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**
1-149-IND-8473

6. **If Indian, All. or Tribe Name**
Navajo

7. **Unit Agreement Name**
Huerfanito Unit

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

RECEIVED
SEP 27 1999
OIL CON. DIV.
DIST. 3

8. **Well Name & Number**
Huerfanito Unit #82

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

9. **API Well No.**
30-045-12189

4. **Location of Well, Footage, Sec., T, R, M**
1550'FSL, 990'FWL, Sec.25, T-27-N, R-9-W, NMPM

10. **Field and Pool**
Blanco MV/Basin DK

11. **County and State**
San Juan Co, NM

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

| 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 in the subject well according to the attached procedure.

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

Signed Peggy Cole Title Regulatory Administrator Date 9/13/99
trc

(This space for Federal or State Office use)
APPROVED BY WAYNE TOWNSEND Title A. T. L. Date 9-23-99
CONDITION OF APPROVAL, if any:

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

NMOCD

# Huerfanito Unit #82

**Blanco Mesaverde/Basin Dakota**
**Unit L, Sec. 25, T-27-N, R-9-W**
**Latitude / Longitude: 36°32.57' / 107°44.70'**
**Recommended Tubing Repair Procedure 9/9/99**

**Project Justification:** A pumping unit was installed in September 1998, and although the results of the installation are very good, the frequency of downhole problems is alarming. In January 1999, the downhole pump was pulled and replaced, and holes were discovered in the tubing in April 1999. After the April 1999 tubing repair, steady production resumed until late July 1999, when production abruptly fell approximately 250 MCF/D. The lease operator strongly suspects another tubing leak caused by rod wear and the age of the tubing (originally installed in 1965). Replacing the existing tubing string with a new string and installing rod guides will restore production to prior levels and greatly reduce the frequency of future downhole problems.

**NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 11'.**

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). Hot-oil the rods if necessary. TOOH with pony rods, 267 ¾" rods, and 2" x 1-1/4" x 9' x 13' RHAC pump. Visually inspect the rods and pump and notify Operations Engineer and Drilling Superintendent of their condition.

3. 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.

4. 2-3/8", 4.6#, 10 rd tubing set at **6726'** (214 jts). Broach tubing and set tubing plug in nipple at **6690'**. 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 +/- **6770'**. TOOH and LD 2-3/8" tubing. Visually inspect tubing for corrosion and scale while laying down, and notify Operations Engineer and Drilling Superintendent if it is present.

5. PU 4-3/4" bit and bit sub on new 2-3/8", 4.7#, J-55 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 to determine when sand cleanup is sufficient. Also discuss, if necessary, the best way to remove scale from the casing and perforations. LD bit and bit sub.

6. Rabbit all tubing prior to TIH. TIH with purge valve, one joint of 2-3/8, 4.7#, J-55" tubing, 4' perforated sub, in-line check, seating nipple, and then remaining 2-3/8", 4.7# tubing. Replace any bad joints.

7. Land tubing at **6726'**. Pump off in-line check valve. ND BOP and NU WH.

8. **NOTE: If excessive fill was encountered, discuss running a 1" x 8' sand screen on the end of the pump with the Operations Engineer. Also discuss the placement of rod guides.** PU and TIH with 2" x 1-1/4" x 9' x 13' RHAC pump and ¾" Grade D rods with molded rod guides (placed to cover the intervals specified by the Operations Engineer). Test pump action and hang rods on pumping unit. RD and MOL. Return well to production.

Recommended: L. Tom Loveland 9/9/99 Operations Engineer

Approved: Bruce D. Boyer 9-10-99 Drilling Superintendent


**Operations Engineer:** L. Tom Loveland

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