

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

1090' FSL, 1090' FWL, Sec. 17, T-24-N, R-6-W, NMPM

5. Lease Number
NMSF-078886

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Canyon Largo U NP #89

9. API Well No.
30-039-05441

10. Field and Pool
Devils Fork Gallup/
Basin Dakota

11. County and State
Rio Arriba 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 - Packer repair

☐ 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 packer in the subject well according to the attached procedure.

CTPO223248



2002 NOV 12 AM 11:59
070 Farmington, NM

RECEIVED

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

Signed [Signature] (JPM3) Title Regulatory Supervisor Date 11/6/02
no

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

NMOCD

Canyon Largo Unit NP #89
Gallup / Dakota
1090' FSL & 1090' FWL
Unit M, Sec. 17, T24N, R06W
Latitude / Longitude: 36° 18.51' / -107° 29.76'
AIN: 5290901 GL / 5290902 DK
09/24/02 Packer Repair Procedure

Summary/Recommendation:

The Canyon Largo Unit NP #89 was originally drilled in 1960 and was completed as a Gallup / Dakota dual producer. A packer leakage test performed 08/12/2002 showed communication between the producible zones. The Aztec NMOC office has demanded remedial action be completed by 10/20/2002. The Operations Engineer recommends the faulty packer be removed and replaced.

NOTE: ALL DEPTHS ARE MEASURED FROM KB. KB to GL was 12'.

1. 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/WIMS. Allow as much time as possible prior to pump time in case the Agency decides to witness the cement.
2. Broach tbg and set tbg plug in choked nipple at 6308' on the Dakota string. To ensure the tbg plug is held in place, fill tbg with half of volume with 2% KCL 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. 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. Pick up 2-3/8" Gallup tubing and RIH to the top of the Model "D" packer (at 5574') and check for fill. TOO H w/ 2-3/8" tubing and LD SN, perforated nipple, and bull plug. If fill is encountered, TIH w/ 2-3/8" tubing and circulate any fill off packer. TOO H and stand back 2-3/8", 4.7#, J-55 GL tubing (set at 5503').
4. Release seal assembly from the Model D Packer with straight pickup (no rotation required). If seal assembly will not come free, then cut 2-3/8" tubing above the packer and fish with overshot and jars. TOO H and stand back 2-3/8", 4.7#, J-55 Dakota tubing set at 6343' (N-80 turned down collars from 5572'-6343'). LD seal assembly. Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale build up and notify Operations Engineer and Drilling Manager.
5. PU and TIH with Model CK packer retrieval spear (PRS, with holes drilled near rotary shoe), rotary shoe, drain sub, top bushing, bumper sub, jars, and 4-6 drill collars on 2-3/8", 4.7#, J-55 tubing. Mill out Model D packer at 5574' with air/mist. **Note: when using air/mist, the minimum mist rate is 12 bph.** After milling over the packer slips, POOH with tools and packer body.
6. TIH with 4-3/4" bit and watermelon mill on 2-3/8" tubing. Cleanout to PBTD at +/- 6589' with air/mist. **NOTE: When using air/mist, minimum mist rate is 12 bph.** If scale is present, contact Operations Engineer and Drilling Manager to determine methodology for removing scale from casing and perforations. TOO H w/ tubing.
7. Set Model "D" packer with wireline at 5565'. TIH with an expendable check on bottom, seating nipple, one joint 2-3/8" (turned down collars, per Baker Tools recommendation) Dakota tubing, 2' x 2-3/8" pup joint, 800' of the 2-3/8" (turned down collars) Dakota tubing, seal assembly, then 1/2 of the 2-3/8" 4.70 J-55 Dakota tubing. Run a broach on sandline to ensure the tubing is clear. TIH with remaining 2-3/8" tubing, land seal assembly in Model "D" packer set at 5565', and then broach this tubing. Replace bad joints as necessary.
8. TIH with an expendable check on bottom, seating nipple, one joint 2-3/8" 4.70 J-55 Gallup tubing, 2' x 2-3/8" pup joint, then 1/2 of the 2-3/8" Gallup tubing. Run a broach on sandline to ensure the tubing is clear. TIH with remaining

Area 3

2-3/8" tubing, and then broach this tubing. Replace bad joints as necessary. Land Gallup tubing at approximately 5492'.

9. ND BOP and NU WH. Pump off expendable checks on both strings. Obtain final pitot gauge up the tubing on both strings. If well will not flow on its own, make swab run to seating nipple. Shut in Dakota and flow Gallup with compressor on for one hour. Monitor pressure on both sides to insure no communication between zones. If no communication exists, turn on Dakota. If communication exists contact Drilling Manager and Operations Engineer for repair procedure. **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.**

Recommended: Jay Paul McWilliams 10/3/02 Approved: Bruce W. Boyer 11-5-02
Operations Engineer Drilling Manager

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

Sundry Required: YES NO

Approved: Reggie Cole 11-6-02
Regulatory

Lease Operator: Bob Denny
Specialist: Jim Work
Foreman: Darren Randall

Cell: 320-1544 Pager: 326-8778
Cell: 320-2447 Pager: 324-7721
Cell: 320-2618 Pager: 324-7335