

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

1850' FNL 1580' FEL, Sec. 4, T-29-N, R-10-W, NMPM

5. Lease Number

NM-03561

6. If Indian, All. or
Tribe Name

Unit Agreement Name

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AUG 3 1998

OIL CON. DIV.
DIST. 3

7. Well Name & Number

Grenier B #4

9. API Well No.

30-045-08772

10. Field and Pool

Mesaverde/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 casing on the subject well according to the attached procedure.

070 JUL 29 PM 1:09
03 JUL 29 PM 1:09

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

Signed [Signature] (KLM5) Title Regulatory Administrator Date 7/29/98

TLW

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. Spencer Title _____

Date JUL 30 1998

CONDITION OF APPROVAL, if any:

NMOC

Grenier B #4
Mesa Verde/Dakota
1850' FNL & 1580' FEL
Unit G, Section 04, T29N, R10W
Latitude / Longitude: 36° 45.3790' / 107° 53.1464'
DPNO: 25669 (MV) & 25663 (DK)
Casing Repair Procedure

Project Summary: The Grenier B #4 was drilled in 1962 as a Dakota well. In 1973 the Mesa Verde formation was drilled. The Menefee payadd was completed in 1996. A workover to frac the upper and lower Dakota and commingle the well was completed in 1997. Finally, a CIBP was set at 6890' to cover the lower Dakota in April, 1997. A wireline report dated 7/24/98 found drilling mud in the hole at 5980' and a water fluid level at 5020', which indicates a casing failure. Currently there is one plunger stuck in the tubing. We propose to pull the tubing, check for fill, remove the obstruction, and replace any worn or scaled tubing.

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 MV/DK tubing is 2-3/8", 4.7#, J-55 EUE set at 6785' with an "F" nipple set at 6752'. Release donut, pick up additional joints of tubing and tag bottom (record depth.) PBTD should be at +/- 6890'. TOO H with tubing. Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer. **NOTE: There is one plunger stuck in the tubing.**
4. TIH with 3-7/8" bit and a watermelon mill on 2-3/8" tubing to below perforations, cleaning out with air/mist. TOO H with tubing. **NOTE: When using air/mist, minimum mist rate is 12 bph.**
5. RIH with RBP and packer to 4070'. Set RBP; set packer and test RBP to 500 psi. Isolate the casing leak with the packer and establish a pump-in rate and pressure. If the casing leak is not above the Mesa Verde, then repeat this procedure with the RBP set above the Dakota at 6750'. Notify Operations Engineer for a squeeze procedure. **PRESSURE TEST DV TOOL @ 4888'**
AS NECESSARY BASED ON RESULTS OF ABOVE TESTING.

6. Spot sand on RBP and squeeze according to design. Drill out and pressure test casing to 500 psi; re-squeeze as necessary. Circulate sand off of RBP, release RBP and POOH.
7. 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. Blow well on bottom to dry up. Land tubing at approximately 6785'. 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.

Recommended: *K. Midkiff* 7/27/98
Operations Engineer

Approved: *R. C. 7/29/98*
Drilling Superintendent

Kevin Midkiff
Office - 599-9807
Pager - 564-1653

KLM/jms