

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, 990' FWL, Sec. 11, T-28-N, R-6-W, NMPM

5. Lease Number  
NMNM-05493

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

San Juan 28-6 Unit

8. Well Name & Number

San Juan 28-6 U #56

9. API Well No.  
30-039-07455

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.

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

Signed  
no

*[Signature]*

(MW9) Title Regulatory Supervisor Date 4/8/02

(This space for Federal or State Office use)

APPROVED BY */s/ Jim Lovato*

Title

*Petro Eng*

Date APR 12

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.

**SAN JUAN 28-6 UNIT 56**  
Mesaverde  
1090' FSL & 990' FWL  
Unit M, Sec. 11, T28N, R06W  
Latitude / Longitude: 36° 40.29' / 107° 26.54'  
Rio Arriba County, New Mexico  
AIN: 4970001  
**4/4/2002 Bradenhead Repair Procedure**

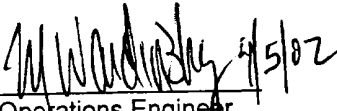
**Summary/Recommendation:**

SAN JUAN 28-6 UNIT 56 was drilled and completed as a Mesaverde producer in 1956. The original 2-3/8", 4.7# J-55 tubing string was landed @ 5,555' and has not been pulled since completion. The 3-month average production is 100 Mcf/d with cumulative production of 1991 MMcf. A bradenhead test performed 10/22/01 showed the intermediate casing had 453 psi; after flowing for 30 minutes it had 43 psi. The production casing remained at 208 psi during the test; the bradenhead flowed nothing during the test. A re-test of the intermediate casing and production casing on 3/6/02 had the same result. The Aztec NMOCD office has demanded remedial action be completed as soon as possible. Cement behind the production longstring is up into the intermediate casing by 201'. It is recommended to set a plug above the upper most Mesaverde perforation and remediate the 7-5/8" casing.

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. 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. TOOH with 2-3/8 4.7# J-55 and LD; inspect tbg and call office to notify Operations Engineer/Senior Rig Supervisor.
4. TOC between 5-1/2" 15.5# J-55 longstring and 7-5/8" 26.4# K-55 intermediate is 3,150' as determined by temp survey 7/15/1956 (the HUERFANITO BENTONITE is at 3,860')(7-5/8" shoe at 3,351'). RIH and set CIBP above upper most perf at 5,016'. Load hole and pressure test 5-1/2" production casing to 500psi for 30 min. Run CBL to verify temp survey.
5. Shoot two squeeze holes nearest 50' above 7-5/8" shoe at 3,351' or above TOC. Establish circulation out 5-1/2" by 7-5/8" intermediate annulus; close intermediate annulus, open Bradenhead, and establish circulation out bradenhead. Notify Operations Engineer/Senior Rig Supervisor of progress.
6. Prepare to squeeze intermediate annulus; 760cuft or 645sx CI B cement may be necessary to fill intermediate annulus and surface casing annulus (based on 100% excess). Squeeze intermediate casing annulus and circulate cement to surface, close intermediate annulus, open Bradenhead, and circulate cement out Bradenhead. Close Bradenhead and squeeze cement into formation behind 7-5/8" casing. WOC overnight.
7. TIH with 4-3/4" mill and dress off squeeze work. Pressure test squeeze to 500psi for 30min.
8. If pressure test holds continue to TIH down to CIBP at 5,016'. Drill up CIBP and continue to CO to PBTD (5,629') with air/mist **using a minimum mist rate of 12 bph.** If pressure test fails notify Operations Engineer/Senior Rig Supervisor and prepare for squeeze work.
9. TIH w/ 2-3/8" 4.7# J-55 EUE production string with an expendable check on bottom, seating nipple, one joint 2-3/8", 2' x 2-3/8" pup joint, then 1/2 of the 2-3/8" tubing. Run a broach on sandline to insure the tubing is clear. TIH with remaining 2-3/8" tubing and then broach this tubing. Replace bad joints as necessary.

10. Land tubing no lower than 5,536'. ND BOP and NU WH. Pump off expendable check. Obtain final pitot gauge up the tubing. Connect to casing and circulate air to assure that the expendable check has pumped off. **If well will not flow on its own, make swab run to seating nipple. 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:


  
Operations Engineer  
Mike Wardinsky

Approved:

  
Drilling Manager  
Bruce Boyer

Sundry Required: ~~YES~~ NO

Approved:

  
Regulatory  
Peggy Cole

Operations Engineer:	Mike Wardinsky	Office: 599-4045	Cell: 320-5113	
Lease Operator	Wilfred Jaramillo		Cell: 320-0385	Pager: 324-7303
Specialist:	Garry Nelson		Cell: 320-2565	Pager: 326-8597
Foreman:	Ken Johnson	Office: 326-9819	Cell: 320-2567	Pager: 324-7676

MHW/clc