submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 13 2008

Bureau of Land Management
Farmington Field Office

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**
Unit O (SWSE), 430' FSL & 2465' FWL, Section 15, T27N, R04W, NMPM

5. **Lease Number**
SF-080674

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**
San Juan 27-4 Unit

8. **Well Name & Number**
San Juan 27-4 Unit 141B

9. **API Well No.**
30-039-30267

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	Type of Action			
X Notice of Intent	Abandonment	Change of Plans	X Other – Change of plans
	Recompletion	New Construction	
Subsequent Report	Plugging	Non-Routine Fracturing	
	Casing Repair	Water Shut off	
Final Abandonment	Altering Casing	Conversion to Injection	

13. Describe Proposed or Completed Operations

6/12/08 Burlington Resources wishes to deepen the surface casing depth from 216' to 316' in order to mitigate any losses that might be incurred while drilling the intermediate hole. The well is fairly close to a cliff and there is potential to lose returns if surface casing is set too shallow. Cement will be adjusted accordingly. Please see the revised drilling program.

RCVD JUN 19 '08
OIL CONS. DIV.
DIST. 3

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

Signed Tamra Sessions Tamra Sessions Title Regulatory Technician Date 6/13/2008

(This space for Federal or State Office use)
APPROVED BY Troy L Salyers Title Petroleum Engineer Date 6-17-2008
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

PIT, CLOSED LOOP SYSTEM, BELOW GRADE TANK, PROPOSED ALTERNATIVE METHOD OR CLOSURE PLAN TO BE DESIGNED, CONSTRUCTED & OPERATED PURSUANT TO NMOCD RULE 19.15.17 EFFECTIVE 06/16/08

Burlington Resources

San Juan Division - Drilling Program

Well Name:	San Juan 27-4 Unit #141B	**Safety:**	
Formation:	MV/DK New Drill	DK AFE#	WAN.ZA1.8026
Location:	T - 27 N R - 4 W Sec.: 15	MV AFE#	WAN.ZA1 8025
Footage:	430' FSL & 2465' FWL	DK Network #	10158971
County:	Rio Arriba State: New Mexico	MV Network #	10158967
Rig:	H&P 282 API #: 30-039-30267		
APD/BLM	09/24/07 Lease SF-080674	AFE	$647,478
GL:	7,083' OCD Phone #: 334-6178	Est. Cost/ft:	$85.00
KB:	7,099' BLM Phone #: 599-8908	Like Kind Cost:	$713,745
TD:	8,397' EST DAYS: 8		

In case of Major Emergency Call 911

Give the following information to Operator:

Well Name: San Juan 27-4 Unit #141B **County:** Rio Arriba **State:** New Mexico

Latitude (NAD83): 36.56722 degrees **Latitude (NAD27):** 36 degrees, 34.0327393 min

Longitude (NAD83): 107.23917 degrees **Longitude (NAD27):** 107 degrees, 14.3140865 min

See attached directions

Environmental, Health & Safety

"A minute of thought is worth more than an hour of talk " - Author Unknown

	TRIR*	LTA	Restrict'd Duty	OSHA Rec	1st Aid
Goal	0	0	0	0	0
Actual (06/01/08)	2.36	0	7	10	75

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

Environmental Goals:

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

Geology

316'		
N/A	Nacimiento	
3503'	Ojo Alamo	
3603'	Kirtland	
Stage Tool 3506'	If Required	
3806'	Fruitland	
3931'	Pic. Cliffs	
4123'	Lewis	
4223'	Int TD	
4489'	Huerfanito Bentonite	
4917'	Chacra	
5546'	Upper Cliff House	
5737'	Massive Cliff House	
5791'	Menefee	
6126'	Massive Pt Lookout	
6658'	Mancos Shale	
7285'	Gallup	
8046'	Greenhorn	
8130'	Graneros	
8166'	Two Wells	
N/A	Paguate	
8281'	Upper Cubero	
8325'	Lower Cubero	
8377'	Oak Canyon	
8373'	Est. btm perfs	
8394'	Est. PBTD	
8397'	TD	
8397'	Encinal Top	

Hydraulics

12 1/4

8 3/4

Hughes

8-3/4" 506ZX Six 14/32's jets

6-25K WOB

Spin Top Drive 50-70 RPM

Run shock sub, motor, and teledrift

Run an unstabilized Hunting 6-3/4", 7:8 lobe, 5.0 stg, 0.24 rev/gpm motor

Vary drilling parameters if necessary to increase ROP

New 6-1/4" Marquis CV462 & Halco Hammer

2 - 4K WOB

30-40 RPM

Slow ROP before drilling into the top of Greenhorn. Reduce WOB to 2,000 & RPM to 25

If hole gets wet: Mist drill to top of Mancos w/ hammer Mud up, drill to TD w/ 506ZX **Must run Dev Surveys.**

Drlg Fluids

Spud

Drill out from under surface w/ Clean-Faze system. Sweep w/ gel and fiber as needed. (Vis 33-35, WT 8.4-8.7 ppg, WL of 6 cc/30 min). If losses are incurred, Mix gel to 45 vis w/ 35% LCM in closed system Otherwise mud up 200' prior to int TD

400 to 450 GPM flow rate

If lost returns occur, 300-350 GPM

Nitrogen/Air:

400-500 psi

1800-2200 SCFM

Use N2 membrane unit from Gallup down to TD.

Cement

Type III cement with 2% CaCl2 and 1/8 pps Cello-Flake.

267 sks 15 6 ppg 5 24 gal/sk

315 cu ft 1 18 cu ft/sk 200%

Intermediate Cement Job

PF: 20 bbls Mud Flush

Lead: Premium Plus / Type III cement + 3.0% Bentonite + 30 pps San Juan Poz + 5.0 pps Phenoseal

447 sks 11.5 ppg 14.61 gal/sk

1162 cu.ft 2 60 cu ft/sk 110%

Tail: 50/50 Poz Premium + 6 lbm/sx Pheno Seal + 2% Bentonite

103 sks 13.5 ppg 5.51 gal/sk

136 cu.ft. 1.33 cu ft/sk 0%

Top of tail @ 3378.4

2-Stage Intermediate Cement Job (If Necessary)

Stage 1 **DV Tool @ 3506'**

PF: 20 bbls Mud Flush

Lead: Premium Plus / Type III cement + 3.0% Bentonite + 30 pps San Juan Poz + 5.0 pps Phenoseal

0 sks 11.5 ppg 14.61 gal/sk

0 cu.ft. 2.60 cu.ft/sk 110%

Tail: 50/50 Poz Premium + 6 lbm/sx Pheno Seal + 2% Bentonite

177 sks 13.5 ppg 5.51 gal/sk

236 cu.ft. 1.33 cu.ft/sk 110%

Stage 2

PF: 20 bbls Mud Flush

Tail: Premium Plus / Type III cement + 3.0% Bentonite + 30 pps San Juan Poz + 5.0 pps Phenoseal

409 sks 11.5 ppg 14.61 gal/sk

1062 cu.ft. 2 60 cu.ft/sk 110%

Production Cement Procedure

Tail: 50/50 Poz/Standard 3.5 pps Pheno Seal (LCM) 0.2% CFR-3 Dispersant + 0.8% Halad R-9 + 0.1 FL % HR-5 retarder + 3% Bentonite

PF 10 bbls Chemwash, 2 bbls freshwater

430 sks 13 1 ppg 6.39 gal/sk

623 cu ft. 1 45 cu ft/sk 40%

Add 25 lb. bag of sugar to 1st 10 bbls of displacement

If mud drilled, use 50% excess factor

Materials

1 Wood Group wellhead

1 Wellhead trash cap

316 feet 9-5/8", 32.3# H-40 ST&C

1 9-5/8" sawtooth guide shoe

3 Bow Type Centralizers

1 Rubber Plug for Displacement if rig sets

1 Wooden Plug for Displacement if Mo-Te sets

Intermediate String

1 7" float shoe flapper type (Gemoco)

42 feet Shoe Joint 7", 23.0#, J-55, LT&C

1 7" float collar w/ latch in plug (Gemoco)

281 feet 7", 23#, J-55, LT&C

3900 feet 7", 20.0#, J-55, ST&C to surface

Centralizers:

6 7" x 8-3/4" bow type every other jt off bottom

2 7" x 8-3/4" turbo centralizers, one per jt f/ base of Ojo Alamo to top of Kirtland Shale

1 7" x 8-3/4" bow type in bottom of surface csg

Casing total:

4050 feet 7", 20.0#, J-55, ST&C w/150' extra

323 feet 7", 23.0#, J-55, LT&C w/ 150' extra

Production String

1 4-1/2" Float Shoe (Gemoco)

1 4-1/2" Float collar w/ 3/4" insert choke & **Latch in Wiper Plug**

417 feet 4-1/2", 11.6#, J-55, LT&C

10 feet 4-1/2", 11.6#, J-55, LT&C mkr jt 150' abv Graneros

181 feet 4-1/2", 11.6#, J-55, LT&C

3300 feet 4-1/2", 10 5#, J-55, ST&C

10 feet 4-1/2", 10.5#, J-55, ST&C @ Huerfanito

2982 feet 4-1/2", 10 5#, J-55, ST&C

1497 feet 4-1/2", 11.6#, J-55, LT&C

Centralizers: 7 total 4-1/2" x 6-1/4" bow spring One every other jt for first 12 jts then 1 in the 7" shoe

Casing total:

6292 feet 4-1/2", 10.5#, J-55, ST&C

2255 feet 4-1/2", 11.6#, J-55, LT&C w/ 150' extra

Mud Logs:

None

Open-Hole Logs:

None

SJ 27-4 Unit 143A (MV, 2005, 1.0 mi. S): Drilled surf to 368' TD/csg/cmt no probs Drilled 8-3/4" int to 4313' TD. Short trip - tight hole - lost circ w 30 stands DP out of hole - lost 300 bbls LCM 38% to regain returns. Landed 7" @ 4303' 2 stage cmt 1st stage - 10 sx lead, 103 sx tail - circ 15 bbls cmt 2nd stage - 9 sx lead, 525 sx tail - circ 60 bbls cmt Air Drilled 6-1/4" production to 8520' TD Ran logs w no problem Landed 4-1/2" @ 8517' TD. Cmt 9 sx lead. 298 sx tail.

San Juan 27-4 Unit #98C (MV-2004) 1.5 mi N Drilled a 12-1/4" surface hole to 153', lost circulation, pumped 25 bbls 40% LCM and regained returns Continued drilling to 412' and ran 9 jts 9-5/8", 32 3 PPF, H-40 CSG to 407'. Cemented with 220 sx, lost circ after pumping 16 bbls, cement fell 10', circ 16 bbls to surface. Ran 1" pipe to top off surface with 24 sx Drilled a 8-3/4" hole to TD of 4270', short trip to 3120' TIH and tag fill at 4280', 81' of fill, washed to btm Ran mixed 7" CSG, washed down last 5 jts to 4370', Landed CSG at 4363' Cemented CSG with 540 sx lead, 90 tail, did not bump plug returned 1 bbl cement to surface with 133 bbl displacement Pumped 90 % excess Lost returns at 133 bbls pumped, Had good returns prior to losing circ, left approx 331' of cement in CSG TIH with tricone to drill out cement, tag at 4063' and drill only 17' of it TOH, PU 6-1/4" hammer bit and drill to TD of 6602' Ran 4-1/2" float shoe, landing collar and 55 jts of 4-1/2", 10 5 PPF, J-55 liner with hanger and packoff Hang off liner at 6600', TOL at 4237', with 126' overlap Cemented with 132 sx cement, circ out 10 bbls. TOC at 4382'

SJ 27-4 Unit #3A (DK, 1998, 1/2 mi. NE): Drilled surf to 520', set surf csg @ 516' Drilled f/520'-4105' w/ Reed EHP-44C, avg ROP=80 fph, max dev=3/4 deg Stuck DP @ 2,644' while TOOH for plugged bit Ran free point and jarred briefly to free pipe. Ran 7", 20#, J-55, ST&C to 4,096' Pumped 216 bbls cmt, circ 2 bbls to surf, 70% excess Drilled f/4,105'-7,494' w/ Reed EHP-53AKP, avg ROP=86 fph Tripped to run logs Drilled f/ 7,494'-8,220' w/ HTC ATJ-S55, avg ROP=64 fph Tripped to run another suite of logs Unloaded hole and circ mud balls and mist to surf. TOOH to mud up Drilled f/ 8,220'-8,265' w/ HTC ATJ-S55, avg ROP=31 fph Ran another suite of logs Ran 4-1/2", 10.5#, J-55, ST&C to 8,262' Pumped 134 bbls cmt but job locked up and left 1,505' cmt inside csg

Operations Notes:

- Surface casing to be set by Mo-Te Call office to verify. Surface pits MUST be lined according to the APD
- **Notify Phoenix Service to acquire deviation survey at rig down: Phone # 325-1125.**
- Drill int hole w/ Clean Faze w/ sweeps as needed. Disperse mud for Lewis Transfer mud to next location-notify Regulatory
- Mud up 200' prior to int TD if mud up was not required for LCM additions prior to that depth
- Rig up blooie line before penetrating Kirtland formation Install rotating rubber after drill collars are buried
- Fill out all Check Sheets (MIRU, Pre-spud) and take pictures of location
- **Watch blooie line tattle tale for indications of hole getting wet. Immediately POOH if wet, then call office.**
- Disperse mud & spin bit to remove bit ball while drilling the Lewis during connections and short trip
- Circulate 7" casing down every 15-20 joints and wash the last 5 joints to TD
- Cement w/ Halliburton on all cement jobs **If losses are incurred, we will do 2-stage cmt.**
- Use Weatherford/Gemoco float equipment for all holes this well. Production hole float includes a 0.75" ID insert choke in the float collar and **will use latch in wiper plug**
- If mud drilling is necessary, deepen as necessary, run 25' shoe jt and 4-1/2" x 6-1/4" centralizers as shown above to the
- Call all appropriate regulatory agencies 24 hrs in advance of spud, cementing, or running casing. Leave msg if after hrs

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Prepared: 6/10/2008

Prepared by: Russell Perkins - Drilling Engineer

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Approved by: Terry Carpenter - Drilling Superintendent