

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

800'FSL, 1740'FEL, Sec.12, T-26-N, R-10-W, NMPM

5. Lease Number  
SF-077935

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name  
Huerfano Unit

8. Well-Name & Number  
Huerfano Unit #185

9. API Well No.  
30-045-20394

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

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

Type of Action

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☒ Casing Repair  
☐ Altering Casing  
☐ Other -  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut off  
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

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

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

Signed *Regina Cole* Title Regulatory Supervisor Date 9/18/00  
TLW

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date 11/2/00

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.

MAOCD

Huerfano Unit #185  
Basin Dakota  
AIN: 5179201  
1800' FSL, 1740' FEL  
Unit O, Sec. 12, T-26-N, R-10-W  
Latitude: 36° 29.8674', Longitude: 107° 50.634'

CASING REPAIR PROCEDURE 9/12/00

**Summary/Recommendation:**

The Huerfano Unit #185 was drilled in 1969 and completed in the Dakota formation. In 1974, the tubing was pulled and then re-ran with a packer set at 6581' to correct a casing failure. The well has been shut-in since early 1999. It is currently on the BLM Demand list to return to production or plug and abandon. This workover will repair the casing, cleanout the wellbore, and upgrade surface facilities. Anticipated uplift is 75 MCF/D.

**Tubing Repair Procedure:**

1. Hold safety meeting. Comply with all NMOC, BLM and Burlington safety and environmental regulations. Test rig anchors and build blow pit prior to moving in rig. Notify **BROG Regulatory (Peggy Cole 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. 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. Hold safety meetings daily. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water if necessary. ND WH and 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 tubing is set at 6773' (6 joints of tail pipe below the packer; Baker expendable shoe & SN on btm). Guiberson Mark 6 packer with Baker on/off tool set @ 6581' with 12,000# compression. To release out of packer with Baker on/off tool apply one quarter turn right-hand rotation of the tubing at the packer and pick up. TOOH and stand back 2-3/8" tubing and LD packer and assembly. Visually inspect tubing for corrosion and replace any bad joints.
4. TIH with 3-7/8" bit and bit sub on 2-3/8" tubing and round trip to PBTD (6825'), cleaning out 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 perforations and casing.
5. PU & TIH w/ 4-1/2" CIBP and 4-1/2" retrievable packer on 2-3/8" tubing. Set CIBP at 6592' (50' above top perf). Pressure test CIBP and casing to 600 psig. If casing holds pressure, go to Step 7 to DO CIBP & clean out to PBTD. If the casing does not hold pressure, isolate casing leak with 4-1/2" packer and contact Operations Engineer for squeeze procedure.
6. TIH w/ 3-7/8" bit on 2-3/8" tubing to DO cement & pressure test. Re-squeeze as necessary.
7. DO CIBP and clean-out to PBTD with air/mist. TOOH and LD bit.
8. TIH with an expendable check on bottom and then a seating nipple, 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 and then broach this tubing. Replace any bad joints. CO to PBTD with air/mist. PU above the perforations at 6648' and flow the well naturally, making short trips for clean up when necessary.
9. Land tubing at ±6758'. ND BOP and NU WH. Pump off expendable check. Connect to casing and circulate air to assure that expendable check has pumped off. Obtain pitot gauge up the tubing. If well will not flow up the tubing, make swab run to SN. RD and MOL. Return well to production.

Recommended:

*Mike Michetti for JAM*  
Operations Engineer

Approved:

*Bruce D. Bong* 9-14-00  
Drilling Superintendent

Operations Engineer:

Joe Michetti  
BR Office - 326-9764  
Pager - 564-7187

Sundry Required: ☒ YES ☐ NO

Approved:

*Peggy Cole* 9-15-00  
(Regulatory Approval)

JM/plh