

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

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
BURLINGTON RESOURCES OIL & GAS COMPANY

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

4. Location of Well, Footage, Sec., T, R, M
1830' FSL 1090' FWL, Sec.2, T-27-N, R-5-W, NMPM, Rio Arriba County

5. Lease Number

6. State Oil&Gas Lease #
E-290-19-NM
Lease Name/Unit Name
San Juan 27-5 Unit

8. Well No.
111

9. Pool Name or Wildcat
Basin Dakota

10. Elevation:

API # (assigned by OCD)
30-039-20218

RECEIVED
FEB 12 1999
OIL CON. DIV.
DIST. 3

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

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

SIGNATURE [Signature] (LTL3) Regulatory Administrator February 10, 1999

TLW

(This space for State Use)

ORIGINAL SIGNED BY CHARLIE T. PERRIN

Approved by _____ Title _____

DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date FEB 12 1999

San Juan 27-5 Unit #111
Basin Dakota
Unit L, Sec. 2, T-27-N, R-5-W
Latitude / Longitude: 36° 36.02052' / 107° 19.93014'
Recommended Tubing Repair Procedure 1/28/99

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

Project Justification: The San Juan 27-5 Unit #111 has not been pulled since its completion in 1969. This well has experienced an extremely flat decline (2.7% over its life, less than 1% since 1974) that can be attributed to three possible causes, liquid, scale, or sand. In 1969, the tubing was landed at a depth of 7709', 21' above the top perforation and 217' above the bottom perforation. The high tubing depth will lead to a static liquid level over the perforations, and to an unnecessary ~51# backpressure at the mid-perf depth. There is also the possibility that we have sand or scale covering some of the perforations.

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, 2-3/8", 4.7#, J-55 tubing set at 7709' (250 jts).** Broach tubing and set tubing plug in nipple at **7676'**. 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 +/- **7943'**. TOO H 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 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.
5. TIH with one joint of 2-3/8" tubing with expendable check, F-nipple (one joint off bottom), then 1/2 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 **7730'** and flow the well naturally, making short trips for clean-up when necessary.
7. Land tubing at **7892'**. Obtain pitot gauge from casing and report this gauge. Broach the upper 1/2 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: *J. Tom Loveland*
Operations Engineer *1/28/99*

Approved: *Bruce W. Boyer* *1-29-99*
Drilling Superintendent

Operations Engineer: L. Tom Loveland

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