

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

1626' FSL, 1750' FWL, Sec. 22, T-29-N, R-9-W, NMPM

5. Lease Number
NMNM-03999

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Grambling #6

9. API Well No.
30-045-20460

10. Field and Pool
Blanco 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 - Bradenhead repair

13. Describe Proposed or Completed Operations

It is intended to repair the bradenhead of the subject well according to the attached procedure.

CTPO223251

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

Signed *Regina Cole* (JPM3) Title Regulatory Supervisor Date 10/7/02

(This space for Federal or State Office use)

APPROVED BY *Regina Cole* Title _____ Date _____

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

Grambling #6

Pictured Cliffs

1626' FSL & 1750' FWL

Unit K, Sec. 22, T29N, R09W

Latitude / Longitude: 36° 42.48' / 107° 46.1'

San Juan County, New Mexico

AIN: 5226301

9/09/2002 Bradenhead Repair Procedure

Summary/Recommendation:

The Grambling #6 was originally drilled in 1969 and was completed as a Pictured Cliffs producer. In 11/99, the well was re-stimulated. A bradenhead test performed 07/22/2002 showed flow from the bradenhead. The Aztec NMOC office has demanded remedial action be completed as soon as possible. The Operations Engineer recommends cleaning out the well and evaluating the economic feasibility of proceeding with the bradenhead repair.

1. Comply with all BLM, and BROG regulations. Conduct daily safety meetings for all personnel on location. **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 the 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 Sanjel coil tubing unit. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCl water if necessary. NU BOP with injector head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary.
3. TIH with 1-1/4" coil tubing with wash tip and tag bottom (record depth). Clean out with air/mist to PBTD @ $\pm 2284'$. **Note: PC perms 2145-2164'.** PU above the perforations and flow the well naturally, making short trips for clean up when necessary. TOOH with tubing. **NOTE: When using air/mist, minimum mist rate is 12 bph.**
4. ND BOP and NU WH. Obtain pitot gauge. If well will not flow on its own, make swab run to TD. **During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production.** RD and MOL. Return well to production for testing.
5. Contact drilling manager and operations engineer on whether to proceed with step 6 after testing well.
6. MIRU wireline unit. Obtain and record all wellhead pressures. Blow well and kill with 2% KCl water if necessary. MU and RIH with 2-7/8" composite plug and set at 2095' (top perf is @ 2145'). POOH. Fill casing with 2% KCl water. Run GR-CBL to 200' above TOC'. Send log into office for evaluation. Pressure test casing to 500 psi. Bleed off pressure. Contact Drilling Manager and Operations Engineer for squeeze design upon completion of pressure test. **Note: TOC at 1180' per 1969 temperature survey.**
7. Follow squeeze procedure as recommended from step 7. RD wireline unit. MIRU cementing company. NU relief line. Establish rate into perforations with bradenhead valve open. (Max pressure 1000 psig). Mix and pump cement. Close bradenhead valve and squeeze cement into perforations. POOH. RDMO cementing company. WOC 12 hours.

8. MIRU coiled tubing unit. NU BOP with injector head. Test and record operation of BOP rams. Have wellhead and valves serviced as necessary. Test secondary seal and replace/install as necessary. MU and RIH with mill and motor. Drill out cement. Pressure test casing to 500 psig. Test bradenhead valve for flow. Re-squeeze as necessary to hold pressure, or to stop bradenhead flow.
9. RIH to composite plug and drill out plug. Make clean run to PBTD at 2284'. POOH. RDMO coiled tubing unit.
10. ND BOP and NU WH. Obtain final pitot gauge. **If well will not flow on its own, make swab run to PBTD at 2284'.** During cleanout operations the reservoir may be charged with air. As a result of excess oxygen levels that may be in the reservoir and/or wellbore, contact the Lease Operator to discuss the need for determining oxygen levels prior to returning the well to production. MOL. Return well to production.

Recommended: *J. Paul McWilliams* 10/4/02 Approved: *Bruce D. Boyer* 10-4-02
Operations Engineer Drilling Superintendent

Jay Paul McWilliams: Office: 324-6146
Cell: 320-2586

Sundry Required:

☒ YES ☐ NO

Approved:

Peggy Cale 10-4-02
Regulatory

Production Foreman	Darren Randall	320-2618 (Cell)	324-7335 (Pager)
Specialist:	Jim Work	320-2447 (Cell)	324-7721 (Pager)
Lease Operator:	Toby Hill	320-0290 (Cell)	327-8825 (Pager)

JPM/plh