

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

RECEIVED**AUG 18 2011**

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

Surface: Unit B (NW/NE), 749' FNL & 1453' FEL, Section 35, T31N, R9W, NMPM

Bottom: Unit G (SW/NE), 2100' FNL & 1930' FEL, Section 35, T31N, R9W, NMPM

Farmington Field Office
Bureau of Land Management
Lease Number
SF-078439

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
JOHNSTON FEDERAL 9F

9. API Well No.

30-045-35152

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

☒ Notice of Intent☐ Abandonment☒ Change of Plans☐ Other -☐ Subsequent Report☐ Recompletion☐ New Construction☐ Final Abandonment☐ Plugging☐ Non-Routine Fracturing☐ Casing Repair☐ Water Shut off☐ Altering Casing☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Burlington Resources requests permission to extend intermediate casing depth, by mud drilling, +/- 400', from the APD approved TD depth of 3700' to 4100'. This well is shallow & a directional drill, which will make it difficult to reach the desired long step. Cement volumes will be adjusted accordingly. Notified Steve Mason (BLM) & Charlie Perrin (OCD) and received verbal approval. The updated project proposal is attached. ✓

CONDITIONS OF APPROVAL

Adhere to previously issued stipulations.

**BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS**

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

Signed

Marie E. Jaramillo

Title: Staff Regulatory Technician

Date 08/09/11

(This space for Federal or State Office use)

APPROVED BY Troy L. SalysTitle Petroleum EngineerDate 8/19/2011**NMOCD**

PC

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

JOHNSTON FEDERAL 9F

DEVELOPMENT

Lease:		AFE #: WAN.CDR.9353				AFE \$: 1,635,046.98	
Field Name: SAN JUAN		Rig: Aztec Rig 920		State: NM	County: SAN JUAN		API #: 3004535152
Geologist:		Phone:		Geophysicist:		Phone:	
Geoscientist:		Phone:		Prod. Engineer:		Phone:	
Res. Engineer:		Phone:		Proj. Field Lead:		Phone:	
Primary Objective (Zones):							
Zone	Zone Name						
FRR	BASIN DAKOTA (PRORATED GAS)						
Location: Surface Datum Code: NAD 27 Directional							
Latitude: 36.859771		Longitude: -107.745639		X:	Y:	Section: 35	Range: 009W
Footage X: 1453 FEL		Footage Y: 749 FNL		Elevation: 5976 (FT)		Township: 031N	
Tolerance:							
Location: Bottom Hole Datum Code: NAD 27 Directional							
Latitude: 36.856079		Longitude: -107.747299		X:	Y:	Section: 35	Range: 009W
Footage X: 1930 FEL		Footage Y: 2100 FNL		Elevation: (FT)		Township: 031N	
Tolerance:							
Location Type: Restricted		Start Date (Est.): 1/1/2011		Completion Date:		Date In Operation:	
Formation Data: Assume KB = 5990 Units = FT							
Formation Call & Casing Points	Depth (TVD in Ft)	SS (Ft)	MD (Ft)	Depletion (Yes/No)	BHP (PSIG)	BHT	Remarks
Surface Casing	200	5790		<input type="checkbox"/>			12-1/4 hole. 215' 9 5/8" 32.3 ppf, H-40, STC casing. Cement with 170 cuft. Circulate cement to surface.
NACIMIENTO	244	5746		<input type="checkbox"/>			
OJO ALAMO	1533	4457		<input type="checkbox"/>			
KIRTLAND	1642	4348		<input type="checkbox"/>			
FRUITLAND	2264	3726		<input type="checkbox"/>			Possible Gas
PICTURED CLIFFS	2808	3182		<input type="checkbox"/>			
LEWIS	2946	3044		<input type="checkbox"/>			
HUERFANITO BENTONITE	3514	2476		<input type="checkbox"/>			
CHACRA	3863	2127		<input type="checkbox"/>			
Intermediate Casing	4100	1890		<input type="checkbox"/>	123		8 3/4" Hole. 7", 23 ppf, J-55, LTC Casing. Cement with 986 cuft. Circulate cement to surface.
UPPER CLIFF HOUSE	4301	1689		<input type="checkbox"/>			Gas; Est. Top Perf - 4303 (1687)
MASSIVE CLIFF HOUSE	4585	1405		<input type="checkbox"/>	131		Gas; Cliffhouse is dry
MENEFEE	4653	1337		<input type="checkbox"/>			
POINT LOOKOUT	5023	-967		<input type="checkbox"/>			
MANCOS	5353	637		<input type="checkbox"/>			
UPPER GALLUP	6319	-329		<input type="checkbox"/>			
GREENHORN	7044	-1054		<input type="checkbox"/>			
GRANEROS	7096	-1106		<input type="checkbox"/>			
TWO WELLS	7156	-1166		<input type="checkbox"/>	3090		Gas
PAGUATE	7232	-1242		<input type="checkbox"/>			
UPPER CUBERO	7274	-1284		<input type="checkbox"/>			

PROJECT PROPOSAL - New Drill / Sidetrack

San Juan Business Unit

JOHNSTON FEDERAL 9F

DEVELOPMENT

LOWER CUBERO	7292	-1302	<input type="checkbox"/>	
ENCINAL	7346	-1356	<input type="checkbox"/>	TD - 40' below T/ENCN; Est. Btm Perf - 7366 (-1376) based on offset wells
Total Depth	7386	-1396	<input type="checkbox"/>	221 6-1/4" hole, 4-1/2" 11.6 ppf, L-80, LTC casing. Cement w/ 503 cuft. Circulate cement a minimum of 100' inside the previous casing string.

Reference Wells:		
Reference Type	Well Name	Comments
Production	Hunsaker 2M	31N 9W 26 NE SW SE
Production	Johnston Federal 6E	31N 9W 35 NW NE SW
Production	Johnston Federal 6B	31N 9W 35 SE NW NW
Production	Johnston Federal 30	31N 9W 35 NE SW SE

Logging Program:	
Intermediate Logs:	<input type="checkbox"/> Log only if show <input type="checkbox"/> GR/ILD <input type="checkbox"/> Triple Combo

TD Logs:	<input type="checkbox"/> Triple Combo <input type="checkbox"/> Dipmeter <input type="checkbox"/> RFT <input type="checkbox"/> Sonic <input type="checkbox"/> VSP <input type="checkbox"/> TDT <input checked="" type="checkbox"/> Other
	Cased Hole GR / CBL
	Mudlog from 100' above top of GLLP to TD - mudlogger will call TD.

Additional Information:					
Log Type	Stage	From (Ft)	To (Ft)	Tool Type/Name	Remarks

Comments: Location/Tops/Logging - DKNM031N009W35NE2 Prefer A, H, G, B. Vertical twinning options in A & B. Topo could be an issue.

Zones - DKNM031N009W35NE2

General/Work Description - 8/3/09: Economic as directional with additional \$400M (total cap \$1657M), ROR 20.9% & NPV \$189.5M.--TLJ

04/5/2010.-Drilling Cost Estimate: Base Line of \$131.92 /ft for 1429 ft step out. Two stages cement job. expecting losses (1 add operation day & \$10K of Mud products). Intermediate casing set at 3700-ft TVD, 754 ft into Lewis & 4 1/2" 11.6#/ft L-80 LTC will be run as production string. Two wells will be drilled on this pad (Johnston Federal 9M). Estimated 15 days. Cost changed to \$ 140.40/ft. JC.

04/05/10 -No Drilling H2S Contingency Required. JC

7/28/10 CVecere - Facility cost estimate does not include reclamation as it is already under the drilling network.