

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## Sundry Notices and Reports on Wells

99 JAN -6 PM 12:14

070 FARMINGTON, NM

1. Type of Well  
GAS

5. Lease Number  
SF-078518-A  
6. If Indian, All. or  
Tribe Name

2. Name of Operator

7. Unit Agreement Name  
Huerfano Unit

**BURLINGTON  
RESOURCES**

OIL &amp; GAS COMPANY

3. Address & Phone No. of Operator

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

8. Well Name & Number  
Huerfano Unit #137

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

1657' FSL 1600' FEL, Sec. 31, T-26-N, R-9-W, NMPM

9. API Well No.  
30-945-13030

10. Field and Pool  
Basin Dakota

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

☒ 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 -

## 13. Describe Proposed or Completed Operations

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

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

Signed [Signature] (KLM1) Title Regulatory Administrator Date 1/5/99  
TLW

(This space for Federal or State Office use)

APPROVED BY /S/ Duane W. Spencer Title Team Lead, Petroleum Management

FEB 18 1999

CONDITION OF APPROVAL, if any:

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.


**Huerfano Unit #137**  
**Dakota**  
**1657' FSL and 1600' FEL**  
**Unit J, Section 31, T26N, R09W**  
**Latitude / Longitude: 36° 26.5174' / 107° 49.5374'**  
**AID: 5066301**  
**Tubing Repair Procedure**

**Project Summary:** The Huerfano Unit #137 was drilled in 1962. The lease operator could not get the plunger stop down. This well has three cement retainers and 5 joints of tubing as fish in the hole. These retainers were set in 1971 due to the perception at that time that casing failures would develop in the future. The wellfile clearly indicates that the cement retainers were not set in response to a known casing failure in 1971. We propose to pull the tubing, clean out the fish, replace any worn or scaled tubing and add a plunger lift. We will also check the casing for any leaks and squeeze as necessary.

1. Hold safety meeting. Comply with all NMOCD, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. Notify **BROG Regulatory (Peggy Bradfield 326-9727)** and the appropriate Regulatory Agency prior to pumping any cement job. If an unplanned cement job is required, approval is required before the job can be pumped. If verbal approval is obtained, document approval in DIMS/WIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement job.
2. MOL and RU workover rig. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water if necessary. NU BOP with stripping head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.
3. The Dakota tubing is 2-3/8", 4.7#, J-55 set at 6443' in a Halliburton EZ Drill cement retainer. Attempt to sting out of retainer at 6443' and POOH with tubing.
  - A. If unsuccessful at pulling out of the retainer, then free-point the tubing and cut just above the retainer (assuming stuck point is 6443') and POOH. RIH with a mill shoe and wash pipe to wash over the retainer at 6443'. POOH with the wash pipe and RIH with an overshot (for the tubing stub) and jars to recover the upper retainer. Then RIH with a metal muncher mill to mill out the second retainer and expose the tail-pipe below the second retainer.
  - B. If successful at pulling out of the first retainer then TIH with a metal muncher mill and mill out both the first and second cement retainers to expose the tail-pipe below the second retainer, POOH.
4. TIH with an overshot and jars for 2-3/8" tubing and jar out the five joints (plus 2' perf sub) of tailpipe that was below the second retainer. Wash over this pipe if necessary and recover with an overshot. RIH with metal muncher mill and mill out or push down the bottom retainer to below the bottom perforation (6699'), POOH.
5. RIH with RPB and packer and set RBP at approximately 6480'. Test RBP to 500 psi. Load and test casing to 500 psi. If casing fails then spot sand on RBP and isolate holes with packer and establish a pump-in rate and pressure. Contact Operations Engineer and Drilling Superintendent for squeeze design and squeeze according to recommendation. Drill out, test to 500 psi and re-squeeze if necessary. Circulate sand off of RBP, release RBP and POOH.

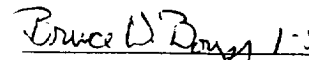
6. TIH with one joint of 2-3/8" tubing with an expendable check on bottom and a seating nipple one joint off bottom. Run a broach on sandline to insure that the tubing is clear. Land tubing at approximately 6610'. ND BOP and NU WH. Pump off expendable check. Connect to casing and circulate air to assure that expendable check has pumped off. If well will not flow on it's own, make swab run to SN. RD and MOL. Return well to production.
7. Production operations will install the plunger lift.

Recommended:

 1/5/99  
Operations Engineer

Kevin Midkiff  
Office - 326-9807  
Pager - 564-1653

Approved:

 1-5-99  
Drilling Superintendent

KLM/jms