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

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-039-20313

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 27-5 Unit

8. **Well No.**
120

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**
1840'FSL 800'FWL, Sec.23, T-27-N, R-5-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 - tubing repair	

13. **Describe Proposed or Completed Operations**

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

RECEIVED
OCT 6 1998
OIL CON. DIV.
DIST. 3

SIGNATURE Vanessa K. Hebert for (LTL3) Regulatory Administrator September 30, 1998

TLW

(This space for State Use)

Approved by ORIGINAL SIGNED BY CHARLIE T. PERRIN Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date OCT - 6 1998

San Juan 27-5 Unit #120

Basin Dakota

Unit L, Sec. 23, T-27-N, R-5-W

Latitude / Longitude: 36°33.3783' / 107°20.0061'

Recommended Tubing Repair Procedure 9/2/98

Project Justification: A tubing repair was performed in May 1997. During the workover, 31 joints of the 1-1/2" production tubing were dropped down the hole and later recovered. The recovered tubing was reported as looking good, and was rerun. The entire string held 500 psig (at the surface) when pressure tested with a standing valve. Oil production fell sharply in July 1997 when the piston would not surface, and the lease operator reported equalized tubing and casing pressures, indicating a hole in the tubing. Slickline was run in August 1998, and discovered the piston and some junk stuck in the master valve, but did not test for a hole in the tubing. The piston and junk were removed.

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. **Dakota, 1-1/2", 2.7#, J-55 tubing set at 7680' (236 jts).** Broach tubing and set tubing plug in nipple at **7640'**. Fill tubing with half of its volume of 2% KCL to insure the tubing plug will be held in place. Release donut, pick up additional joints of tubing and tag bottom, recording the depth. PBTD should be at +/- **7792'**. TOOH and stand back 1-1/2" tubing. Visually inspect tubing for corrosion, and replace any bad joints. Check tubing for scale and notify Operations Engineer if it is present.

4. TIH with 3-7/8" bit, bit sub, and watermelon mill on 2-3/8" workstring 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 if necessary, determine the best way to remove scale from the casing and perforations.

5. TIH with one joint of 1-1/2" tubing with expendable check, F-nipple (one joint off bottom), then ½ of the 1-1/2" production tubing. Run a broach on sandline to insure that the tubing is clear. TIH with remaining 1-1/2" tubing. Replace any bad joints. CO to PBTD with air/mist.

6. PU above the top Dakota perforation at **7478'** and flow the well naturally, making short trips for clean-up when necessary.

7. Land tubing at **7650'**. 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 9/2/98

Approved: Bruce W. Boyer 9.8.98
Drilling Superintendent

Operations Engineer: L. Tom Loveland

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