

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

1550' FNL, 800' FEL, Sec. 27, T-29-N, R-7-W, NMPM

5. Lease Number
NMSF-078424

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

San Juan 29-7 Unit

8. Well Name & Number
San Juan 29-7 U #53

9. API Well No.
30-039-07544

10. Field and Pool
Blanco Mesaverde

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 - Bradenhead 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 bradenhead of the subject well according to the attached procedure.

CTPO223256085

RECEIVED
2002 OCT - 1 AM 11:50
070 FARMINGTON, NM

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

Signed Jim Lovato (MR7) Title Regulatory Supervisor Date 10/1/02
no

(This space for Federal or State Office use)

APPROVED BY /s/ Jim Lovato Title _____ Date OCT - 7
CONDITION OF APPROVAL, if any:

San Juan 29-7 Unit #53

Mesaverde

1550' FNL 800' FEL

Unit H, Sec. 27, T29N, R07W

Latitude / Longitude: 36° 41.982' / -107° 33.132'

Rio Arriba County, New Mexico

AIN: 6965001

9/26/2002 Bradenhead Repair Procedure

Summary/Recommendation:

The San Juan 29-7 Unit #53 was drilled and completed as a Mesaverde producer in 1956. The Lewis was added in 1996 and cement (100 sks) was squeezed into holes shot at 3475'. This well has failed the 2002 Bradenhead Test and the NMOCD office has demanded remedial action be completed as soon as possible. At the onset of the test there was 4 psi on the bradenhead, 240 psi on the intermediate, and 176 psi on the casing. The bradenhead blew down to nothing in 10 seconds and the intermediate flowed gas and water for 10 minutes before blowing down to nothing. After being shut-in 15 minutes the intermediate built up to 29 psi and the bradenhead stayed at zero. The tubing was last pulled in 1998 for testing. It is recommended to set a CIBP over the Lewis perforations, identify the cause of intermediate/bradenhead pressure, remediate and place well back on production.

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 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 2-3/8", 4.7#, J-55 tubing is set at 5486'. Release donut; pick up additional joints of tubing and tag bottom (record depth.) PBSD should be at +/- 5510'. TOOH with tubing. Visually inspect tubing for corrosion and replace any bad joints. Check tubing for scale and notify Operations Engineer.
4. TIH with 5-1/2" CIBP and set at 3425' (50' above squeeze holes). Load hole with 2% KCl water. Run GR-CBL to determine TOC (estimated TOC after the squeeze job in '96 is calculated at 2558'). Send log into office for evaluation.
5. ND BOP and B-section. NU BOP. Cut and recover 5-1/2", 15.5# casing above TOC. TOOH and LD 5-1/2" casing. Pressure test 7-5/8" casing to 500 psi. If pressure test fails, TIH with 7-5/8" packer and isolate leak. Call superintendent and operations engineer for squeeze procedure. If pressure test holds, proceed to Step 8.
6. Follow squeeze procedure as recommended from Step 5. TIH with 7-5/8" full bore packer and set 150' above holes. Pressure up tubing/casing annulus to 500 psi. Establish rate into holes with bradenhead valve open (max pressure 1000 psig). Mix and pump cement. Displace cement to packer. Close bradenhead valve and squeeze cement into holes. Maintain squeeze pressure and WOC 12 hours (overnight).
7. TOOH and LD packer. TIH with 6-3/4" mill and bit and 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. Clean out to top of 5-1/2" casing. TOOH and LD mill and bit.
8. TIH with 4-3/4" mill and bit on 2-3/8" tubing. Mill out CIBP with air/mist and chase plug to bottom. Cleanout to PBSD (at 5510') with air/mist. **NOTE: When using air/mist, minimum mist rate is 12 bph. Try to maintain air rate at 1,400 cfm.** TOOH and LD mill and bit.
9. TIH with an expendable check on bottom, seating nipple, one joint 2 3/8", one 2' x 2-3/8" pup, then 1/2 of the remaining tubing. Run a broach on sandline to ensure the tubing is clear. TIH w/ remaining tubing and then broach this tubing. Replace bad joints as necessary. Alternate blow and flow periods to check water and sand production rates.

10. Land tubing at approximately 5487'. 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. **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: Matt Roberts 9/24/02 Approved: Bruce W. Dungs 10-1-02
Operations Engineer Drilling Manager

Matt Roberts: Office: 599-4098
Cell: 320-2739

Sundry Required:

☒ YES ☐ NO

Approved:

Reggie Cole 10-1-02
Regulatory

Production Foreman	Bruce Voiles	320-2448 (Cell)	327-8937 (Pager)
Specialist	Gabe Archibeque	320-2478 (Cell)	326-8256 (Pager)
Lease Operator	Matt Crane	320-1400 (Cell)	327-8369 (Pager)

MBR/slm

SAN JUAN 29-7 UNIT 53

WellView - Schematic

Asset ID Number 6965000	Property Number 002342100	Operator BURLINGTON RESOURCES O&G CO LP	County RIO ARRIBA	State NM
KB Elev (ft) 6384.00	Ground Elev (ft) 6374.00	KB-Ground Distance (ft) 10.00	Plug Back 5,510.0	Total Depth (ftKB)
Spud Date 8/12/56	Surface Legal Location Sect: 027, Twp: 029N, Rg: 007W, Poly: H, NMPM	NS Dist. (ft) 800.0	NS Flag FEL	EW Dist. (ft) 1550.0
		EW Flag FNL	Latitude (DMS) 36° 41' 59.028" N	Longitude (DMS) 107° 33' 8.1" W

Schematic

