

1. Type of Well  
GAS

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

PO Box 4289, Farmington, NM 87499 (505) 326-9700

1115' FNL, 1833' FWL, Sec.36, T-27-N, R-4-W, NMPM

5. **Lease Number**  
SF-079527

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 #93

9. API Well No.

30-039-20922

## 10. Field and Pool

Tapacito Pict.Cliffs

11. County and State

Rio Arriba Co, NM

## Type of Action

X Notice of Intent

X Abandonment

## Change of Plans

Subsequent Report

## Recompletion

                     New Construction

## Final Abandonment

## Plugging Back

## Non-Routine Fracturing

## Casing Repair

Water Shut off

## Altering Casing

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## Conversion to Injection

Other -

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

RECEIVED  
MAY 20 1997

OIL CON. DIV.  
DIST. 3

57:137 14 7:10:55  
070 14 7:10:55

Signed James M. McHugh (ROS8) Title Regulatory Administrator Date 5/9/97

(This space for Federal or State Office use)

APPROVED BY **/s/ Duane W. Spencer** Title

Date MAY 16 1997

CONDITION OF APPROVAL, if any:

# NMOC D

## PLUG & ABANDONMENT PROCEDURE

San Juan 27-4 Unit #93  
Tapacito Pictured Cliffs  
NW Section 36, T-27-N, R-04-W  
Rio Arriba County, New Mexico  
Latitude/Longitude: 36°32.0334' / 107°12.3001'

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 and pressure. Monitor bradenhead for flow. If no flow or blow pump 8 frac balls (total of 24 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 and Ojo Alamo tops, 4172' - 2700'):** Establish rate into Pictured Cliffs perforations with water. Mix and pump 41 sx class B cement. Bull head down 2-7/8" casing from surface; displace inside casing with water to 2700' to cover the 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, 2592' - 2492'):** Perforate 4 holes @ 2592'. Establish rate into perms. Mix 54 sx class B cement and pump down 2-7/8" casing; displace with water to 2492'. WOC. RIH with wireline and tag plug.
6. **Plug #3 (Surface, 173' - Surface):** Perforate 2 holes @ 173'. Establish circulation out bradenhead. Mix approximately 50 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 #93

Current

DPNO 44987A

Tapacito Pictured Cliffs

NW Section 36, T-27-N, R-4-W, Rio Arriba County, NM

Latitude/Longitude: 36°32.0334' / 107°12.3001'

Today's Date: 5/1/97

Spud: 8/31/74

Completed: 12/5/74

Elevation: 7293' (GL)  
7304' (KB)

Logs: IEL, CDL-GR,  
Temp. Survey

Workovers: None

12-1/4" hole

8-5/8", 24.0#, J-55, 8rd. Csg set @ 122'.  
Cmt w/118 cf (Circulated to Surface)

Nacimiento @ 2542'

TOC @ 3050' (TS)

7-7/8" hole

Changed drill bits from 7-7/8" to 6-3/4" @ 3315'

Ojo Alamo @ 3550'

Kirtland @ 3820'

Fruitland @ 3855'

Pictured Cliffs @ 4088'

Pictured Cliffs Perforations:  
4114' - 4172', Total 24 holes

PBTD 4216'

Baffle @ 4216'

6-3/4" hole

2-7/8", 6.4#, J-55, Csg set @ 4227'.  
Cmt w/287 cf

TD 4227'

## Initial Potential

Initial AOF: 2532 Mcfd (8/74)  
Current SICP: 353 psig (9/91)

## Production History

Cumulative:  
Current:

## Gas

513.4 MMcf  
0.0 Mcfd

## Oil

0.0 Mbo  
0.0 bbls/d

## Ownership

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

## Pipeline

WFS

# San Juan 27-4 Unit #93

Proposed

DPNO 44987A

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NW Section 36, T-27-N, R-4-W, Rio Arriba County, NM

Latitude/Longitude: 36°32.0334' / 107°12.3001'

Today's Date: 5/1/97

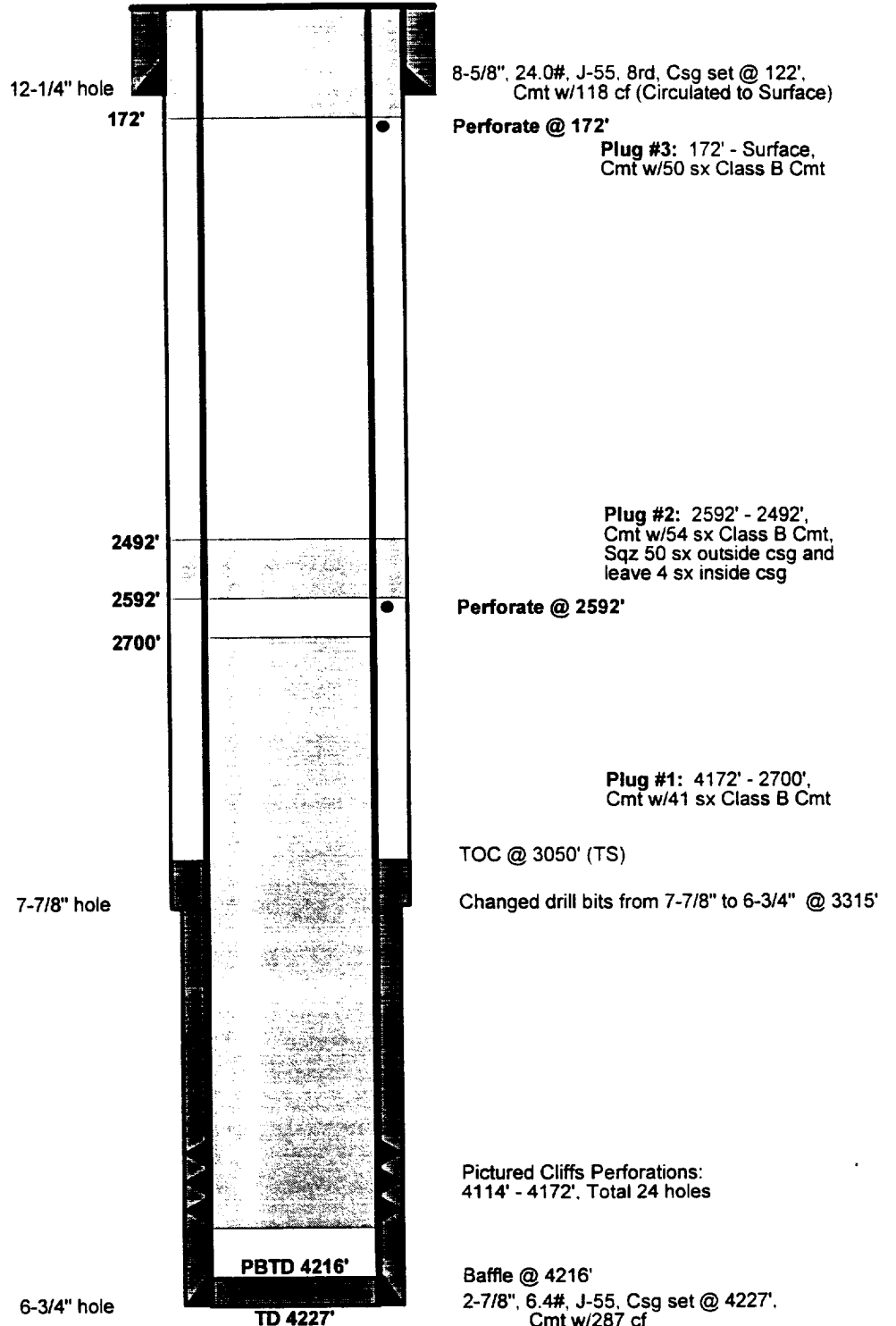
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## Pipeline

WFS