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

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-039-07556

1. **Type of Well**
GAS

5. **Lease Number**
Fee

6. **State Oil&Gas Lease #**

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

7. **Lease Name/Unit Name**
San Juan 29-7 Unit

8. **Well No.**
58

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**
840'FSL, 890'FWL, Sec.26, T-29-N, R-7-W, NMPM, Rio Arriba 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 - Bradenhead repair	

13. Describe Proposed or Completed Operations

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

SIGNATURE Peggy Cole (MR7) Regulatory Supervisor September 20, 2002

no

(This space for State Use)

APPROVED BY CHARLIE T. PERRIN

Approved by _____ **Title** _____ **Date** SEP 23 2002

Area 7

San Juan 29-7 Unit #58
Mesaverde
840' FSL 890' FWL
Unit M, Sec. 26, T29N, R07W
Latitude / Longitude: 36° 41.52' / -107° 32.76'
Rio Arriba County, New Mexico
AIN: 6965501
9/10/2002 Bradenhead Repair Procedure

Summary/Recommendation:
San Juan 29-7 Unit #58 was drilled and completed as a Mesaverde producer in January 1957. This well has failed the 2002 Bradenhead Test and the NMOCD office has demanded remedial action be completed as soon as possible. At the onset of the test there was 218 psi on the casing and no pressure on the bradenhead. After blowing the intermediate for 30 minutes the pressure fell to 32 psi. The intermediate pressure built back up to 195 psi in 15 minutes. The tubing was last pulled in 2001 for a tubing repair. The 3-month average production is 166 Mcfd with cumulative production of 4272 MMcf. It is recommended to set a CIBP over the perforations, identify the cause of intermediate pressure, remediate and place well back on production.

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. Test secondary seal and replace/install as necessary.

3. The 2-3/8", 4.7#, J-55 tubing is set at 5461'. Release donut; pick up additional joints of tubing and tag bottom (record depth.) PBTD should be at +/- 5570'. TOOH with tubing. Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale and notify Operations Engineer.

4. RU wireline unit. RIH with 5" CIBP and set at approximately 4850' (top perf is at 4894'). Load hole with 2% KCl water. Run GR-CBL to determine TOC (TOC is calculated to be at 3824' w/ 75% excess factor). Send log into office for evaluation. Pressure test casing to 500 psi. Bleed off pressure. If pressure test fails, isolate leak with packer.

5. a) If TOC is above 7" shoe (at 3400') and casing passes pressure test: Proceed to Step 9.

   b) If TOC is above 7" shoe (at 3400') and casing fails pressure test: Proceed to Step 6.

   c) If TOC is below 7" shoe (at 3400'): Contact superintendent and operations engineer for squeeze design and proceed to Step 7.

6. ND BOP and B-section. NU BOP. Cut and recover 5", 11.5# casing above TOC. TOOH and LD 5" casing. TIH with RBP-packer combo, pressure test 7" casing, and isolate holes (if any). If casing does not test, contact superintendent and operations engineer for squeeze procedure and proceed to Step 7. If casing does test, proceed to Step 9.

7. Follow squeeze procedure as recommended by superintendent and operations engineer. RIH with cement retainer and set 150' above holes. RD wireline unit. RIH with 2-3/8" tubing and sting into cement retainer. Pressure test cement retainer to 500 psig. Establish rate into holes with intermediate valve open (max pressure 1000 psig). Mix and pump cement. Displace cement to cement retainer. Close intermediate valve and squeeze cement into holes.

8. WOC for 12 hours. While waiting, TOOH with tubing and pick up 4-1/4" bit. TIH with 4-1/4" bit on 2-3/8" tubing and drill out cement retainer and cement. Pressure test casing to 500 psig. Test intermediate valve for flow. Re-squeeze as necessary to hold pressure, or to stop intermediate flow.

9. TIH with 4-1/4" mill and bit and drill out CIBP. Clean out to PBTD at 5570' with air/mist **using a minimum mist rate of 12 bph**. TOOH and LD mill and bit.

10. TIH with an expendable check on bottom, seating nipple, one joint 2-3/8", one 2' x 2-3/8" pup, then ½ of the remaining tubing. Run a broach on sandline to ensure the tubing is clear. TIH w/ remaining tubing and then broach this tubing. Replace bad joints as necessary. Alternate blow and flow periods to check water and sand production rates.

11. Land tubing at approximately 5460'. ND BOP and NU WH. Pump off expendable check. Connect to casing and circulate air to assure that expendable check has pumped off. If well will not flow on its own, make swab run to SN. **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: Matt Roberts 9/19/02
Operations Engineer

Approved: Bruce W. Boyd 9-19-02
Drilling Manager

Matt Roberts: Office: 599-4098
Cell: 320-2739

Sundry Required: (YES) NO

Approved: Peggy Cole 9-20-02
Regulatory

Production Foreman	Bruce Voiles	320-2448 (Cell)	327-8937 (Pager)
Specialist	Gabe Archibeque	320-2478 (Cell)	326-8256 (Pager)
Lease Operator	Matt Crane	320-1400 (Cell)	327-8369 (Pager)

MBR/slm