

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  
1700' FNL, 790' FWL, Sec.19, T-27-N, R-4-W, NMPM, Rio Arriba County

API # (assigned by OCD)  
30-039-20670

5. Lease Number  
Fee

6. State Oil&Gas Lease #

7. Lease Name/Unit Name  
San Juan 27-4 Unit

8. Well No.  
64

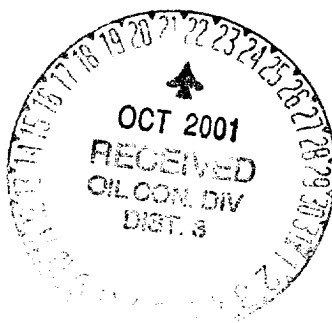
9. Pool Name or Wildcat  
Tapacito Pict Cliffs

10. Elevation:

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

13. Describe Proposed or Completed Operations

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



SIGNATURE *Peggy Cole* (BB3)Regulatory Supervisor October 19, 2001

no  
(This space for State Use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date OCT 22 2001

**San Juan 27-4 Unit #64**  
AIN #4454401  
Tapacito Pictured Cliffs Ext.  
1700' FNL & 790' FWL, Section 19, T27N, R4W  
Rio Arriba County, NM, API #30-039-20670  
Lat/Long: 36 22.4324 / -107 17.8392

**PLUG AND ABANDONMENT PROCEDURE**

**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. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations. ND wellhead and NU BOP, test BOP.
2. Prepare and tally 1-1/4" tubing workstring. Round-trip 2-7/8" gauge ring or casing scraper to 3444'.
3. **Plug #1 (Pictured Cliffs perforations, and Fruitland, Kirtland and Ojo Alamo tops, 3444' - 2840'):** Set a 2-7/8" wireline CIBP at 3444'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as necessary. Mix 20 sxs cement and spot a balanced plug (2 stages) inside casing above the CIBP to isolate the Pictured Cliffs perforations and to cover through the Ojo Alamo top. TOH with tubing.
4. **Plug #2 (Nacimiento top, 1840' - 1740'):** Perforate 2 bi-wire squeeze holes at 1840'. If casing tested, then establish rate into squeeze holes. Set 2-7/8" wireline set retainer at 1790'. Sting into retainer and establish rate below retainer into squeeze holes. Mix 40 sxs cement, squeeze 35 sxs outside 2-7/8" casing and leave 5 sxs inside to cover through the Nacimiento top. TOH and LD tubing.
5. **Plug #3 (8-5/8" Surface casing, 190' - Surface):** Perforate 2 bi-wire squeeze holes at 190'. Establish circulation out bradenhead with water. Mix and pump approximately 65 sxs 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:

*Brett Bradford* 10-19-01  
Operations Engineer

Operations Engineer

Brett Bradford  
326-9577 (Office)  
324-6906 (Pager)

Approved:

*[Signature]* 12/19/01  
Drilling Manager

Sundry Required: YES / NO

Approved:

*[Signature]* 10-19-01  
Regulatory Approval

Production Foreman  
Specialist:  
Lease Operator:

Ward Arnold  
Richard Lopez  
Rob Gay

326-9846 (Office)  
320-6573 (Cell)  
320-1200 (Cell)

326-8303 (Pager)  
326-8681 (Pager)  
326-8837 (Pager)

BAB/jks