

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

1650' FNL, 1840' FWL, Sec. 9, T-26-N, R-10-W, NMPM

5. Lease Number  
NM-0433

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

Huerfano Unit

8. Well Name & Number  
Huerfano Unit #71

9. API Well No.  
30-045-05955

10. Field and Pool  
West Kutz Pict. Cliffs

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 - Tubing repair

13. Describe Proposed or Completed Operations

It is intended to repair the tubing in the subject well according to the attached procedure and wellbore diagram.

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

Signed *Duane W. Spencer* (KM1) Title Regulatory Administrator Date 9/12/97

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. Spencer Title \_\_\_\_\_

Date SEP 17 1997

CONDITION OF APPROVAL, if any:

NMOC

## Tubing Repair Procedure

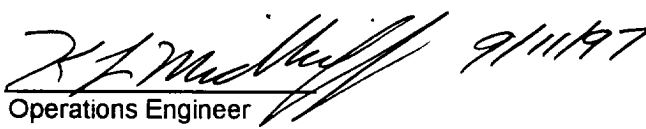
9-5-97

Huerfano Unit No. 71  
DPNO 51074A  
Kutz Pictured Cliffs West Field  
1650' FNL & 1840' FWL, Section 9, T-26-N, R-10-W  
San Juan County, NM

**Project Summary:** The Huerfano Unit No. 71 is a Pictured Cliffs producer drilled in 1956. This well was producing approximately 190 MCFD in mid-1995 when the well developed either 1) a hole in (or parted) tubing, 2) a casing failure or 3) both. In June of 1997 the lease operator attempted to blow down the tubing and found that the tubing and casing pressure dropped together. This would indicate a shallow hole or part in the tubing. However, the production curve leads us to think there may be a casing failure also. There are 1.4 BCF of remaining reserves associated with this well.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Burlington regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with 2% KCl water as necessary. ND wellhead and NU BOP.
3. POOH with 1-1/4" tubing string (note: 21' joint lengths). Visually inspect the tubing and if it is corroded or scaled up then lay down this string and pick up a new string of 1-1/4" 2.33# IJ or EUE J-55 tubing (either EUE or IJ is acceptable depending on availability from the BR yard). It is likely that the old tubing will require fishing. If fishing is required, utilize either a 2-3/8" or 2-7/8" workstring instead of the 1-1/4" tubing. Using a 2-7/8" workstring would allow us to use it as washpipe over the 1-1/4" production tubing if necessary.
4. RIH with a bit and casing scraper (or mill) and clean out to PBTD with air. POOH and RIH with RBP and packer. Set RBP at 2150' and test casing to 500 psi.
5. If a casing leak is found then isolate the holes with the packer and establish a pump-in rate and pressure. POOH and dump 2 sxs of sand on top of the RBP. Notify the Operations Engineer to obtain a squeeze procedure. Squeeze the casing leak according to the prescribed procedure. WOC and drill out cement. Test casing to 500 psi and resqueeze as necessary.
6. RIH with retrieving head, swab well down, release RBP and POOH. RIH with expendable check 1 joint, SN and 1-1/4" production tubing. 1-1/4" tubing is used so this well will maintain minimum lift velocities to lift fluids. Hang off at approximately 2205' (try to space out close to bottom perf).
7. ND BOP, NU WH. Blow well in. RDMO PU. Turn well to production.

Recommended:

 9/11/97  
Operations Engineer

Approval:

\_\_\_\_\_  
Drilling Superintendent

# Huerfano Unit No. 71

Spud: 11/19/56  
1st Delivered : 2/18/57  
Elevation: 6647' GL, 6656' DF  
Workovers: NONE

Note: 6/10/97 - Blew down tbg for 7 min. Tbg & Csg pressures fell together indicating a hole in the tubing (probably shallow).

Current -- 9/4/97

DPNC: 51074A

Pictured Cliffs

1650' FNL, 1840' FWL

Unit F, Sec. 9, T26N, R10W, SJC, NM

Lat/Long: 36°30.32", -107°54.21"

