
Gm50/50		77 lb of BLEND	Blend	161.06 lb/ft3
Fresh water	5.987 gal/sk		Base Fluid	
D029	0.250 lb/sk		lost circ	
D024	5.000 lb/sk		extend e r	
D020	3.500 %BWOB		extender	
D167	0.250 %BWOB		fluid loss	i i
D065	0.150 %BWOB		dispersant	
D198	0.150 %BWOB		retarder	
D046	0.100 %BWOB		antifoam	

Rheology (Average readings)

(Trought training training of								
as a from	and promise	and the second						
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 lbf/100ft2	Ty: 12.51 lbf/100ft2		

Thickening Time

Gamsification 2002	
POD:	03:00 hr:mn
30 Bc	03:32 hr:mn
70 Bc	04:10 hr:mn
100 Bc	04:19 hr:mn
Remark: Thickenin	g time do not include batch time

Free Fluid

0.0 mL/250mL	in 2 hrs
At 130 degF and 90 deg in	cl.
Sedimentation	None
11000	41

UCA Compressive Strength

ulide a serie de la company	(6S)
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 Los	ss	164	mL
58 mL in	15.0	at 130 degF	and 1000 psi
	min		

Burlington Resources San Juan 28-4 Unit #37M

T - 28 N Objective: MV/DK New Drill

R-4W Sec 29

Estimated Day: AWS #711

7387 505-599-8907 KB: 7402 OCD Phone it

Footages: 630' FSL, 845' FEL

13 days

BLM Phone #

MV-10159759 MV-WAN ZA2,7054 Latitude: DK-10159781 DK-WAN,ZA2 7055 Longiture: Lease #

APD/BLM:

2/25/2008

AFE#

USA NM-03863

API#

30-039-30377

Network #

Like-Kind (AFE) Cost 130 \$/FT \$1,006,473

San Juan Division - Drilling Program

In case of Major Emergency Call 911 Give the following information to Operator: County: Rio Arriba Well Name: San Juan 28-4 Unit #37M State: NM 36 degrees, 37 minutes, 32,977 seconds, (NAD83) 36 degrees, 37 minutes, 32.945 sec(NAD27) 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, a 6.6 miles stay right, FR 314 ston, at 7.5 miles stay right FR 314 ston, at 7.8 miles stay left at -Y-, at 8.1 miles FR sigh, 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 25% LCM. afterwards, plugged but & swatched bits F/ HC 607Z (87 ft/m F/ 330° T/ 4330°) T/ GTOOC (20 ft/m F/ 4330° T

		505-334-61		APD TMD:	0933	}			
TVD		TMD	Geology	Hydraulics	Orig Fluids		Cement		Materials
0' GENYE'IL		349	San Jose SCP	12 1/4" Retip	Spud Mud	Pre-set by f	lote, drld T/ 354', csg (@ 349'	1 Woodgroup wellhead 1 Wellhead fuzz cap 349 feet 9-5/8* 32 3# H-40 STC
3	6.5352		f 数量型 被决定	8 3/4" HCM506Z	Drill out from under		rmediate Cement Proc	edure	1 9-5/8" sawtooth guide shoe
3769		基础	·梅森·森·森·森	6.145	surface w/ Clean Faze	ST - THE AND AND THE THE PERSON OF			3 Bow Type Centralizers
		1	至多大大学的发展。	8-30K WOB	(Vis 33-35; WT 8.5-9 0 ppg; WL of 5-6 cc/30	Outdoin	医西部甲基氏学录		Wooden Plug f/displacement
3/69	11/25	3955	Ojo Alamo	400-450 GPM 65 RPM	min). Sweep hole with	Preflush: 10 bbls Gel Wi	(WF110), 2 bbls FW cmt, 25 lb/sk Cellophane I		Intermediate String
3891	持門是繼續	4085	Kirtland	115 125 SPM	a gel/fiber as needed.		Cmr, 25 lo/sk Cellophane i D24, extender), 2% Bent (D2		177 Float Shoe (Gemoco) 40 feet Shoe Joint 7: 23.0# J-55 LT&C
			5. 北京市港區市	2	Don't hesitate to mud		15% Friction Reducer (D65		1.7 Latched Down Plug Float Collar (Gemoco)
		4097	Stage Tool (if needed)	尼 森。高美	hole upl	.1% D46 (Antifoam).			4781 feet 7*, 23.0#, J 55 LT&C
	警的松 唇					210 sks	13.5 ppg 1.26 cu.fl/sk,	5.17 gal/sk	30, 7, x 8-3/4. Tandem Rise type, 1, on the middle i
3958	一一 明治	4157.	Fruitland			259.6 cu.ft	1.26 cu.fl/sk	130%	the shoe it and then one every 4th it. to surface
** 3 3	學的是	The same is		医基础性	Pretreat w/ 10% LCM	If losses incurre	d CemNET can be added on	location	shoe and one inside the surface shoe
4349	[2] [2]	4560	Pictured Cliffs		at 4000'				Totals
4509		4704		ALC: YES			ail Cmt at Stage tool (4097 ft)		4971 feet 7", 23.0#, J-55 LT&C W/ 150 extra
1609	1. 证据等人		Lewis ICP	6.1/2		Stage 2	(WF110), 2 bbls FW	的。1988年1月1日 新企工工程已经	30 7" x 8-3/4" Tandem Rise type centralizers
.003		7 -30-1	" India "Bur yaster . "And at a tea	7:8 lobe			XI / 25% Class G Cement,	. 0.25 lb/ev	Production String 1 4-1/2* Float Shoe (Gemoco)
1944		5156	Huerfanito Bentonite	5.0 stage			9, lost circ), +3% Sodium M		1 4-1/2" Float Collar w/ Insert and latch in plug
309		5521	Chacra	0.28 rev/gpm	Make wiper trip	(D079 extender), +.20%	D046 (Antifoam)	新疆	418 feet 4-1/2" 11.6#, J-55 LT&C
		0.48(1)		mud motor.	- @ πο : · ·	25 sks		23.81 gal/sk	10 feet 4-1/2" 11 6#. J-55 LT&C marker jt 150' above th
				上達赫德			3.64 cu.tt/sk	0%	Graneros
		ž.					% Class G Cement, + 0.25 I		3415 feet 4-1/2" 11 6#, J-55 LT&C
5921'		6133	Upper Cliffhouse		建 ,并被扩张	+.20% D046 (Antifoam)	+3% Sodium Medasilicate ((Dura extender),	10 teet 4-1/2* 11 6#, J-55 LT&C marker it @ the Heurfanito Bentonite
3124' 3189		6336 6401	Cliffhouse Menetee			570 sks	11.7 ppg	11.72 gal/sk	325 feet 4-1/2" 11 6#, J-55 LT&C
,,,,,		9701	MCHOICO				2.10 cu.ft/sk	120%	4821 feet 4-1/2" 11 6#, L-80 LT&C to surface
3511'		6723	Pt. Lookout						7 4-1/2" x 6-1/4" bowspring centrilizers, every oth
	Ē.			La M. Do sales for		国家建设建设			joint for the fist 12 joints and one in 7"shoe
7062'	3	7274	Mancos Shale	New Diamond Air		1.2013/2015			
	Š.			6-1/4° Bit Marquis CV462 on Halco	Air/Nitrogen	一种影響。			<u>Totals</u>
688,		7900	Gallup	Hammer	1800-2000 cfm			医 经验 医	4178 feet 4-1/2" 11 6#, J-55 LT&C
3462 ¹		8674	Greenhorn		400 - 500 psi	人民国建立	的數學是是是		4971 feet 4-1/2" 11 6#, L-80 LT&C + 150 feet extra
102		00/4	Greenmonn	2-4 K WOB					7 4-1/2" x 6-1/4" bow type
519'	8	8731	Graneros	30-40 RPM	Run 1-3 #/ft	Production Cemen	Procedure	and . The mark of Karaman of Lit.	If 4-1/2" or 7" J-55 grade casing is not in stock, substitute with L-80 or N-80
	4				lube beads		r, 10 bbls L-64 (KCL), 10 Gel	Wtr	oubstrate will be of 14-00
1582'		8794	Two Wells	Slow ROP	for friction	Tail: 50:50 POZ/ Mount	ain G cmt, .25 lb/sk Celloph	ane Flake (D29,	
		Ä		before drilling			ite (D24, extender), 3.5% Be		
662'		8874	Upper Cubero	into the top	Oxygen conc		oss (D167), .15% Friction Re		
710			Lauran Cultinin	of Greenhorn.	MUST be 8% or	piaperantily, .10 % retar	fer (D198), .1% antifoam (D4	•0)	
.712'		8924	Lower Cubero	Reduce WOB to 2,000	less while drilling	450 sks	12 0 pp~	E 00 ==1/c1	Soft Rock
767'		8979	Oak Canyon	& RPM to 25	prod hole section.	450 sks 611.8 cu.ft	13.0 ppg 1.39 cu.ft/sk	5.99 gal/sk 40%	Have mudloggers on location from 100' above
762'		8974	Est Btm Perf	2111111025		011.000.11	1.00 Cu.IVSK	40%	Greenhorn to TD Mudloggers will be Softrock (970-247-8868)
-		Ž		If hole gets wet: In	nmediately start pulling	1		Ì	No Open hole logs
783'		8995	Est PBTD	out of hole and then		Add 25lb. Bag sugar to	first displacement		to open hele toge
787'	a i	8999	TD/Encinal	superintendent		Order 35 sks extra cem			

Environmental, Health & Safety **FAT** TRIR* Restrict'd Duty **OSHA Rec** 1st Aid 2.1 0 0 0 3.82 0 11 67

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

Goal

Actual (7/24/08)

Environmental Goals: - Zero Spills on Location.'- Remove Trash from Roads and Locations

San Juan 28-4 33E (MV/DK, .5 mi SE, 2006): Drld 12/1/4" hole T/ 330" Cmt'd 9.5/8" csg W/ 190% excess cmt & cuc 38 bbls T/ surf Drld 8 34" F/ 330' T/ 4504' W/ survey between .5 T/ I degrees. Jost circ @ 4339' & established circ W/ 4504"). Crit'd 7" esg in two stage job W/ 100% excess on both stage & circ ¼ bbls on 1st stage & 56 bbls on 2nd stage (DV tool @ 3811) An drld 6 4" hole T/8718". Note on Wellyeiw 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 pievous csg

San Juan 28-4 #16R (MV/DK, 1.2 mi NW, 2006): Preset surface to 377. Dulled S-3/4" hole F/ 377-4486; surveys F/ 450' T/ 2238' between 1 29 dgiee T/ 6 54 dgrees. Ran 7" casing to 4473. Encountered bridges and lost circulation (120) lbbls) while running casing - healed with LCM. Ran 2 stage cement job; 1st stage 91bbls (120% excess numbed w/ 15bbls. to surface. 2nd stage 198bbls (90% excess) pumped w/ 20 bbls to surface. Drill 6-1/4" an hole F/ 4486'-8726' w/ no problems. Ran 4-1/2" casing t/ 8726' Cemented w/ 110bbls - 40% excess. TOC at 3350'.

San Juan 28-4 #32N (MV/DK, 2004, 1.8 mi NW): Drld surf w/ no issues Set 9-5/8" esg @ 361', etre 25 bbls T/ surt w/ 100% excess. Drld 8-3/4" hole @ 70'/hr w/ GT-09C (45K WOB, 100RPM), TD @ 4577". Over pulled 75K F/ 4530 T/ TD (33 vis. 8.5#) while dring/making conn Shrt trip T/ 3315' Tight hole pulled F/ TD to surface on trip out (10 - 40K over). TIH & tag bridge @ 4230'; wash & team T/ bitm, set csg @ 4572'; then lost 200 bbls, appeared unstable. 2-stage cement job as follows circ 8 bbls with 80% excess on stage 1, circ 26 bbls with 80% excess on stage 2. Drld 6-1/4" hole w/ hammer: blow tube failure on bit @ 7895' Second bit failure @ 8755', 3/16" out of gauge. Drill last 53' with 44C tri-cone Cement 4 1/2" csg @ 8798 w/ 35% excess & an overlap of 994 into prevous csg.

Directional Info		Plan Sections			
Measured Depth	Inclination Azimuth		Vertical Depth	Dogleg Rate	Casing Point
0.0	0.00	00	0.0	0 0	
450.0	0 00	0.0	450 O	0 0	
1497 3	20 95	308 4	1474.1	20	
4122.9	20 95	308.4	3926.3	0.0	
4821.1	0 00	00	4609.0	30	Int. Csg Point
8999 1	0.00	0.0	8787 0	0.0	Prod. Csg Point

- Hard line 50' south of bttm hole location

Drill out surface cmt with directional equipment, drill to KOP of 450

- A 6 1/2" E-Field MWD tool will be used, Run 6-3/4", 7 8, 0 28 rev/gpm, 5 0 motor for directional work

- if directional plan changes, recalculate position and drill to TVD. If deviation at int. TD exceeds 5°, call office for further

- At 7" casing point (4,821' TMD, 4609' TVD), TOH W/ drig assembly & TIH W/ insert bit, collar, 8-1/2" 3-pt reamer Target Info

-Bottom hole location is 1440' FSL and 1835' FEL (Section 29)

-Target is 779.6' N and 982.4' W from surface stake.

BHL is 1253.8' in azimuth of 308.4' from surface location.

- Target size is a 50' radius around the BHL.

Operational Info

Run 20 jts of 4 1/2" HeviWate pipe for intermediate hole

- Run 6 DCs for air BHA; use 20 DCs if mud drilling necessary.

Caliper everything that goes through the table

- Cement company will be Schlumberger. Pump cement job no greater than 4 BPM.

Hold cmt surface lines pressure tests for at least 5 minutes and then release. Bump plugs with at least 500 psi over final circulating pressure & hold pressure for at least 10 minutes. Release pressure slowly. Record amount of water flow back to cmt mixer tank & last slurry wgt returned to surface in the final vendor cmt report & Wellview

Install drilling head rotating rubber once BHA is burried.

Well should take an estimated 13 days to drill

- Have Blooie line rigged up prior to drilling the Kirtland

MSO contact is Richard Lopez. cell phone (505) 324-5135

- Well is in the Forest (Contact BLM)

- Call both regulatory agencies 24 hours in advance of BOP testing, spud, running csg, or cementing Leave message if after

No twinned well on location

Approved:

Ed Jackson - Drilling Superintender

Alexander Galindo - Drilling Engineer

Reviewed:

Shon Robinson - Drilling Engineering Supervisor

8/21/2008