

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

1550' FSL, 990' FWL, Sec. 4, T-27-N, R-4-W, NMPM

Lease Number  
SF-080668

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name  
San Juan 27-4 Unit

8. Well Name & Number  
San Juan 27-4 U #70

9. API Well No.  
30-039-20719

10. Field and Pool  
Basin Dakota

11. County and State  
Rio Arriba Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ 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.

14. I hereby certify that the foregoing is true and correct.

Signed Seann Cole Title Regulatory Administrator Date 10/28/99  
trc

(This space for Federal or State Office use)

APPROVED BY /s/ Joe Hewitt Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

**San Juan 27-4 Unit #70**  
Basin Dakota  
Unit L, Sec. 4, T-27-N, R-4-W  
Latitude / Longitude: 36° 35.9427' / 107° 15.64728'  
Recommended Tubing Repair Procedure 10/21/99

**Project Justification:** The San Juan 27-4 Unit #70 was completed in 1973 in the Dakota formation. In 1996, the well logged off and has been shut-in since. When the lease operator checked the well's pressures in 10/99, the tubing and casing were equalized with 1356 psig. After blowing the well 30 minutes the casing pressure dropped, but then after shutting the well back in for 5 minutes, the tubing and casing pressures again equalized, indicating a hole in the tubing. The high shut-in pressure further indicates that this well does not have a casing failure. This well is now a demand well, and must either be restored to production or plugged and abandoned. Production is anticipated to return to 65 MCFD after this workover.

**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. **NOTE: Configure the wellhead for 2-3/8" tubing.**
3. Dakota, 1-1/2", 2.9#, J-55 tubing set at **8458'** (257 jts). Broach tubing and set tubing plug in nipple at **8424'**. 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 **8527'**. TOOH and LD 1-1/2" tubing. Visually inspect tubing for corrosion and scale when laying down. Notify Operations Engineer and Drilling Superintendent of tubing's condition.
4. PU 3-7/8" bit and bit sub on 2-3/8" tubing and clean out to PBTD 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. TOOH and LD bit and bit sub.
5. TIH with one 4' pup joint of 2-3/8" tubing with expendable check, seating nipple (above pup joint), then 1/2 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 **8300'** 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 **8468'**. 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 10/27/99

Approved: *Bruce W. Boyer* 10-28-99  
Drilling Superintendent

**Operations Engineer:** L. Tom Loveland

Office 326-9771  
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