

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

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
1180' FSL, 1150' FWL, Sec.2, T-27-N, R-6-W, NMPM, Rio Arriba County

API # (assigned by OCD)
30-039-20477

5. Lease Number

6. State Oil&Gas Lease #
E-290-28

7. Lease Name/Unit Name
San Juan 28-6 Unit

8. Well No.
169

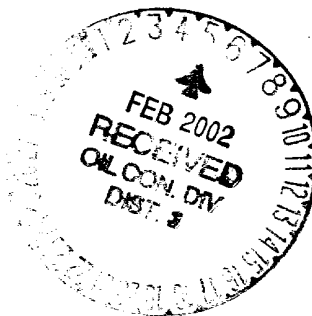
9. Pool Name or Wildcat
Blanco MV/Basin DK

10. Elevation:

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - Bradenhead repair

13. Describe Proposed or Completed Operations

It is intended to repair the bradenhead of the subject well according to the attached procedure.



SIGNATURE [Signature] (MW8) Regulatory Supervisor February 4, 2002

no
(This space for State Use)

Approved by [Signature] Title [Signature] Date FEB - 5 2002

SAN JUAN 28-6 UNIT 169

Dakota

1180' FSL & 1150' FWL

Unit M, Sec. 02, T27N, R06W

Latitude / Longitude: 36° 35.95' / 107° 26.48'

Rio Arriba County, New Mexico

AIN: 4406901

1/24/2002 Bradenhead Repair Procedure

Summary/Recommendation:

SAN JUAN 28-6 UNIT 169 was drilled and completed as a Dakota producer in 1972. The well has not been worked over since original completion. The 3-month average production is 44 Mcf/d, with a cumulative production of 666.9 MMcf. A bradenhead test performed 8/28/2001 showed the intermediate casing annulus had 408psi; it bled down for 30min during the test and built back to 160 psi in 5 min. The bradenhead flowed nothing during the test. The Aztec NMOCD office has demanded remedial action be completed as soon as possible. Cement behind the production casing is up into the intermediate casing by 849'. It is recommended to cut and pull the 4-1/2" production casing and test the 7" intermediate casing for holes.

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 and LD. TOC between 4-1/2" 10.5# K-55 longstring and 7" 20# K-55 intermediate is 2,675' as determined by temp survey 5/12/1972 (the HUERFANITO BENTONITE is at 3,785')(7" shoe at 3,524'). Freepoint and chemical cut 4-1/2" casing. TOOH and LD 4-1/2" casing.
4. TOC behind 7" casing is at 2,475' as determined by temperature survey 5/6/72. TIH with RBP-packer combination. Set RBP at 2,500' and use packer to pressure test RBP. Trip up hole searching for hole(s) in the 7" casing. Isolate hole(s) in 7" casing and contact operations engineer/senior rig supervisor. Prepare to squeeze holes using RBP and packer.
5. After squeeze work, TIH with 6-1/4" mill and dress off cement on RBP and clean off down to RBP. Pressure test squeeze to 500psi for 30min. TOOH and LD mill. TIH and retrieve RBP.
6. TIH with 3-7/8" mill with 2-3/8" workstring. Clean out to PBTD (7,687') with air/mist using a minimum mist rate of 12 bph.
7. 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.

8. Land tubing no lower than 7,646'. 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 1/31/02 Approved: Bruce W. Boyer 1-31-01
Operations Engineer Drilling Superintendent

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

Sundry Required:

☒ YES ☐ NO

Approved:

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