State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-045-08968

1. **Type of Well**
GAS

5. **Lease Number**

6. **State Oil&Gas Lease #**
B-10037-86

2. **Name of Operator**
BURLINGTON RESOURCES **OIL & GAS COMPANY**

7. **Lease Name/Unit Name**
Beaver Lodge Com

8. **Well No.**
#1

3. **Address & Phone No. of Operator**
PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. **Pool Name or Wildcat**
Blanco Mesaverde

4. **Location of Well, Footage, Sec., T, R, M**
1650'FSL, 990'FWL, Sec.32, T-30-N, R-8-W, NMPM, San Juan County

10. **Elevation:**

Type of Submission	**Type of Action**	
_X_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other -	

13. Describe Proposed or Completed Operations

It is intended to repair the bradenhead on the subject well according to the attached procedure.

SIGNATURE Peggy Cole Regulatory Supervisor August 20, 2002

TLW

(This space for State Use)

APPROVED BY CHARLIE T. PERRIN DEPUTY OIL & GAS INSPECTOR

Approved by _____ **Title** _____ **Date** AUG 22 2002

Area 6

BEAVER LODGE COM #1
Mesaverde
1650' FSL & 990' FWL
Unit L, Sec. 32, T30N, R08W
Latitude / Longitude: N36°45.93' / W107°42.228'
San Juan County, New Mexico
AIN: 4853401
8/14/2002 Bradenhead Repair Procedure

Summary/Recommendation:

BEAVER LODGE COM 1 was drilled and completed as an openhole Mesaverde producer in 1953. In 1970 the openhole interval was squeezed and the well was sidetracked; a 4-1/2" production longstring was set at 4990. In 1994 the Lewis and Menefee were added. 3-month average production is 208MCFD with cumulative production of 6.2BCF. A bradenhead test performed 6/11/02 showed 76 psi on the intermediate casing and 80 psi on the casing at the onset of the test. After flowing for 30 minutes the casing and intermediate showed communication. The bradenhead's gas flow was zero psig and flowed TSTM. The Aztec NMOCD office has asked that remedial action be initiated by September 15, 2002. It is recommended to set a CIBP over the Mesaverde formation and identify the cause of the intermediate casing pressure.

1. Comply with all BLM and BROG regulations. Conduct daily safety meetings for all personnel on location. Notify BROG Regulatory (Peggy Cole 326-9727) and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document the approval in DIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.

2. MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCl water if necessary. NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary.

3. TOOH with 2-3/8" 4.7# J-55 EUE and stand back. WL set CIBP at 3207' (50' above upper most Lewis perf 3257-4041'). Load hole, open and blow down intermediate casing valve. Pressure test 4-1/2" 10.5# K-55 longstring casing to 500psi for 30 min – record leak-off if any. Monitor intermediate casing valve for leak-off and record

4. Nipple down BOP and C-section. Ratigan-style C-section will be replaced with new or refurbished C-section. If necessary add stub to 4-1/2" production casing to ensure enough height into new C-section and secondary seal. Reset C-section and energize secondary seals. Re-pressure test 4-1/2" longstring to 500psi with intermediate casing valve open.

5. **If pressure test in step #3 or #4 failed:** pick up packer and isolate holes in 4-1/2" longstring. Run CBL from 3207' to determine TOC between the 4-1/2" longstring and 7" 20# J-55 intermediate casing. The HUERFANITO BENTONITE has been identified at 3174'. Call Operations Engineer/Senior Rig Supervisor to report TOC results.

6. TIH with 3-7/8" mill to CIBP at 3207'. Unload hole and establish mist rate. Drill up CIBP and clean out to PBTD at 4976'; clean out with air/mist. PU above the perforations and flow the well naturally, making short trips for clean up when necessary. TOOH with workstring. **NOTE: When using air/mist, minimum mist rate is 12 bph.**

7. TIH with 2-3/8" tubing string with an expendable check on bottom, seating nipple, one joint 2-3/8", 2' x 2-3/8" pup joint, then ½ of the 2-3/8" tubing. Run a broach on sandline to insure the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. Replace bad joints as necessary.

8. Land tubing no lower than 4938'. ND BOP and NU WH. Pump off expendable check. Obtain final pitot gauge up the tubing. Connect to casing and circulate air to assure that the expendable check has pumped off. If well will not flow on its own, make swab run to seating nipple. **During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production.** RD and MOL. Return well to production.

Recommended: M Wardinsky 8/14/02
Operations Engineer
Mike Wardinsky

Approved: Bruce D. Boyer 8-20-02
Drilling Manager
Bruce Boyer

Sundry Required: (YES) NO

Approved: Peggy Cole 8-20-02
Regulatory
Peggy Cole

Operations Engineer:	Mike Wardinsky	Office: 599-4045	Cell: 320-5113		
Lease Operator	Leroy Serrano		Cell: 320-1364	Pager: 324-7440	
Specialist:	Les Hepner		Cell: 320-2531	Pager: 327-8619	
Foreman:	Hans Dube	Office: 326-955	Cell: 320-4925	Pager: 949-2664	

MHW/clc