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

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-039-20645

1. **Type of Well**
GAS

5. **Lease Number**

6. **State Oil&Gas Lease #**
E-5111-7-NM

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

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

8. **Well No.**
106

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**
1650'FSL 1840'FWL, Sec.36, 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 - 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
AUG 28 1998
OIL CON. DIV.
DIST. 3

SIGNATURE [signature] (LTL8) Regulatory Administrator August 26, 1998

TLW

(This space for State Use)

Approved by [signature] **Title** DEPUTY OIL & GAS INSPECTOR, DIST. #3 **Date** AUG 28 1998

San Juan 29-7 Unit #106

Basin Dakota
Unit K, Sec. 36, T-29-N, R-7-W
Latitude / Longitude: 36° 40.7693' / 107° 31.4566'
Recommended Tubing Repair Procedure 7/27/98

Project Justification: The last time the tubing was pulled was in 1974, when a Halliburton E-Z Drill Cement Retainer was set at 8040' in an effort to stop water production from the lower Dakota. At that time, the well was making 360 MCF/D and 21 BWPD. Currently, the well makes an estimated 4 BWPD and has problems with liquid loading. During this tubing repair, a CIBP will be set at 7980' and its effects on gas and water production will be evaluated.

NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 13'.

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", 2.9# tubing set at 8001' (250 jts).** Broach tubing and set tubing plug in nipple at **7968'**. 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. COTD should be at +/- **8040'**. TOOH and LD 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. PU and TIH with 3-7/8" bit, bit sub, and watermelon mill on Class "B" 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 if necessary, determine the best way to remove scale from the casing and perforations. PU above the top Dakota perforation at 7862' and flow the well naturally, making short trips for clean-up when necessary. Report water rates to the Operations Engineer.

5. After the well has stopped making sand, TOOH w/ 2-3/8" tubing and LD bit, bit sub, and mill. PU and TIH with 4-1/2" RBP on 2-3/8" tubing to **7960'**. Obtain a pitot gauge through the RBP setting tool and report this gauge.

6. Set RBP at **7980'**. Blow well above RBP to obtain an estimate of water production. Inform Operations Engineer of results. Obtain a pitot gauge through the RBP setting tool and report this gauge as well. Latch onto RBP and TOOH. LD RBP.

7. Confirm CIBP setting depth with Operations Engineer. RU wireline unit and set 4-1/2" CIBP at that depth.

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

9. Land tubing at **7960'**. 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

Approved: Brud D. Boyer 8-25-98
Drilling Superintendent

Operations Engineer: L. Tom Loveland
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Pager 324-2568
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