

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
SEP 7 1999

Sundry Notices and Reports on Wells

99 SEP -7 PM 2:09

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

1600' FSL, 1180' FEL, Sec. 17, T-27-N, R-5-W, NMPM

5. Lease Number

SF-079392

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 #179

API Well No.

30-039-20818

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

☒ 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 and wellbore diagram.

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

Signed

*[Signature]*

Title Regulatory Administrator Date 9/1/99

trc

(This space for Federal or State Office use)

APPROVED BY WAYNE TOWNSEND

Title A.T.L.

Date 10-5-99

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.

NMOC

## San Juan 27-5 Unit #179

### Tapacito Pictured Cliffs

1600' FSL & 1180' FEL, Sec. 17, T27N, R5W

Rio Arriba County, New Mexico

Latitude / Longitude: 36° 34.21692' / 107° 22.57692'

Recommended P&A Procedure 8/31/99

**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", 2.33#, J-55 IJ workstring. Round-trip a 2-7/8" gauge ring to 3200'.
3. **Plug #1 (Pictured Cliffs perforations, Fruitland, Kirtland, and Ojo Alamo tops, 3200' – 2580'):** Set a 2-7/8" wireline CIBP at 3200'. PU and TIH with open ended 1-1/4" tubing to 3200' and tag CIBP. Load casing with water and pressure test to 500#. Notify Operations Engineer and Drilling Superintendent of the results. If casing does not pressure test, then spot or tag subsequent plugs as appropriate. Mix 20 sxs Class "B" cement and spot two 10-sack balanced plugs to isolate the PC perforations and cover tops through the Ojo Alamo. Spotting two plugs will minimize the chances of sticking the workstring. TOH with tubing & stand back.
4. **Plug #2 (Nacimiento top, 1500' – 1400'):** Perforate 2 bi-wire squeeze holes at 1500'. Establish rate into squeeze holes if casing tested. If casing tested and we are able to pump into squeeze holes, then mix 40 sxs Class "B" and pump down 2-7/8" casing, displacing to 1300'. Shut in well and WOC. If casing did not test before perforating, or we are unable to pump into the squeeze holes, then set 2-7/8" wireline cement retainer at 1450'. TIH with 1-1/4" workstring, sting into cement retainer, and establish rate into squeeze holes. Mix 40 sxs Class B cement, squeeze 35 sxs cement outside 2-7/8" casing and leave 5 sxs cement inside casing to cover Nacimiento top. TOH and LD tubing.
5. **Plug #3 (8-5/8" casing shoe at 139'):** Perforate 2 squeeze holes at 189'. 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: *L. Tom Loveland* 8/31/99  
Operations Engineer

Approved: *Bruce D. Boyer* 8-31-99  
Drilling Superintendent

**Operations Engineer:** L. Tom Loveland

Office 326-9771  
Pager 324-2568  
Home 564-4418

# San Juan 27-5 Unit #179

Current

AIN: 4462101

Tapacito Pictured Cliffs

SE, Section 17, T-27-N, R-5-W, Rio Arriba County, NM

Long 36 - 34.21692' / Lat 107 - 22.57692'

Today's Date: 8/26/99

Spud: 3/6/74

Completed: 5/22/74

Elevation: 6462' (GL)  
6472' (KB)

12-1/4" hole

8-5/8" 24#, J-55 Casing set @ 139'  
Cement with 165 cf, Circulated to Surface

Nacimiento @ 1450'

TOC @ 2255' (T.S.)

Ojo Alamo @ 2630'

Kirtland @ 2830'

Fruitland @ 2925'

Pictured Cliffs @ 3242'

Pictured Cliffs Perforations:  
3250' - 3270' (20 holes)

PBTD 3358'

2-7/8" 6.4#, J-55 Casing set @ 3369'  
Cement with 122 sxs (247 cf)

6-3/4" Hole

TD 3375'

# San Juan 27-5 Unit #179

## Proposed P&A

AIN: 4462101

Tapacito Pictured Cliffs

SE, Section 17, T-27-N, R-5-W, Rio Arriba County, NM

Long 36 - 34.21692' / Lat 107 - 22.57692'

Today's Date: 8/26/99

Spud: 3/6/74

Completed: 5/22/74

Elevation: 6462'(GL)  
6472' (KB)

12-1/4" hole

8-5/8" 24#, J-55 Casing set @ 139'  
Cement with 165 cf, Circulated to Surface

Perforate @ 189'

Plug #3 189' - Surface  
Cmt with 60 sxs Class B

Plug #2 1500' - 1400'  
Cmt with 40 sxs Class B,  
35 sxs outside casing  
and 5 sxs inside.

Nacimiento @ 1450'

Cmt Retainer @ 1450'

Perforate @ 1500'

TOC @ 2255' (T.S.)

Ojo Alamo @ 2630'

Kirtland @ 2830'

Plug #1 3200' - 2580'  
Cmt with 20 sxs Class B in  
2 stages

Fruitland @ 2925'

Pictured Cliffs @ 3242'

Set CIBP @ 3200'

Pictured Cliffs Perforations:  
3250' - 3270' (20 holes)

PBTD 3358'

2-7/8" 6.4#, J-55 Casing set @ 3369'  
Cement with 122 sxs (247 cf)

6-3/4" Hole

TD 3375'