

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

5. Lease Number  
SF-079607

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

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

1610'FSL, 1550'FEL, Sec.34, T-27-N, R-4-W, NMPM

8. Well Name & Number  
Carson #1

9. API Well No.  
BO-039-20831

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,

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

Signed [Signature] Title Regulatory Administrator Date 9/13/99  
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

## PLUG AND ABANDONMENT PROCEDURE

9-1-99

### Carson #1

Tapacito Pictured Cliffs Extension  
1610' FSL & 1550' FEL, Section 34, 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. Round-trip a 2-7/8" wireline gauge ring to 3862'.
3. **Plug #1 (Pictured Cliffs perforations, Fruitland, Kirtland and Ojo Alamo tops, 3862' – 3295')** Set a 2-7/8" wireline CIBP at 3862'. PU and TIH with open ended 1-1/4" IJ tubing to 3862' 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 17 sxs Class B cement and spot a balanced plug above the CIBP to isolate the PC perforations and cover tops through the Ojo Alamo. TOH with tubing to 2700' and circulate to insure cement free interval for perforating. TOH with tubing.
4. **Plug #2 (Nacimiento top, 2640' – 2540')**: Perforate 2 bi-wire squeeze holes at 2640'. Establish rate into squeeze holes if casing tested. If casing tested and able to pump into squeeze holes, then mix and pump 55 sxs Class B down 2-7/8" casing, squeeze 50 sxs outside and leave 5 sxs inside to cover Nacimiento top, displace to 2500'. Shut in well and WOC.

**Note:** If casing did not test before perforating, then set 2-7/8" wireline cement retainer at 2630' after perforating at 2640'. TIH with tubing and establish rate into squeeze holes. Proceed with plug #2 by pumping 50 sxs outside and leaving 5 sxs inside on top of retainer. TOH and LD tubing.

5. **Plug #3 (8-5/8" Casing shoe at 135')**: Perforate 2 squeeze holes at 185'. Establish circulation out bradenhead. Mix and pump approximately 70 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: *J. J. Fine* 9-7-99  
Operations Engineer

Approval: *Druc W. Bony* 9-10-99  
Drilling Superintendent