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

Sundry Notices and Reports on Wells

API # (assigned by OCD)
30-039-23601

1. **Type of Well**
GAS

5. **Lease Number**

6. **State Oil&Gas Lease #**
B-10037-83

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

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

8. **Well No.**
31E

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**
800'FNL 910'FEL, **Sec.32, 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
NOV - 9 1998
OIL CON. DIV.
DIST. 3

SIGNATURE [signature] (TL8) Regulatory Administrator November 5, 1998

TLW

(This space for State Use)

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

Approved by _____ Title _____ Date NOV 9 1998

San Juan 29-7 Unit #31E

Basin Dakota

Unit A, Sec. 32, T-29-N, R-7-W

Latitude / Longitude: 36°41.25000' / 107°35.26980'

Recommended Tubing Repair Procedure 10/19/98

Project Notes: Tubing hasn't been pulled since 1985 completion. The well has not responded to lateral compression (installed mid 1997) and has been declining at an approximate 39% per year since the beginning of 1996. According to the lease operator, the well used to produce about 1-1/2 BOPD & 0 BWPD, but no longer makes liquids. When unloaded, the well will only blow a fine mist. A tubing leak is suspected. The bottommost perforations in the well are near the Encinal Canyon section of the Dakota, a section well known for its water production in this area. Although unlikely, a CIBP may have to be set to stop this possible water source.

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#, J-55 tubing set at 7739' (242 jts).** Broach tubing and set tubing plug in nipple at **7705'**. 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 +/- **7763'**. TOOH and LD 1-1/2" tubing. 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" 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. Obtain a pitot gauge from the casing and an estimate of water production; report these to the Operations Engineer, and discuss setting a CIBP at **7640'**.

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 insure 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 **7554'** and flow the well naturally, making short trips for clean-up when necessary.

7. Land tubing at **7680'** (If a CIBP was set in step 4, land tubing at **7600'**). 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 10/19/98 Approved: Bruce D. Boyd 10-27-98
Operations Engineer Drilling Superintendent

Operations Engineer: L. Tom Loveland
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Pager 324-2568
Home 564-4418

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