

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

850' FNL, 1620' FEL, Sec. 27, T-27-N, R-4-W, NMPM

5. Lease Number  
SF-080675

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

San Juan 27-4 Unit

8. Well Name & Number

San Juan 27-4 U #84

9. API Well No.

30-039-20825

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

Type of Action

☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

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

RECEIVED  
MAY 27 1997

OIL CON. DIV.  
MAY 27 1997

00 PM 0001 1997  
97 MAY 14 11:55

RECEIVED  
MAY 27 1997

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

Signed Deane W. Spencer (ROS8) Title Regulatory Administrator Date 5/9/97

(This space for Federal or State Office use)

APPROVED BY /s/ Deane W. Spencer

Title

Date

MAY 22 1997

CONDITION OF APPROVAL, if any:

NMOCD

## PLUG & ABANDONMENT PROCEDURE

San Juan 27-4 Unit #84  
Tapacito Pictured Cliffs  
NE Section 27, T-27-N, R-04-W  
Rio Arriba County, New Mexico  
Latitude/Longitude: 36°32.9389' / 107°14.0644'

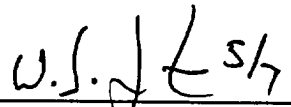
Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Prepare blow pit. Comply to all NMOCD, BLM, and BROG regulations.
2. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary.
3. Install cementing valve. Open bradenhead valve. Establish rate down 2-7/8" casing with 30 bbls water. Record pump rate & pressure. Monitor bradenhead for flow. If no flow or blow pump 18 frac balls (total of 54 perforations) in additional water and monitor pressure, rate, and volumes pumped to confirm perforations taking water and there is not a casing leak. If there are indications of a casing leak, then use 1-1/4" tubing to plug well.
4. **Plug #1 (Pictured Cliffs, Fruitland, Kirtland & Ojo Alamo tops, 4190' - 2500')**: Establish rate into Pictured Cliffs perforations with water. Mix and pump 47 sx class B cement. Bull head down 2-7/8" casing from surface; displace inside casing with water to 2500' to cover Pictured Cliffs perforations, Fruitland, Kirtland, and Ojo Alamo tops. Shut in casing valve and WOC. RIH with wireline gauge ring and tag top of cement plug. POOH with wireline. Pressure test casing to 500 psi.
5. **Plug #2 (Nacimiento top, 2428' - 2328')**: Perforate 4 holes @ 2428'. Establish rate into perms. Mix 39 sx class B cement and pump down 2-7/8" casing; displace with water to 2328'. WOC. RIH with wireline and tag plug.
6. **Plug #3 (Surface, 173' - Surface)**: Perforate 2 holes @ 173'. Establish circulation out bradenhead. Mix approximately 46 sx class B cement and pump down 2-7/8" casing, circulate good cement out bradenhead valve. Shut in well. WOC.
7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:

  
Operations Engineer

Approval:

  
Drilling Superintendent

# San Juan 27-4 Unit #84

Current

DPNO 43911A

Tapacito Pictured Cliffs

NE Section 27, T-27-N, R-4-W, Rio Arriba County, NM

Latitude/Longitude: 36°32.9389' / 107°14.0644'

Today's Date: 5/1/97

Spud: 5/14/74

Completed: 8/22/74

Elevation: 7272' (GL)  
7283' (KB)

Logs: IES, FDC-GR,  
Temp. Survey

Workovers: None

12-1/4" hole

8-5/8", 24.0#, J-55, 8rd. Csg set @ 123',  
Cmt w/106 cf (Circulated to Surface)

Nacimiento @ 2378'

Ojo Alamo @ 3570'

Kirtland @ 3776'

Fruitland @ 3976'

Pictured Cliffs @ 4114'

TOC @ 3200' (TS)

Pictured Cliffs Perforations:  
4128' - 4190', Total 54 holes

Baffle @ 4293'

2-7/8", 6.4#, H-40, 10rd. Csg set @ 4304',  
Cmt w/235 cf

6-3/4" hole

PBTD 4293'

TD 4304'

## Initial Potential

Initial AOF: 1685 Mcfd (8/74)  
Current SICP: 455 psig (10/91)

## Production History

Cumulative:  
Current:

## Gas

224.8 MMcf  
0.0 Mcfd

## Oil

0.0 Mbo  
0.0 bbls/d

## Ownership

GW: 83.43%  
NRI: 68.94%  
TRUST: 00.00%

## Pipeline

WFS

# San Juan 27-4 Unit #84

Proposed

DPNO 43911A

Tapacito Pictured Cliffs

NE Section 27, T-27-N, R-4-W, Rio Arriba County, NM

Latitude/Longitude: 36°32.9389' / 107°14.0644'

Today's Date: 5/1/97

Spud: 5/14/74

Completed: 8/22/74

Elevation: 7272' (GL)  
7283' (KB)

Logs: IES, FDC-GR,  
Temp. Survey

Workovers: None

12-1/4" hole

173'

8-5/8", 24.0#, J-55, 8rd, Csg set @ 123',  
Cmt w/106 cf (Circulated to Surface)

Perforation @ 173'

Plug #3: 173' - Surface,  
Cmt w/46 sx Class B Cmt

Nacimiento @ 2378'

2328'

2428'

2500'

Plug #2: 2428' - 2328',  
Cmt w/39 sx Class B Cmt,  
Sqz 34 sx outside csg and  
leave 5 sx inside csg

Perforation @ 2428'

Ojo Alamo @ 3570'

Kirtland @ 3776'

Fruitland @ 3976'

Pictured Cliffs @ 4114'

TOC @ 3200' (TS)

Plug #1: 4190' - 2500',  
Cmt w/47 sx Class B Cmt,  
(No excess, long plug)

Pictured Cliffs Perforations:  
4128' - 4190', Total 54 holes

PBTD 4293'

6-3/4" hole

TD 4304'

Baffle @ 4293'

2-7/8", 6.4#, H-40, 10rd, Csg set @ 4304',  
Cmt w/235 cf

## Initial Potential

Initial AOF: 1685 Mcfd (8/74)  
Current SICP: 455 psig (10/91)

## Production History

Cumulative: 224.8 MMcf  
Current: 0.0 Mcfd

## Gas

## Oil

0.0 Mbo  
0.0 bbls/d

## Ownership

GWl: 83.43%  
NRI: 68.94%  
TRUST: 00.00%

## Pipeline

WFS