submitted in lieu of Form 3160-5

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 F (SENW) 1450' FNL & 2000' FWL, Sec. 7, T27N, R4W NMPM

5. **Lease Number**
SF- 080673

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

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

8. **Well Name & Number**
41N

9. **API Well No.**
30-039-30213

10. **Field and Pool**
Basin Dakota

11. **County and State**
San Juan., NM

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

Type of Submission	Type of Action		
_X_ Notice of Intent	_____ Abandonment	_X_ Change of Plans	_Other Intermediate diameter
	_____ 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

ConocoPhillips is requesting the following change on the well design:

The intermediate hole was permitted for 8-3/4" diameter. We would like to use a ream-while-drilling bottom hole assembly To drill the intermediate hole which will change the diameter to 9-7/8". We would like to use the RWD as this area has a Potential for swelling shales which causes bridges that may affect our ability to get 7" casing to the bottom of the hole. The RWD will make the hole larger so the swelling shales will not affect our drilling process so much. Cement volumes will be Adjusted accordingly.

Please see attached drilling prog.

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

Signed Tracey N Monroe Tracey N. Monroe Title Regulatory Technician Date 10/11/07

(This space for Federal or State Office use)
APPROVED BY Jim Lovato Title Petr. Eng. Date 10/15/07
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

BURLINGTON RESOURCES

San Juan Division - Drilling Program

Well Name:	San Juan 27-4 #41N		**Safety:**
Formation:	Basin Dakota New Drill		AFE# WAN.CDR 7071
Location:	T - 27 N R - 4 W	Sec.: 7	Network # 10169508
Footage:	1450' FNL & 2000' FWL		
County:	Rio Arriba	State: New Mexico	
Rig:	H&P 282	API #: 30-039-30213	
APD/BLM	08/31/07	Lease #080673	AFE $670,420
GL:	6,925'	OCD Phone #: 334-6178	Est. Cost/ft: $82 50
KB:	6,941'	BLM Phone #: 599-8908	Like Kind Cost: $677,243
TD:	8,209'	EST DAYS: 8	

In case of Major Emergency Call 911

Give the following information to Operator:

Well Name:	San Juan 27-4 #41N	County:	Rio Arriba
		State:	New Mexico
Latitude (NAD83):	36.59073 degrees	Latitude (NAD27):	36 degrees, 35.44324 minutes
Longitude (NAD83):	107.29367 degrees	Longitude (NAD27):	107 degrees, 17.55421 minutes

From the Post Office in Blanco, NM take Highway 64 East for 28 miles to Gobernador School turn-off. Turn right and travel south 1 mile. Turn right and travel 9.7 miles. Turn left and travel 6.0 miles to Forest Road 358. Turn left onto Road 358 and travel north 1.9 miles to flagged location.

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 (9/11/07)	2.95	5	9	22	95

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

Environmental Goals:

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

Geology

Depth	Formation
216'	
1982'	Nacimiento
3109'	Ojo Alamo
3328'	Kirtland
3114'	Required (Stage Tool)
3414'	Fruitland
3751'	Pic. Cliffs
3924'	Lewis
4024'	Int TD
4326'	Huerfanito Bentonite
4727'	Chacra
5343'	Upper Cliff House
5460'	Massive Cliff House
5586'	Menefee
5935'	Massive Pt Lookout
6466'	Mancos Shale
7110'	Gallup
7879'	Greenhorn
7941'	Graneros
7974'	Two Wells
NA	Paguate
8088'	Upper Cubero
8133'	Lower Cubero
8189'	Oak Canyon
8189'	Est. btm perfs
8206'	Est. PBTD
8209'	TD
8209'	Encinal Top

Hydraulics

12 1/4

Drill out surface with tri-cone bit [illegible]

Do not back ream with RWD BHA [illegible]

[illegible]

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

[illegible]

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

217 sks	15.6 ppg	5 24 gal/sk
256 cu ft	1 18 cu.ft/sk	Excess. 125%

~~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~~

~~789 sks~~	~~11.5 ppg~~	~~14.61 gal/sk~~
~~2051 cu.ft.~~	~~2.60 cu.ft/sk~~	~~120%~~

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

~~160 sks~~	~~13.5 ppg~~	~~5.51 gal/sk~~
~~213 cu.ft.~~	~~1.33 cu.ft/sk~~	~~0%~~

~~Top of tail @ 3219.2~~

~~160.9 bbls. displacement~~

2-Stage Intermediate Cement Job (Required)

Stage 1 — **DV Tool @ 3219.2**

PF: 20 bbls Mud Flush

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

122 sks	11.5 ppg	14.61 gal/sk
317 cu.ft.	2.60 cu.ft/sk	120%

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

167 sks	13.5 ppg	5.51 gal/sk
222 cu.ft.	1.33 cu.ft/sk	0%

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

604 sks	11.5 ppg	14.61 gal/sk
1571 cu.ft.	2.60 cu.ft/sk	100%

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

431 sks	13 1 ppg	6.39 gal/sk
625 cu.ft	1 45 cu ft/sk	40%

130 5 bbls, displace

Add 25 lb. bag of sugar to 1st bbl of displacement

If mud drilled, use 50% excess factor

Materials

1 Wood Group wellhead
~~1 Wellhead trash cap~~
~~216 feet 9-5/8" 32 3# H-40 STC~~
~~1 9-5/8" sawtooth guide shoe~~
~~3 Bow Type Centralizers~~
~~1 Wooden Plug for Displacement if Mo-Te sets~~

Intermediate String

1 7" float shoe flapper type (Gemoco)
42 feet Shoe Joint 7" 20.0#, J-55, ST&C
1 7" float collar flapper type (Gemoco)
3982 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 at base of the Ojo Alamo
1 7" x 8-3/4" bow type in bottom of surface csg

Casing total:
4174 feet 7", 20.0#, J-55, ST&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**
418 feet 4-1/2", 11.6#, J-55, LT&C
10 feet 4-1/2" 10 5#, J-55, ST&C marker joint 150' above the Graneros
3455 feet 4-1/2", 10.5#, J-55, ST&C
10 feet 4-1/2", 10 5#, J-55, ST&C
3016 feet 4-1/2", 10.5#, J-55, ST&C
1300 feet 4-1/2", 11.6#, J-55, LT&C

Centralizers: other joint for first 12 joints then 1 in the 7" shoe

Casing total:
6491 feet 4-1/2", 10 5#, J-55, ST&C
1868 feet 4-1/2", 11.6#, J-55, LT&C w/ 150' extra

If mud drilling is necessary, deepen TD by ~100', run 40' shoe jt and 4-1/2" x 6-1/4" centralizers as shown above to the base of the 7" casing.

Mud Logs:
None

Open-Hole Logs:
None

Notify Phoenix Service to acquire deviation survey at rig down· Phone # 325-1125

Offset Wells

San Juan 27-4 31Y (MV, 2002, twinned): Drilled Inter Hole w/ GT-09C (62 FPH) **Short trip every 500', by 2280' 20-40K overpull. Lost circ in the Kirtland. Lost circ again w/ csg on btm.** Cmt'd in 2-stg w/ 100% excess, 100% excess, circ 0 bbls and 90 bbls N2 drilled Prod Hole w/ Smith Air hammer (109 FPH). Cmt'd Liner w/ 34% excess (circ 16 bbls off liner).

San Juan 27-4 Unit #38N (MV/DK, 2004, 0.25 mi N): No problems with surface Had max deviation 4 deg while drilling @ 3 088' intermittent drag from TD to surf csg while TOOH Encountered bridges @ 1,749', 1,820', 3,240', and 3,315' Lost 300 bbls mud while running casing Pumped 40 bbls 1st stg, 150 bbls 2nd stg, circulated 1 bbls and 37 bbls to the reserve pit on the 1st and 2nd stages respectively, 70% excess Air/N2 drilled production hole to 8323 ft with two different bits Cemented production casing in a single stage w/ 30% excess TOC @ 3,540', (696 ft of overlap)

San Juan 27-4 #42M (MV/DK, 2001, 1 mi SE): Drilled intermediate hole w/ Techstrid polymer system (WL < 8) Pre-treated PC w/ 20% techpipe and fiber w/ no losses Performed wiper trip to DC's at LW top w/ tight hole (20-50K) up through Ojo Alamo. Little tight hole at TD. Lost returns with casing on btm; pumped away 550 bbls of 15-25% LCM without regaining returns Casing became stuck and cmt'd in place in 2-stg w/ 125% excess Regained returns 100 bbls into displacement and circ 16 bbls and 55 bbls Unable to dry up production hole, attempted to sqz off water--unsuccessful--and mist drilled (STX-20) down to Mancos (5 deg deviation) Mudded up (10-20% LCM) and mud drilled to TD (STR-535 & STR-50) Ran and cmt'd LS in 2-stg w/ 50% excess Lost returns on 1st stg displacement (lost 570 bbls mud), pumped 2nd stg lost returns 71 bbls into displacement TOC was 833' short of overlap

San Juan 27-4 #5N (MV/DK, 2004, -1/2 mi SE): Preset surface Drilled f/226-3 958' w/ 8-3/4" Hughes GT-09C avg ROP=82 fph, max dev.=3 deg, 300 gpm Lost circulation @ 3,815' @ the bottom of the PC, increased LCM f/ 0% to 30% regained full returns TOOH at TD and had tight hole all the way to surf csg shoe, TIH & wash f/3,857'-3,958'. Ran 7", 20#, J-55, ST&C to 3 952' stage tool @ 3,399' Pumped 32 bbls on 1st stg, opened DV tool but could not circ, pumped 50 bbls down back side, then was able to circ through csg, no cmt to surf Pumped 143 bbls 2nd stg, pumped 80 bbls displacement and lost circ, no returns after that no cmt to surf, TOC ended up @ 1800' Drilled f/ 3,958'-7,952 w/ 6-1/4" Marquis CV462, avg ROP=124 fph DP pressured up, TOOH hammer was partially plugged, X/O hammer and RIH w/ new bit. Drilled f/7,952'-8,198' w/ 6-1/4" CV642 avg ROP=45 fph Ran 4-1/2" 10 5# and 11 6# J-55 STC/LTC to 8,193'. Pumped 103 bbls cmt, TOC @ 3 780, 30% excess

Operations Notes:

- Surface casing to be set by Mo-Te Call office to verify.
- **Read Hughes Christensen RWD Guideline document before running RWD assembly in the hole.**
- Drill Intermediate hole w/ Clean Faze w/ sweeps as needed Disperse mud for Lewis Transfer mud to next location--notify Regulatory
- Install rotating rubber after drill collars are buried
- Rig up blooie line before penetrating Kirtland formation
- Fill out all Check Sheets (MIRU, Pre-spud) and take pictures of location
- **Watch deviation very closely while drilling with RWD-PDC. Verify Teledrift surveys with Totco if Teledrift indicates deviation > 5 deg. Lost returns expected, possibly while running casing.**
- Surface pits MUST be lined according to the APD
- 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
- **Ensure that tools above bi-center bit had OD less than 6-3/4"**
- 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.** Cement w/ Halliburton on all cement jobs.
- Call all appropriate regulatory agencies 24 hours in advance of spud, cementing, or running casing. Leave message if after hours

Prepared by: ______________________
Russell Perkins - Drilling Engineer

Approved by: ______________________
Tom Bealessio - Drilling Superintendent

Prepared: 10/11/2007

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