

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

5. Lease Number  
SF-079491-A  
6. If Indian, All. or  
Tribe Name

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

**RECEIVED**  
SEP 21 1998

Unit Agreement Name  
San Juan 27-5 Unit

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

**OIL CON. DIV.**  
DIST. 3

Well Name & Number  
San Juan 27-5 U#113

4. Location of Well, Footage, Sec., T, R, M

A 1150' FNL 950' FEL, Sec.10, T-27-N, R-5-W, NMPM

9. API Well No.  
30-039-20201  
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

|                                                      |                                                           |                                                  |
|------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment                      | <input type="checkbox"/> Change of Plans         |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Recompletion                     | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Final Abandonment           | <input type="checkbox"/> Plugging Back                    | <input type="checkbox"/> Non-Routine Fracturing  |
|                                                      | <input type="checkbox"/> Casing Repair                    | <input type="checkbox"/> Water Shut off          |
|                                                      | <input type="checkbox"/> Altering Casing                  | <input type="checkbox"/> Conversion to Injection |
|                                                      | <input checked="" type="checkbox"/> 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**  
SEP 21 1998  
070 FARMINGTON, NM  
98 SEP 10 PM 12:31

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

Signed Nancy Olthmann (LTL3) <sup>for</sup> Title Regulatory Administrator Date 9/8/98

TLW

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. Spencer Title \_\_\_\_\_ Date SEP 15 1998

CONDITION OF APPROVAL, if any:

NMOC

**San Juan 27-5 Unit #113**  
**Basin Dakota**  
**Unit A, Sec. 10, T-27-N, R-5-W**  
**Latitude / Longitude: 36° 35.5316' / 107° 20.3632'**  
**Recommended Tubing Repair Procedure 7/23/98**

**Project Justification:** This well was drilled in 1969 and completed in the Dakota. In 1979, a plug was set in the tubing by slickline, but the tubing would not blow down. Oil production had stopped, the gas rate had dropped, and the tubing would freeze. In 1980, the tubing was pulled to check for holes, and even though none were found, the tubing freezes stopped. The current lease operator reports that casing pressure falls immediately after the tubing is opened, and suspects a hole in the tubing. Gas production has fallen sharply, and without this workover, reserves may be lost.

**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, 1-1/4", 2.4#, J-55 tubing set at 8551' (261 jts).** Broach tubing and set tubing plug in nipple at **8518'**. 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 +/- **8627'**. TOOH and LD 1-1/4" tubing. 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. LD bit, bit sub, and mill.
5. TIH with one joint of Class "B" 2-3/8" tubing with expendable check, F-nipple (one joint off bottom), then 1/2 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 PBTD with air/mist.
6. PU above the top Dakota perforation at **8368'** and flow the well naturally, making short trips for clean-up when necessary.
7. Land tubing at **8536'**. 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: L. Tom Loveland  
Operations Engineer 8/28/98

Approved: Bruce W. Boyer 9-1-98  
Drilling Superintendent

Operations Engineer:

L. Tom Loveland

Office 326-9771

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