

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

1825' FSL, 1460' FEL, Sec.30, T-27-N, R-4-W, NMPM

5. Lease Number  
SF-080670

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name  
San Juan 27-4 Unit

8. Well Name & Number  
San Juan 27-4 #89

9. API Well No.  
30-039-20828

10. Field and Pool  
Tapacito PC

11. County and State  
Rio Arriba Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

<input checked="" type="checkbox"/> Notice of Intent	<input checked="" 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 -	

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 Nancy Altman Title Regulatory Administrator Date 9/30/99  
trc

(This space for Federal or State Office use)

APPROVED BY Chip Hansen Title Acting Team Lead Date 10/18/99  
CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**NMOCD**

PLUG AND ABANDONMENT PROCEDURE

9-27-99

**San Juan 27-4 Unit #89**

AIN: 4461001

Tapacito Pictured Cliffs Extension

1825' FSL & 1460' FEL, Section 30, T27N, R4W

Rio Arriba County, New Mexico

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 NMOCD, BLM and Burlington safety rules and regulations. MOL and RU daylight pulling unit. Install relief line and blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. Prepare 1-1/4" IJ tubing workstring. Attempt to CO to 3510'. (A wireline report on 7/14/98 ran a 1-1/4" blind box to fill at 3053'.) Round-trip a 2-7/8" gauge ring to 3510'.
3. **Plug #1 (Pictured Cliffs perforations, Fruitland, Kirtland and Ojo Alamo tops, 3510' – 2892')** Set a 2-7/8" wireline CIBP at 3510'. PU and TIH with open ended 1-1/4" tubing and tag CIBP. Load casing with water and pressure test to 500#. If casing does not pressure test, then spot or tag subsequent plugs as appropriate. Mix 19 sxs Class B cement and spot a balanced plug to isolate the PC perforations and cover tops through the Ojo Alamo. TOH with tubing.
4. **Plug #2 (Nacimiento top, 2178' – 2078')**: Perforate 2 bi-wire squeeze holes at 2178'. Establish rate into squeeze holes if casing tested. If casing tested and able to pump into squeeze holes, then mix and pump 40 sxs Class B, 35 sxs outside and 5 sxs inside to cover Nacimiento top. Shut in well and WOC. If casing did not test after plug #1, then set 2-7/8" wireline cement retainer at 2170'. TIH with stinger and establish rate into squeeze holes and proceed with plug #2. POH and LD tubing.
5. **Plug #3 (8-5/8" casing shoe at 114')**: Perforate 2 squeeze holes at 164'. Establish circulation out bradenhead. Mix and pump approximately 60 sxs Class B cement down the 2-7/8" casing and 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:

  
Operations Engineer

Approval:

  
Drilling Superintendent