

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

1065' FSL, 815' FWL, Sec. 34, T-29-N, R-9-W, NMPM

5. Lease Number  
NMNM-0555563

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Largo Federal #2

API Well No.

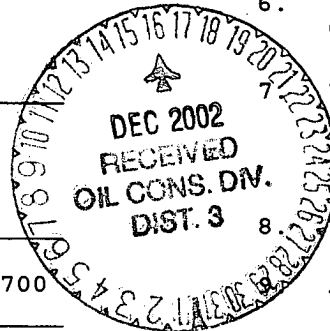
30-045-23533

10. Field and Pool

Aztec Pictured Cliffs

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.

RECEIVED  
2002 DEC 10 AM 11:20  
070 Farmington, NM

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

Signed Stephen Case Title Regulatory Supervisor Date 12/9/02  
no

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date 12/12/02  
CONDITION OF APPROVAL, if any:

**PLUG AND ABANDONMENT PROCEDURE 11/01/02**

**Largo Federal #2**

**Pictured Cliffs**

**1065' FSL & 815' FWL,**

**Unit M, Section 34, T29N, R09W**

**Latitude / Longitude: 36° 40.70' / -107° 46.55'**

**AIN: 1526001**

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. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations. Conduct safety meeting for all workers on location. MOL and RU pulling unit. Kill well with water as necessary. ND wellhead and NU BOP, test BOP.
2. Tally and prepare a 1-1/4" workstring. Round-trip 2-7/8" wireline gauge ring or scraper to 2112'.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland top 1888' – 2112')**: RIH and set a 2-7/8" wireline CIBP at 2112'. TIH with 1-1/4" IJ workstring and tag CIBP. Load casing with water and circulate the well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as necessary. Mix 8 sxs cement and spot a balanced plug inside casing above the CIBP to isolate the Pictured Cliffs perforations. PU to 1888' and reverse circulate. TOH and LD tubing. If casing leaks, then increase the cement to 30 sxs (two stages).
4. **Plug #2 (Kirtland and Ojo Alamo tops 1274'-1058')**: Note: TOC @ 1400' (TS). Perforate 3 bi-wire squeeze holes at 1274'. Set a 2-7/8" wireline cement retainer at 1224'. TIH with tubing and sting into retainer. Establish rate into squeeze holes. Mix 83 sxs, squeeze 75 sxs cement outside 2-7/8" casing and leave 8 sxs cement to casing to cover Kirtland and Ojo Alamo tops. TOH and LD tubing.
5. **Plug #3 (8-5/8" Surface casing, 212'-Surface)**: Perforate 3 bi-wire squeeze holes at 262'. Establish circulation out bradenhead valve. Mix and pump Approximately 64 sxs cement down 2-7/8" casing to circulate good cement out bradenhead valve. Shut 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:

  
Operations Engineer 11/19/02

Approved:  12-9-02  
Drilling Manager

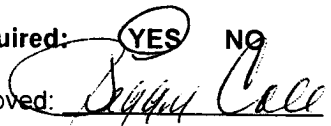
Jay Paul McWilliams Office - (324-6146)  
Cell - (320-2586)

Sundry Required:

**YES**

**NO**

Approved:

 12-9-02

Specialist: Jim Work  
Foreman: Darren Randall

Cell: 320-2447 Pager: 324-7721  
Cell: 320-2618 Office: 324-7335

# Largo Federal #2

Proposed P&A

AIN # 1526001

Aztec Pictured Cliffs

SW, Section 34, T-29-N, R-9-W, San Juan County, NM

API # 30-045-23533

Lat: 36 -40.70' / Long: -107 -46.55'

Today's Date: 11/04/02

Spud: 07/18/79

Completed: 9/17/79

Elevation: 5828' GL

9-7/8" hole

7-5/8" 26.4#, K-55 Casing set @ 212'  
Cement with 110 sx (Circulated to Surface)

Perforate @ 262'

Plug #3: 262' - Surface  
Cement with 64 sxs

Ojo Alamo @ 1108'

Kirtland @ 1224'

Cmt Retainer @ 1224'

Plug #2: 1274' - 1058'  
Cement with 83 sxs,  
75 sxs outside casing  
and 8 sxs inside

Perforate @ 1274'

TOC @ 1400' (T.S.)

Fruitland @ 1938'

Plug #1: 2112' -1888'  
Cement with 8 sxs

Pictured Cliffs @ 2157'

CIBP @ 2112'

Pictured Cliffs Perforations:  
2162' - 2202'

2-7/8" 6.5#, J-55 Casing set @ 2387'  
Cement with 175 sx

6-3/4" hole

TD 2387'

