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

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-039-20044

1. **Type of Well**
GAS

5. **Lease Number**
Fee

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

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

7. **Lease Name/Unit Name**
San Juan 28-6 Unit

8. **Well No.**
#138

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

9. **Pool Name or Wildcat**
Basin Dakota

4. **Location of Well, Footage, Sec., T, R, M**
1450'FNL, 1650'FEL, Sec.23, T-28-N, R-6-W, NMPM, San Juan County, NM

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 - Tubing Repair	

13. **Describe Proposed or Completed Operations**

It is intended to repair the tubing in the subject well according to the attached procedure.

RECEIVED
JUN 15 1999
OIL CON. DIV.
DIST. 3

SIGNATURE [signature] Regulatory Administrator June 7, 1999

trc

(This space for State Use)

ORIGINAL SIGNED BY CHARLIE T. PERRIN DEPUTY OIL & GAS INSPECTOR, DIST. #3 JUN 15 1999

Approved by _____ Title _____ Date _____

San Juan 28-6 Unit #138

Basin Dakota

Unit G, Sec. 23, T-28-N, R-6-W

Latitude / Longitude: 36° 39.0024' / 107° 25.95336'

Recommended Tubing Repair Procedure 5/24/99

Project Justification: This well hasn't been pulled since its 1967 completion. At that time, the 2-3/8" tubing was landed 7' above the top perforation. Because the well is unable to achieve a critical velocity through the 4-1/2" casing, it is unable to lift liquids existing below the end of the tubing. As a result, an additional 47 psi of hydrostatic backpressure is being applied to the formation at the mid-perforation depth. Lowering the tubing will not only increase the production rate, it will also increase the well's reserves.

NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 10'.

1. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Prior to moving in rig, make one-call and then verify rig anchors and dig pit.

2. MIRU workover rig. NU relief line and blow well down (kill with 2% KCL water only if necessary). ND WH and NU BOP. Test and record operation of BOP rams. Replace any WH valves that do not operate properly. Test secondary seal and install or replace if necessary.

3. **NOTE: This well operates with a plunger lift system.** Dakota, 2-3/8", 4.7#, J-55 tubing set at **7585'** (242 jts). Broach tubing and set tubing plug in tubing as deep as possible to prevent the plunger from surfacing. Release donut, pick up additional joints of tubing and tag bottom, recording the depth. PBTD should be at +/- **7815'**. TOOH and stand back 2-3/8" tubing. Visually inspect tubing for corrosion, and replace any bad joints. Check tubing for scale and notify Operations Engineer and Drilling Superintendent if it is present.

4. PU 3-7/8" bit, bit sub, and watermelon mill on 2-3/8" tubing and round trip to PBTD, cleaning out with air/mist. **NOTE: When using air/mist, mist rate must not be less than 12 bph.** Speak with Operations Engineer and Drilling Superintendent, and if necessary, determine the best way to remove scale from the casing and perforations.

5. TIH with one joint of 2-3/8" tubing with expendable check, F-nipple (one joint off bottom), then ½ of the 2-3/8" production tubing. Run a broach on sandline to ensure that the tubing is clear. TIH with remaining 2-3/8" tubing. Replace any bad joints. CO to PBTD with air/mist.

6. PU above the top Dakota perforation at **7592'** and flow the well naturally, making short trips for clean-up when necessary. Discuss sand production with Operations Engineer and Drilling Superintendent to determine when clean-up is sufficient.

7. Land tubing at **7744'**. Obtain pitot gauge from casing and report this gauge. Broach the upper ½ of the production tubing. 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. RD and MOL. Return well to production.

Recommended: L. Tom Loveland
Operations Engineer 5/26/99

Approved: Bruce D. Boyd 6.3.99
Drilling Superintendent

Operations Engineer: L. Tom Loveland

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