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

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

API # (assigned by OCD)
30-045-09505

5. **Lease Number**

6. **State Oil&Gas Lease #**
B-10938-55

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

7. **Lease Name/Unit Name**
Stanolind Gas 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**
1640'FNL, 1730'FEL, Sec.16, 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 - Bradenhead repair	

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 8, 2002

TLW

(This space for State Use)

AUG

Approved by _____ **Title** _____ **Date** _____

Area 6

STANOLIND GAS COM 1

Mesaverde
1640' FNL & 1730' FEL
Unit G, Sec. 16, T30N, R08W
Latitude / Longitude: N36° 48.912' / W107° 40.71'
San Juan County, New Mexico
AIN: 4933301

8/6/2002 Bradenhead Repair Procedure

Summary/Recommendation:

STANOLIND GAS COM 1 was drilled and completed as a Mesaverde producer in 1955. In November 1998, a cleanout and tubing repair workover was performed. 2-3/8" tubing string was landed @ 4891' (SN @ 4858'). The 3-month average production is 91 MCFD with cumulative production of 5.4 BCF. A bradenhead test performed 6/11/02 showed 160psi on the intermediate casing at the onset and 45psi at the end of the test. The Bradenhead and the intermediate casing both flowed black water. There was no communication between the intermediate casing and the production casing. A noise-log run in 1993 showed anomalies from 288-1100'. Bradenhead tests dating back to 1996 have shown problems. The Aztec NMOCD office has asked that remedial action be completed by September 15, 2002. We recommend setting a CIBP over the Mesaverde formation to identify the cause of bradenhead and intermediate 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. **Test secondary seal and replace/install as necessary.**

3. TOOH with 2-3/8" 4.7# J-55 EUE and stand back. WL set CIBP 50' above upper most perf at 4286' (Mesaverde perfs from 4336-4592' & 4638-4948'). Load hole and pressure test 5-1/2" casing to 500psi for 30 min – record leak-off if any. Run CBL from 4286' to determine TOC between the 5-1/2" 14# J-55 longstring and 7-5/8" 24# H-40 intermediate casing. The HUERFANITO BENTONITE has been identified at 3279'. Call Operations Engineer/Senior Rig Supervisor to report TOC results.

4. IF TOC IS ABOVE 7-5/8" SHOE (at 2785'): proceed to step #8.

5. IF TOC IS BELOW 7-5/8" SHOE: Shoot two squeeze holes in 5-1/2" casing at 3279' OR NEAREST TO TOC. TIH with cement retainer and 2-3/8" workstring; set cement retainer 50' above squeeze holes. Sting into cement retainer; establish and record injection rate and pressures. Open and monitor intermediate casing annulus for circulation; if well permits establish circulation to surface prior to squeeze. Squeeze with Cl B cement (Include 100% excess to 100' above 7-5/8" shoe -- 7-5/8" shoe at 2785'). Sting out of cement retainer and TOOH. WOC overnight.

6. PU 4-3/4" mill and TIH to cement retainer. Drill up cement retainer and dress off cement to CIBP. P-test 5-1/2" casing 500psi for 30 min. Record leak-off if any. TOOH.

7. Run CBL from 50' below squeeze holes to TOC; identify and record TOC. If the TOC is not 100' above the 7-5/8" shoe call Operations Engineer/Senior Rig Supervisor for contingency plan.

8. ND BOP and ND C-section. NU BOP on B-section. Chemical-cut and recover 5-1/2" casing above 7-5/8" shoe and above TOC. TOOH and LD 5-1/2" casing. Load hole with 2%KCl water and pressure test 7-5/8" intermediate casing to 500# for 30 min. Record leak off and notify Operations Engineer/Senior Rig Supervisor. Run CBL from 5-1/2" liner top to TOC.

9. IF PRESSURE TEST HOLDS OK: proceed to step #11.

10. IF PRESSURE TEST FAILS: Prepare to locate holes in 7-5/8" intermediate string. If multiple holes are encountered the 5-1/2" casing may need to be tied back to the liner top; remediation will proceed through 5-1/2" casing. If isolated hole intervals are encountered and successful remediation can be accomplished the 5-1/2" casing will not be tied back. Proceed to step #11.

11. Shoot two squeeze holes in 7-5/8" casing NEAREST TO TOC. TIH with cement retainer and 2-3/8" workstring; set cement retainer 50' above squeeze holes. Sting into cement retainer; establish and record injection rate and pressures. Open and monitor bradenhead for circulation; if well permits establish circulation to surface prior to squeeze. Squeeze with Cl B cement (include 100% excess to surface). Sting out of cement retainer and TOOH. WOC overnight.

12. PU 6-3/4" mill and TIH to cement retainer. Drill up cement retainer and dress off cement to CIBP. P-test 7-5/8" casing 500psi for 30 min. Record leak-off if any. TOOH.

13. TIH with swedge for 5-1/2" casing on 2-3/8" workstring. Dress of 5-1/2" liner top. TOOH.

14. TIH with 4-3/4" mill to CIBP at 4286'. Unload hole and establish mist rate. Drill up CIBP and clean out to PBTD at 4954'; 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.**

15. 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.

16. Land tubing no lower than 4890'. 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: 8/6/02
Operations Engineer
Mike Wardinsky

Approved: Bruce D. Boyer 8.6.02
Drilling Manager
Bruce Boyer

Sundry Required: (YES) NO

Approved: 8.7.02
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