submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

2006 NOV 27 PM 5 00

RECEIVED
070 FARMINGTON NM

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 J (NWSE), 1665' FSL & 1750' FEL, Section 17, T30N, R10W, NMPM

5. **Lease Number**
NMSF-077764

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

7. **Unit Agreement Name**

8. **Well Name & Number**
Schmachaer #1E

9. **API Well No.**
30-045-33736

10. **Field and Pool**
Basin DK / Blanco MV

11. **County and State**
San Juan 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	_X_ Change of Plans	X Other – Intermediate setting depth change
	_____ Recompletion	_____ New Construction	
_____ Subsequent Report	_____ Plugging	_____ Non-Routine Fracturing	
	_____ Casing Repair	_____ Water Shut off	
_____ Final Abandonment	_____ Altering Casing	_____ Conversion to Injection	

RCVD DEC4'06
OIL CONS. DIV.
DIST. 3

13. Describe Proposed or Completed Operations

Plans have change on the subject well. We are anticipating that the Cliffhouse will be wet and therefore wish to change the setting depth of the intermediate casing to 4948' (in the Menefee). Then we will air drill to the original TD. Because the 7" is set deeper the cement volumes will be adjusted to insure circulation to surface. See attached operations plan.

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

Signed Patsy Clugston Patsy Clugston Title Sr. Regulatory Specialist Date 11/22/06

(This space for Federal or State Office use)
APPROVED BY _____ Title Petr. Eng. Date 11/30/06
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

SCHUMACHER #1E

T - 30 N
R - 10 W
Sec 17

Objective: DK New Drill
Footages: 1665' FSL, 1750' FEL

DK DP# 3452501
DK AFE# 25612

Rig: AWS 301
GL: 6450'
KB: 6465'

API #	LEASE #
30-045-33736	NMSF-077764

APD/BLM:	BLM Phone #
5/25/2006	505-599-8907

Like-Kind	(248) Cost
72 $/FT	$545,760

San Juan Division - Drilling Program

In case of Major Emergency Call 911
Give the following information to Operator:

Well Name: SCHUMACHER #1E
County: San Juan
Latitude: 36 degrees, 48.5753 minutes
State: NM
Longitude: 107 degrees, 54.2367 minutes

From the intersection of Hwy 550 & Hwy 173 North of Aztec, go East on Hwy 173 for 4.5 miles. Go left (NE) for 0.1 miles to fork in road. Go right which is straight (NE) for 0.4 miles to fork in road. Go left (NW) for 0.1 miles to staked location which overlaps an existing wellpad.

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 (10/1/06)	2.7	3	6	11	52

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

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

TMD	Geology
0'	San Jose
200'	SCP
1724'	Ojo Alamo
1772'	Kirtland
2617'	Fruitland
3020'	Pictured Cliffs
3167'	Lewis
3757'	Huerfanito Bentonite
4010'	Chacra
4664'	Massive Cliff House
4798'	Menefee
4948'	ICP
5317'	Point Lookout
5659'	Mancos Shale
6542'	Gallup
7275'	Greenhorn
7331'	Graneros
7383'	Two Wells
7473'	Paguate
7521'	Cubero
7570'	Est. bottom perf
7576'	Est. PBTD
7580'	**Total Depth**

Hydraulics

12 1/4" Retip

8-3/4"
509Z
7-12s
10-20K WOB
70-80 RPM

Run 6 3/4" Hunting Motor (.24 rev/gal)

Ojo
8-10K WOB
60 RPM

Cliffhouse
8-10K WOB
60 RPM

PU 12 DCs in intermediate hole

Used Diamond Air Bit Marquis CV462 on Halco Hammer

2-4 K WOB
30-40 RPM

Slow ROP before drilling into the top of Greenhorn.
2K WOB
25 RPM

If hole gets wet: Mist drill to top of Mancos w/ bit already in use (CV462 on Halco Hammer). Mud up, drill to 2 Wells top w/ STR-505Z PDC & drill to TD w/ STR-44C (3-14s drop ball). **Must run Dev Surveys.**

Drlg Fluids

Clean Faze

Drill out from under surface w/ Clean Faze (Vis 33-35, WT 8.5-9.0 ppg, WL 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.

Pump
1500-1700 psi
300-325 GPM
100-110 SPM

Air/Nitrogen

Compressor
1800 - 2200 scfm
400 - 500 psi

Use N2 membrane unit from ICP to TD.

Do not drill with Oxygen content above 8%.

Cement

Type III cement with 3% CaCl2 and 1/4 pps celloflake.

161 sks	206.5 cu.ft	15.2 ppg
1.28 cu.ft/sk	5.77 gal per sk	200%

Intermediate Cement Job

Preflush: 10 bbls FW, 10 bbls MF, 10 bbls FW

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
56.0 cu.ft	3.02 cu.ft/sk	110%

Lead: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52 and 0.4% SMS.

640 sks	12.1 ppg	11.29 gal/sk
1362.9 cu.ft	2.13 cu.ft/sk	110%

Tail: Type III cmt. w/ 1% CaCl, 0.25 pps Cello-Flake and 0.2% FL-52.

90 sks	14.6 ppg	6.64 gal/sk
124.2 cu.ft	1.38 cu.ft/sk	110%

If losses are incurred, see below.

Alternative Intermediate 2-Stage DV @ 2317

Stage 1

Preflush: 10 bbls FW, 10 bbls MF, 10 bbls FW

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
56.0 cu.ft	3.02 cu.ft/sk	110%

Lead: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52 and 0.4% SMS.

310 sks	12.1 ppg	11.29 gal/sk
659.8 cu.ft	2.13 cu.ft/sk	110%

Tail: Type III cmt. w/ 1% CaCl, 0.25 pps Cello-Flake and 0.2% FL-52.

90 sks	14.6 ppg	6.64 gal/sk
124.2 cu.ft	1.38 cu.ft/sk	110%

Stage 2

Preflush: 10 bbls FW, 10 bbls MF, 10 bbls FW

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
56.0 cu.ft	3.02 cu.ft/sk	110%

Lead: Premium Lite w/ 3% CaCl, 0.25 pps Cello-Flake,5 pps LCM-1, 0.4% FL-52 and 0.4% SMS.

304 sks	12.1 ppg	11.29 gal/sk
647.1 cu.ft	2.13 cu.ft/sk	110%

Materials

1	Cameron flanged wellhead
1	Wellhead fuzz cap
200 feet	9-5/8" 32.3.0# J-55 STC
1	9-5/8" sawtooth guide shoe
3	Bow Type Centralizers
1	Rubber Plug f/displacement

Intermediate String

1	7" Float Shoe (Gemoco)
40 feet	Shoe Joint 7" 23.0#, J-55 LT&C
1	7" Float Collar (Gemoco)
958 feet	7", 23.0#, J-55 LT&C
3950 feet	7", 20.0#, J-55 ST&C
27	*7" x 8-3/4" bow type centralizers every 3rd jt. from shoe to base of Ojo Alamo*
2	*7" x 8-3/4" turbolizer centralizers at base of Ojo*
11	*7" x 8-3/4" bow type every 4th jt. thereafter*
Totals	
3950 feet	7", 20.0#, J-55 ST&C
1148 feet	7", 23.0#, J-55 LT&C w/ 150' extra
38	*7" x 8-3/4" bow type centralizers*
2	*7" x 8-3/4" turbolizer centralizers*

Production String

1	4-1/2" Float Shoe (Gemoco)
1	4-1/2" Float Collar w/ Insert and Latch-in Plug
399 feet	4-1/2" 10.5#, J-55 ST&C to 150' above Graneros
10 feet	4-1/2" 10.5#, J-55 ST&C marker jt
3414 feet	4-1/2" 10.5#, J-55 ST&C to Huerfanito
10 feet	4-1/2" 10.5#, J-55 ST&C marker jt
3117 feet	4-1/2" 10.5#, J-55 ST&C
630 feet	4-1/2" 11.6#, J-55 LT&C
6	*4-1/2" X 6-1/4" every other joint off bottom*
14	*4-1/2" X 6-1/4" bow type from 12th joint every fourth joint to bottom of int. casing*
Totals	
6950 feet	4-1/2" 10.5#, J-55 ST&C
780 feet	4-1/2" 11.6#, J-55 LT&C w/150' extra
20	*4 -1/2" x 6-1/4" bow type*

If mud drilled, deepen TD by 50' and run a 40' shole joint.

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
27.0 cu.ft	17.89 gal/sk
11.0 ppg	40%

Tail: Premium Lite HS FM + 0.25pps Cello-Flake, 0.3% CD-32, 6.25pps LCM-1, 1% FL-52.

191 sks	1.98 cu.ft/sk
377.4 cu.ft	9.80 gal/sk
12.5 ppg	40%

Offset Summary

Atlantic D Com 3B (MV/DK, 2003, 1 mi. NE): No problems w/ surface hole. Drilled 8-3/4" hole with GT-09C. TOH for bit @ 3124' to replace bit (1/4" out of gauge). Circulated small amount of CO2 contaminated mud to surface before losing circ @3350'; healed with 20% LCM. Set csg @ 3346 (100' below Lewis). 2-stg cement job: 15/57 bbls circulated to surface w/ 115% excess. Began drilling 6-1/4" hole on air. Bit torqued @ 4803'; replace with STR-20. Drilled on mist for 1200' before TOH for new PDC; mudded up @ 5721. Bit trip at 2-Wells to change to STX 44C. Lost returns while running casing; healed with 30% LCM. Good returns throughout prod cement job. TOC @ 3440' (Shallow Int, Got wet).

Kelly B #1B (MV/DK, 2005, 1 mi. N): No problems with surface. Drilled intermediate hole with 8-3/4" PDC 509Z and clean faze to TD of 4935' at 60'/hr.Had some seepage at 4894'. Light mud up at 4650'. PF w/ 10/10/10. Cemented in single stage with 125% excess. Circulated 40 bbls to pit. Air drilled 6-1/4 production hole w/ Marquis CV462 and Halco hammer to TD of 7519' at 99'/hr. Cement w/ 40% excess. 303' Overlap (Deep Set Intermediate)

Schumacher #9B (MV, 2002, 0.60 mi S): Clear water/poly drill inter to 3360' (mud up @2750'), no losses. Trip bit & lost returns @1650' on TIH, mix 30% & regain. Cmt'd in 2-stages w/ 125% ex. Open stage tool & lost returns, mix LCM on fly, press up, lost 300 bbls, attempt 2nd stage pre-flush, did not pump cmt, displ & close tool. Drilled to TD of 5748' on air with no pros. Hung liner and cmtd in single stage. PF 10/2, circ 15 bbls good cmt to pit. (Shallow, Dry)

Operational Notes

- **MUD LOGS: NONE**
- **Run motor and PDC until 4 degree deviation; run GT09C if deviation occurs.**
- **Ensure that Nitrogen concentration is at least 92% while air drilling.**
- **Notify Phoenix Service to acquire deviation survey at rig down (325-1125).**
- Drill intermediate hole with Clean Phase w/ sweeps as needed; mud up as hole dictates.
- Disperse mud for Lewis.
- Transfer mud to next location.
- Short trip to drill collars unless hole dictates otherwise.
- Rig up blooie line before drilling our intermediate hole.
- Caliper everything that goes through the table.
- Install drilling head rotating rubber once BHA is burried.
- Circulate 7" casing every 15-20 joints and wash last 5 joints to TD.
- Have GT09C on location.
- Pump intermediate cement job at 4 bpm or less to reduce ECD.
- Reserve pits must be lined.
- Fill out all Check Sheets (MIRU, pre-spud) and take pictures of location.
- Use BJ Services for cementing needs.
- Use Weatherford/Gemoco for all float equipment needs.
- Wet roads as necessary to keep dust down.
- Well should take an estimated 10 days to drill.
- Call all proper regulatory agencies 24 hours in advance of BOP testing, spud, running csg, or cementing. Leave message if after hours.
- Obey posted speed limits and keep all gates locked!!
- Ensure that pilot light is at end of blooie line before drilling air hole.
- Twinned with the Schumacher #9A (50' away). Notify 1st Delivery if location needs stripping.
- **Barricade any existing well/metering equipment on location.**

Prepared: 11/16/2006

Prepared: _____
Daniel Braxton - Drilling Engineer

Reviewed: _____
Optional

Approved: _____
Ed Jackson - Drilling Superintendent