

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well

GAS

5. Lease Number

NM-58887

6. If Indian, All. or
Tribe Name

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

Unit Agreement Name

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number

Newco #2A

9. API Well No.

30-045-29652

4. Location of Well, Footage, Sec., T, R, M

1850' FNL, 855' FEL, Sec. 19, T-32-N, R-9-W, NMMPM

10. Field and Pool

Blanco Mesaverde

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

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

13. Describe Proposed or Completed Operations

It is intended to perform a squeeze operation during completion of the
subject well according to the attached procedure and wellbore diagram.

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

Signed

*Duane W. Spencer*Title Regulatory Administrator Date 9/24/98

vkh

(This space for Federal or State Office use)

APPROVED BY

/s/ Duane W. Spencer

Title

Date

SEP 24 1998

CONDITION OF APPROVAL, if any:

BURLINGTON RESOURCES

Newco #2A

1850' FNL, 855' FEL
Unit A, Section 19, T32N, R9W
San Juan County, New Mexico
LAT: 36° 58.05' / LONG: 107° 48.15'
Blanco Mesaverde Completion

COMPLETION PROCEDURE

Directions to Location:

From Aztec, travel North on US Hwy 550 for 3.1 miles to CR #2770. Go right for 6.6 miles to Arkansas Loop. Go left 8.3 miles. Go left 1.5 miles to new access on right, which continues for 1700 ft. to new location.

Squeeze Procedure:

1. Hold safety meeting. MIRU completion rig. Place fire and safety equipment in strategic locations. Comply with all BR, BLM, and NMOCD rules and regulations.
2. NU BOP. Install 2-3/8" pipe rams. Strap and rabbit tubing.
3. MU 4-1/2" fullbore packer on 2-3/8" tubing. RIH to the liner hanger at 3438'. (NOTE: At this point obtain an accurate tubing strap so that when drilling the cement down to the liner top, the tubing strap prevents the drilling of the liner top itself.) Run 30' inside 4-1/2" liner, set packer, pressure test below packer to 3000 psi for 15 minutes. Pressure test backside (7" x 2-3/8" annulus) to 3000 psi. If test fails below packer, begin locating the leak in liner. If the annulus fails, POOH w/ 4-1/2" packer to pickup 7" fullbore packer to locate leak in 7" casing (The liner hanger is the suspect leak.).
4. MU 7" fullbore packer, RIH to 50' above liner top (TOL at 3438'). Pressure test below packer and annulus to 3000 psi for 15 minutes. If annulus fails, begin locating hole in 7" casing. If liner fails, pull up 200' above liner top and set packer. Establish injection rate. Contact superintendent with rate and pressure.
5. RU cement company. The CBL shows a +/- 370' void with no cement from the liner hanger down into the 6-1/4" open hole. This void volume is approximately 38 cu. ft.; adding 100 % excess brings the volume to 76 cu. ft. The injection rate and pressure will determine the amount of cement that needs to be pumped. If the injection is a high rate low pressure injection, prepare to pump 500 sxs cement. If the injection is a low rate (1.5 BPM or less) high pressure injection, prepare to pump 100 – 150 sxs cement; or potentially spot 50-100 sxs cement on the liner top. The following table has cement properties:

Cement:	Class B	Sacks:	500 sxs
	50/50 Poz	Volume:	370 cu. Ft.
	Total Gel 2%		37.0 bbls
		Density:	13.7 ppg
		Yield:	1.23 Ft ³ /sx
		Mix Water:	5.2 gal/sx

6. Displace cement to bottom of packer, slow rate considerably, and begin a walking squeeze (Increase pressure with displacement due to cement setting up.). Displace cement to within 50' of liner top. Do not displace cement past 50' above liner top. After 6 hours unseat packer and POOH. WOC 12 hour before drilling.
7. MU and RIH with 6-3/4" bit and bit sub. Drill collars are not necessary. Tag cement and begin drilling. Drill to liner top at 3438' (use the strap recorded earlier to ensure location of liner top). POOH with 6-3/4" bit.
8. MU and RIH with 3-7/8" bit and bit sub. Drill collars are not necessary. RIH to liner top and gently attempt to enter liner hanger. Some drilling may be necessary. Use light weight on bit. Once into liner continue to PBTD at 6041', circulate hole clean. Close pipe rams and pressure test to 3000 psi for 15 minutes. If test successful, POOH laying down work string. If test fails, call superintendent for revised procedure.
9. After squeeze work is complete rig down and move off.

Prepared By: Sean E. Corrigan 9/27/98
 Sean E. Corrigan
 Production Engineer
 Office – 326-9812; Pager – 324-4208

Approved By: _____
 Regional Engineer

Approved By: PUR 9/24/98
 Drilling Superintendent

VENDORS:

CASED HOLE:
STIMULATION:
FRAC VALVE:

SERVICE
COMPANY
 Basin
 Halliburton
 District Tools

PHONE
NUMBER
 327-5244
 325-3575

Newco #2A

Blanco Mesaverde

Unit A, Section 19, T32N, R9W

San Juan, NM

Elevation: 6599' GL, 6614' KB

LAT: 36 58.05 / LONG: 107° 48.15'

date spud: 8/27/98

