

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

1150' FNL, 800' FWL, Sec.3, T-27-N, R-6-W, NMPM

5. Lease Number
NMSF-079051A

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 #98Y

9. API Well No.

30-039-20611

10. Field and Pool

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 - 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 Peggy Case Title Regulatory Supervisor Date 1/31/02
no

(This space for Federal or State Office use)

APPROVED BY 18/ Jim Lovato Title Petr. Eng Date 2/7/02

CONDITION OF APPROVAL, if any:

SAN JUAN 28-6 UNIT 98Y

Dakota Formation

1150' FNL & 800' FEL

Unit A, Sec. 03, T27N, R06W

Latitude / Longitude: 36° 36.43' / 107° 26.86'

Rio Arriba County, New Mexico

AIN: 4407001

1/24/2002 Bradenhead Repair Procedure

Summary/Recommendation:

SAN JUAN 28-6 UNIT 98Y was drilled and completed as a Dakota producer in 1973. The 1.9" tubing has not been pulled since the original completion. Cumulative production is 1486 MMcf. A bradenhead test performed 7/26/2001 showed that both the intermediate and longstring casing annuli had 796 psi; the two bled down equally during the test. The bradenhead flowed nothing during the test. The Aztec NMOC office has demanded remedial action be completed as soon as possible. It is recommended to squeeze the intermediate/longstring annulus to bring the TOC up into the 7" intermediate casing and pressure test the intermediate casing. No uplift is anticipated as a result of this workover.

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 1.9" 2.9# J-55 EUE and LD. TOC between 4-1/2" 10.5# K-55 longstring and 7" 20# K-55 intermediate is 3,840' as determined by temp survey 5/28/1973 (TOC 494' below 7" casing shoe)(7" shoe at 3,346'). The HUERFANITO BENTONITE has been identified at 3,630'. PU 2-3/8" workstring and TIH with CIBP and packer combination. Set CIBP at 3,860', ^{20'} below existing TOC behind 4-1/2" casing.
4. Load hole and use packer to test CIBP. Trip up hole and search for hole(s) in 4-1/2" casing. Call Operations Engineer/Senior Rig Supervisor for squeeze hole placement. CI B cement will be squeezed to 300' above the Huerfanito Bentonite and allow for a 100' overlap into the 7" casing using 100% excess cement. Utilize CIBP below squeeze holes and packer above holes to control squeeze.
5. After squeeze work TOOH with packer and TIH with 3-7/8" mill. Tag cement and dress off to CIBP. P-test 500psi for 30min. Record leak-off if any. TOOH.
6. Run CBL from CIBP to 3,860' or up to TOC. Identify and record TOC.
7. Load 4-1/2" casing with H2O. Load 7" by 4-1/2" annulus with H2O. Pressure test 7" by 4-1/2" annulus 500psi for 30min. Record leakoff if any.
8. If p-test fails, ND BOP and ND B-section. NU BOP. Cut and recover 4-1/2" casing above 7" shoe and above TOC. TOOH and LD 4-1/2" casing. TIH w/ RBP-packer combo to search for holes in 7" casing. Isolate hole(s) in 7" casing and contact operations engineer/senior rig supervisor. Prepare to squeeze holes.
9. If p-test holds, TIH with 2-3/8" workstring and 3-7/8" mill. Unload hole at 1,500' and again above CIBP. Mill CIBP with 12bph foam/mist. Chase plug to bottom, PBTD 7,545', and CO to PBTD with air/mist **using a minimum mist rate of 12 bph.**
10. 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.

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11. Land tubing no lower than 7,509'. 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: M Wardinsky 1/31/02 Approved: Bruce W. Dwyer 1-31-02
Operations Engineer Drilling Superintendent

Mike Wardinsky: Office: 599-4045
Cell: 320-5113
Pager: 327-8932

Sundry Required: YES NO
Approved: Regulatory 2-1-02
Regulatory

Production Foreman	Ken Johnson	326-9819 (Office)	324-7676 (Pager)
Specialist	Garry Nelson	320-2565 (Cell)	326-8597 (Pager)
Lease Operator	Mark McKnight	320-2649 (Cell)	326-8381(Pager)

MHW/clc

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MHW