

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

1750' FNL, 1650' FEL, Sec. 24, T-28-N, R-6-W, NMPM

5. Lease Number

NMNM-013656

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 #65

9. API Well No.

30-039-07375

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 [Signature] (MW8) Title Regulatory Supervisor Date 6/26/02

(This space for Federal or State Office use)

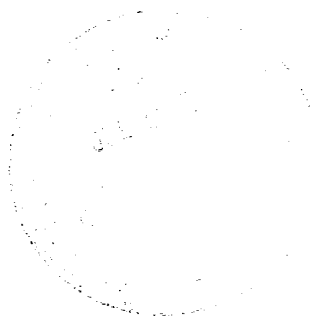
APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

RECEIVED

2002 JUN 26 PM 3:12

070 FARMINGTON, NM



**SAN JUAN 28-6 UNIT 65**

Mesaverde

1750' FNL &amp; 1650' FEL

Unit G, Sec. 24, T28N, R06W

Latitude / Longitude: 36° 38.952' / 107° 24.91'

Rio Arriba County, New Mexico

AIN: 4999501

**6/14/2002 Bradenhead Repair Procedure****Summary/Recommendation:**

SAN JUAN 28-6 UNIT 65 was drilled and completed as a Mesaverde producer on 9/26/1956. This well has been worked over twice since original completion: a 9/98 and a 12/00 cleanout. The 3-month average production was 133 MCFD with cumulative production of 4.99 BCF. A bradenhead test performed 9/25/01 showed 150psi on the intermediate and casing strings. After flowing for 30 minutes the intermediate and casing strings both bled down to 50psi; after a 5min build-up both strings were 60psi. A re-test on 3/6/02 has similar results. Aztec NMOCD office has demanded remedial action be completed as soon as possible. It is recommended to set a plug over the Mesaverde formation to identify the cause of bradenhead pressure.

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. TOO H with 2-3/8" 4.7# J-55 EUE and stand back. PU CIBP and TIH; set CIBP 50' above upper most perf at 5,058'. Load hole and pressure test 5-1/2" casing and CIBP 500psi for 30 min – record leak-off if any. Run CBL from 5,058' to determine TOC between the 5-1/2" 14# J-55 longstring and 7-5/8" 24# H-5 intermediate casing. The HUERFANITO BENTONITE has been identified at 3,960'. Call Operations Engineer/Senior Rig Supervisor to report TOC results.
4. IF TOC IS ABOVE 7-5/8" SHOE (at 3,530') proceed to step #10.
5. IF TOC IS BELOW 7-5/8" SHOE: Shoot two squeeze holes in 5-1/2" casing at 3,960' OR NEAREST TO TOC. TIH with cement retainer and 2-3/8" workstring; set cement retainer 10' above squeeze holes. Sting into cement retainer; establish and record injection rate and pressures. Open and monitor intermediate casing annulus for circulation; if well permits establish circulation to surface prior to squeeze. Squeeze with CI B cement (Include 100% excess to 100' above 7-5/8" shoe -- 7-5/8" shoe at 3,530'). Sting out of cement retainer and TOO H. WOC overnight.
6. TOO H, PU 4-3/4" mill. TIH and tag cement retainer. Drill up cement retainer and dress off cement to CIBP. P-test 5-1/2" casing 500psi for 30 min. Record leak-off if any. TOO H.
7. Run CBL from 50' below squeeze holes to TOC; identify and record TOC. If the TOC is not 100' above the 7-5/8" shoe call Operations Engineer/Senior Rig Supervisor for contingency plan.
8. Load 5-1/2" casing with H<sub>2</sub>O. Load 7-5/8" by 5-1/2" annulus with H<sub>2</sub>O. Hold 500psi on 5-1/2" casing and p-test 7-5/8" by 5-1/2" annulus 500psi for 30min. Record leak-off if any.
9. If p-test fails, ND BOP and ND C-section. NU BOP on B-section. ~~Cut and~~ recover 5-1/2" casing above 7-5/8" shoe and above TOC. TOO H and LD 5-1/2" casing. TIH with packer to search for holes in 7-5/8" casing; begin by pressure testing 5-1/2" liner top. Isolate hole(s) in 7-5/8" casing and contact Operations Engineer/Senior Rig Supervisor. Prepare to squeeze holes with CI B cement.
10. If p-test holds, TIH w/ 2-3/8" workstring and 4-3/4" mill. Unload hole at 1,500' and again above CIBP. Mill CIBP with 12bph foam/mist. Chase plug to bottom, PBTD 5,738'. CO to PBTD with air/mist **using a minimum mist rate of 12 bph.**

11. 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.
12. Land tubing no lower than 5,634'. 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: Mike Wardinsky 6/20/02  
Operations Engineer  
Mike Wardinsky

Approved: Bruce D. Boyer 6-25-02  
Drilling Manager  
Bruce Boyer

Sundry Required: YES NO

Approved: Peggy Cole 6-26-02  
Regulatory  
Peggy Cole

Operations Engineer:	Mike Wardinsky	Office: 599-4045	Cell: 320-5113
Lease Operator	Brent Elledge		Cell: 320-2482 Pager: 326-8784
Specialist:	Garry Nelson		Cell: 320-2565 Pager: 326-8597
Foreman:	Ken Johnson	Office: 326-9819	Cell: 320-2567 Pager: 324-7676

MHW/clc

JUL 3 2002

MJ