

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

1000' FNL, 1650' FWL, Sec. 27, T-27-N, R-5-W, NMPM

5. Lease Number

SF-079394

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

San Juan 27-5 Unit

8. Well Name & Number

San Juan 27-5 U #81

9. API Well No.

30-039-20643

10. Field and Pool

Tapacito Pict. Cliffs

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 -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure.



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

Signed [Signature] (TF3) Title Regulatory Supervisor Date 12/20/00

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date 1/10/01

CONDITION OF APPROVAL, if any:

San Juan 27-5 Unit 81

Tapacito Pictured Cliffs Ext.

AIN 4454601

1000' FNL & 1650' FWL, Section 27, T27N, R5W

Rio Arriba County, New Mexico

Long: -107.34862 / Lat: 36.54860

PLUG AND ABANDONMENT PROCEDURE

Project Summary: The San Juan 27-5 Unit 81 was drilled in 1973 as a Pictured Cliff. It last produced in 1997 and is not economical to attempt to return to production. Cumulative production is 79 MMCF with no remaining reserves. This well is also on the BLM demand list to either return to production or P&A. We propose to plug and abandon the well according to the following procedures.

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and/or test rig anchors. Prepare blow pit. Comply with all NMOC, BLM and Burlington safety rules and regulations.
2. ND wellhead and NU BOP, test BOP. Tally 1-1/4" tubing workstring. Round-trip 2-7/8" gauge ring or casing scraper to 3172'.
3. **Plug #1 (Pictured Cliffs Interval, Fruitland and Kirtland tops, 3172' – 2500'):** Set 2-7/8" wireline CIBP at 3172'. TIH with open ended tubing and tag CIBP. Load casing with water and establish circulation. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plug as necessary. Mix 20 sxs Class B cement and spot a balanced plug inside casing above the CIBP (2 10 sxs stages) to isolate the Pictured Cliffs interval and to cover Fruitland, Kirtland and Ojo Alamo tops. TOH with tubing.
4. **Plug #2 (Nacimiento top, 675' – 575'):** Perforate 2 squeeze holes at 675'. If casing tested after tagging plug #1, then establish rate into squeeze holes. Set 2-7/8" wireline set retainer at 625'. TIH with tubing and sting into retainer. Establish rate into squeeze holes and pressure test casing above. Mix 40 sxs Class B cement, squeeze 35 sxs outside 2-7/8" casing and leave 5 sxs inside to cover the Nacimiento top. TOH and LD tubing.
5. **Plug #3 (8-5/8" Surface casing, 177' - Surface):** Perforate 2 squeeze holes at 177'. Establish circulation out bradenhead valve. Mix and pump approximately 70 sxs Class B cement down 2-7/8" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
6. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Recommended: Tim Friesenhahn 12-20-00

Operations Engineer

Tim Friesenhahn

326-9539 (Office)

326-8113 (Pager)

Approved:

Sundry Required: Yes No

Approved:

Bruce W. Briggs 12-20-00
Drilling Superintendent

Peggy Cole 12-20-00
Regulatory Approval

Production Foreman:

Ward Arnold

326-9846 (Office)

326-8340 (Pager)

TJF/jks