

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**

3. Address & Phone No. of Operator

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

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

890' FNL, 1535' FWL, Sec. 12, T-25-N, R-10-W, NMPM

5. Lease Number

SF-078020

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Huerfano Unit #152

9. API Well No.

30-045-11765

10. Field and Pool

Basin Dakota

11. County and State

Co., NM

San Juan Co., NM

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

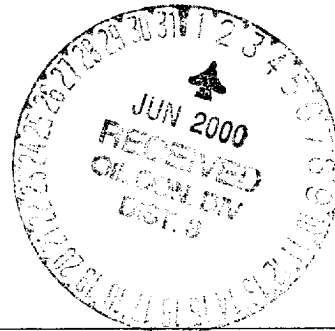
Type of Submission

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 & Squeeze

13. Describe Proposed or Completed Operations

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



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

Signed

*Shirley Cole*Title Regulatory SupervisorDate 4/25/00

(This space for Federal or State Office use)

APPROVED BY

Title

Date

5/31/00

CONDITION OF APPROVAL, if any:

Huerfano Unit #152
Basin Dakota
Unit C, Sec. 12, T-25-N, R-10-W
Latitude / Longitude: 36° 25.21638' / 107° 51.0837'
Recommended Tubing Repair Procedure 3/22/00

Project Justification: The Huerfano Unit #152 was completed in 1966 in the Dakota formation. In 1972, the tubing was found stuck in the hole, and it was chemically cut and successfully fished. While cleaning out, the well began making drilling mud and water. A Howco E-Z Drill Retainer was set at 6707' with 2-3/8" tubing was stung into it with 18,000# compression. The beginning of March 2000, the Lease Operator suddenly lost production of this well. Wireline was ran 3/18/00 showing sand in the tubing at 6690'. This workover will check for casing failure, remove the retainer, and cleanout the wellbore. Facilities also will be installed on the location. Currently, the well is not producing. It is expected to return the well to 125 MCF/D with the workover.

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. Howco E-Z Drill Retainer set at 6707' with 18,000# compression. Pressure test retainer and casing to 500 psig. Report test findings to Operations Engineer.
4. Release donut and sting out of retainer (straight pull) with the 2-3/8", 4.7#, J-55 Dakota tubing. TOO H 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 if it is present.
5. RT with 3-7/8" bit and bit sub on 2-3/8" tubing drilling out retainer and cleaning out to PBTD with air/mist. **NOTE: When using air/mist, minimum mist rate is 12 bph.** If scale is present, contact Operations Engineer to determine methodology for removing scale from casing and perforations.

If the casing did not hold pressure in Step 3, then;

1. PU & TIH w/ 4-1/2" RBP and 4-1/2" retrievable packer on 2-3/8" tubing. Set RBP at 6714' (50' above top perforation). Pressure test RBP and casing to 500 psig. If casing holds pressure, go to Step 6 to land tubing.
2. If the casing does not hold pressure, isolate casing leak and contact Operations Engineer for squeeze procedure. After the cement squeeze, TOO H w/ packer and WOC.
3. TIH w/ 3-7/8" bit on 2-3/8" tubing to DO cement & pressure test. Re-squeeze as necessary.
4. Retrieve RBP.

Once casing integrity is established;

6. TIH with expendable check, seating nipple, and then 1/2 of the 2-3/8" production tubing. Run a broach on sandline to ensure that the tubing is clear. TIH with remaining 2-3/8" tubing. Replace any bad joints. CO to PBTD with air/mist.
7. PU above the top Dakota perforation at 6764' and flow the well naturally, making short trips for clean-up when necessary.
8. Land tubing at 6775'. 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: _____
Operations Engineer

Approved: Bruce D. Boyer 4-22-00
Drilling Superintendent

Operations Engineer: Joe Michetti Office: 326-9764
Pager: 564-7187

Sundry Required: YES/NO

Approved: Gregory Cole 4-24-00
Regulatory Approval