

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

1650' FSL, 990' FWL, Sec. 34, T-27-N, R-8-W, NMPM

5. Lease Number  
NM-0558142

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Largo Federal SRC #1

9. API Well No.  
30-045-11760

10. Field and Pool  
Blanco MV/Basin DK

11. County and State  
San Juan 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 Supervisor Date 10/19/00  
TLW

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date 10/31/00

CONDITION OF APPROVAL, if any:

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

BUREAU OF LAND MANAGEMENT

## **Largo Federal SRC 1**

AIN 4213101/02

Basin Dakota / Blanco Mesa Verde

1650' FSL and 990' FWL, Section 34, T27N, R8W

San Juan Co., New Mexico

Latitude / Longitude: 36° 31.64' / 107° 40.50'

### **PLUG & ABANDONMENT PROCEDURE**

**Project Summary:** The Largo Federal SRC 1 was drilled in 1966 as a Dakota/Mesa Verde dual well. The Largo Federal SRC 1 last produced in 1999 and is not economical to attempt to return to production. The well has never had a workover. Cumulative production is 66 MMCF for the Dakota and 125 MMCF for the Mesa Verde with no remaining reserves. This well is also on the BLM demand list to either return to production or P&A. We propose to plug and abandoned the well according to the following procedures.

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 test location rig anchors if necessary. Prepare blow pit. Comply with all NMOCDC, BLM, and Burlington safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
  2. TOH and LD 157 joints MV 1-1/2" tubing (5120'). Pull seal assembly from Model D packer at 7150'. TOH and tally 217 joints DK tubing, LD seal assembly. Visually inspect tubing, if necessary LD and PU 2-3/8" workstring. Round trip a wireline gauge ring or casing scraper to 7140'. If unable to free seal assembly, then determine if the Dakota tubing string is good. If Dakota tubing does not leak, then bullhead plug #1 down DK tubing and WOC. Tag cement with wireline. Determine freepoint by stretch and jet cut tubing.
  3. **Plug #1 (Dakota perforations, 7140' – 7040')**: Set 5-1/2" wireline CIBP or cement retainer at 7140'. TIH with open ended tubing and tag CIBP. Load casing with water and attempt to circulate well clean. Mix 17 sxs Class B cement and spot a balanced plug inside casing above the CIBP to isolate the Dakota perforations. TOH with tubing.
  4. **Plug #2 (Gallup top, 6260' – 6160')**: Perforate 3 HSC squeeze holes at 6260'. Set 5-1/2" wireline or mechanical cement retainer at 6210'. Sting into retainer and establish rate into squeeze holes. Mix 47 sxs Class B cement, squeeze 30 sxs outside 5-1/2" casing and leave 17 sxs inside to cover Gallup top. TOH with tubing.
  5. **Plug #3 (Mesaverde perforations and top, 4988' – 4295')**: Set a 5-1/2" wireline CIBP or cement retainer at 4988'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as necessary. Mix 85 sxs Class B cement and spot a balanced plug inside casing to cover the Mesaverde top. Increase the cement to 100 sxs if casing does not test. PUH to 2825'.
  6. **Plug #4 (Pictured Cliffs and Fruitland tops, 2825' – 2415')**: Mix 52 sxs Class B cement and spot a balanced plug inside casing to cover the Pictured Cliffs and Fruitland tops. PUH to 2130'.
  7. **Plug #5 (Kirtland and Ojo Alamo tops, 2130' – 1730')**: Mix 51 sxs Class B cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH to 365'.
  8. **Plug #6 (Nacimiento top and 8-5/8" casing shoe, 365' - Surface)**: Attempt to pump into bradenhead value up to 500#. If bradenhead holds pressure, then spot approximately 45 sxs Class B cement from 365' to surface, circulate
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good cement out casing valve. TOH and LD tubing. If bradenhead does not hold pressure, then perforate 3 HSC squeeze holes at 365'. Establish circulation out bradenhead valve and cement to the surface. Shut in well and WOC.

9. BOP and cut off wellhead below surface casing. Fill casing and annulus as necessary. Install P&A marker to comply with regulations RD, MOL, cut off anchors, and restore location.

Recommended: Joe Michetti 10-17-00  
Operations Engineer

Operations Engineer Joe Michetti  
326-99764 (Office)  
564-7187 (Pager)

Approved: Bruce W. Bong 10-17-00  
Drilling Superintendent

Sundry Required: YES / NO

Approved: Debbie Cole 10-17-00  
Regulatory Approval

# Largo Federal SRC #1

Proposed P&A

AIN 4213101/02

Basin Dakota / Blanco Mesaverde

SW, Section 34, T-27-N, R-8-W, San Juan County, NM

Latitude / Longitude: 36° 31.64' / 107° 40.50

Today's Date: 10/9/00

Spud: 6/25/66

Completion: 7/22/66

Elevation: 6781' GL  
6792' KB

Nacimiento @ 315'

Ojo Alamo @ 1780'

Kirtland @ 2080'

Fruitland @ 2465'

Pictured Cliffs @ 2775'

Mesaverde @ 4345'

Gallup @ 6210'

Dakota @ 7184'

