

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

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

1750' FNL, 1650' FWL, Sec. 14, T-26-N, R-10-W, NMPM

5. Lease Number

SF-077806

If Indian, All. or  
Tribe Name

Unit Agreement Name

Huerfano Unit

8. Well Name & Number

Huerfano Unit #179

9. API Well No.

30-045-20256

10. Field and Pool

Basin Dakota

11. County and State

San Juan County, 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

*[Signature]*

Title Regulatory Administrator

Date 6/4/99

trc

(This space for Federal or State Office use)

APPROVED BY *[Signature]* Title Team Lead, Resource Management

CONDITION OF APPROVAL, if any:

Date

JUN 23 1999

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOC

**Huerfano Unit #179**  
**Basin Dakota**  
**Unit F, Sec. 14, T-26-N, R-10-W**  
**Latitude / Longitude: 36° 29.44704' / 107° 52.10082'**  
**Recommended Tubing Repair Procedure 5/25/99**

**Project Justification:** The Huerfano Unit #179 was completed in 1968 in the Dakota formation. A packer was set in the well in 1975 to protect the casing against a future failure. In 1994, leaks in the casing were discovered and repaired, and the packer was not rerun. Intending to install a plunger-lift system to combat liquid-loading, the lease operator had slickline run in the well in February 1999. The 1.901" gauge ring was unable to pass below 463', and the plunger-lift system could not be installed.

**NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 12'.**

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 **6813'** (218 jts). Broach tubing and set tubing plug in nipple at **6779'**. 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 +/- **6958'**. TOOH 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 and Drilling Superintendent if it is present.
4. PU 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 Drilling Superintendent, and if necessary, determine the best way to remove scale from the casing and perforations.
5. TIH with one 4' pup joint of 2-3/8" tubing with expendable check, F-nipple (above pup joint), 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 **6678'** 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 **6785'**. 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 5/25/99 Operations Engineer  
Approved: Bruce W. Bony 6.3.99 Drilling Superintendent

**Operations Engineer:** L. Tom Loveland

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