

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

1450' FSL, 990' FWL, Sec. 20, T-31-N, R-10-W, NMPM

5. Lease Number  
NM-02814

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Cain B #1

9. API Well No.  
30-045-20478

10. Field and Pool  
Blanco Pict. Cliffs

11. County and State  
San Juan 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

☐ Recompletion

☐ New Construction

☐ Subsequent Report

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Final Abandonment

☐ 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  
OCT - 3 1997

OIL CON. DIV.  
DIST. 3

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

Signed Nancy Olthmann (MEL5) Title Regulatory Administrator Date 9/25/97

(This space for Federal or State Office use)

APPROVED BY /S/ Duane W. Spencer Title \_\_\_\_\_ Date OCT - 1 1997  
CONDITION OF APPROVAL, if any:

NMOCD

PLUG & ABANDONMENT PROCEDURE

9/2/97

**Cain B #1**

Pictured Cliffs

DPNO 7790

SW Section 20, T-31-N, R-10-W

San Juan Co., New Mexico

**Note: All cement volumes use 100% excess outside 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 to all NMOCD, BLM and BROGC safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to flow back tank. Blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. POH and LD 1" tubing (2709'). Round-trip 4-1/2" gauge ring or casing scraper to 2665'.
4. **Plug #1 (Pictured Cliffs perforations and Fruitland top, 2665' - 2337')**: RIH with 4-1/2" wireline set bridge plug and set at 2665'. RIH with open ended tubing workstring and tag bridge plug. Load casing with water and circulate clean. Pressure test casing to 500#. Mix 30 sxs Class B cement and spot a balanced plug inside casing above the bridge plug through the Fruitland top. POH with tubing.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 1265' - 1050')**: If casing does not test, spot or tag subsequent plug as appropriate. Perforate 3 or 4 squeeze holes at 1265'. Establish rate into squeeze holes if casing tested. PU 4-1/2" cement retainer and RIH; set at 1215'. Pressure test tubing to 1000# and establish rate into squeeze holes. Mix 70 sxs Class B cement and squeeze 50 sxs cement outside 4-1/2" casing and leave 20 sxs cement inside casing to cover Ojo Alamo top. POH and LD tubing.
6. **Plug #3 (Surface)**: Perforate 2 squeeze holes at 155'. Establish circulation out bradenhead valve. Mix and pump approximately 44 sxs Class B cement down 4-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
7. 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: *M.E. Hunter*  
Operations Engineer

Approval: *W.J. [Signature]* 9/22/97  
Drilling Superintendent

# Cain B #1

Proposed P & A

DPNO 7790

Pictured Cliffs

SW Section 20, T-31-N, R10-W, San Juan County, NM

Today's Date: 9/2/97

Spud: 4/22/69

Completed: 5/2/69

Elevation: 6004'(GL)

Logs: EIS, CBL

Workovers: None

Nacimiento @ Surf

12-1/4" hole

8-5/8" 24# Csg set @ 105'  
70 sxs (Circulated to Surface)

Perforate @ 155'

**Plug #3** 155' - Surface  
Cmt with 44 sxs Class B.

Ojo Alamo @ 1100'

Kirtland @ 1215'

Cmt Retainer @ 1215'

Perforate @ 1265'

**Plug #2** 1265' - 1050'  
Cmt with 70 sxs Class B,  
20 sxs inside casing and  
50 sxs outside casing.

TOC @ 1622' (CBL)

Fruitland @ 2387'

Pictured Cliffs @ 2714'

CIBP @ 2665'

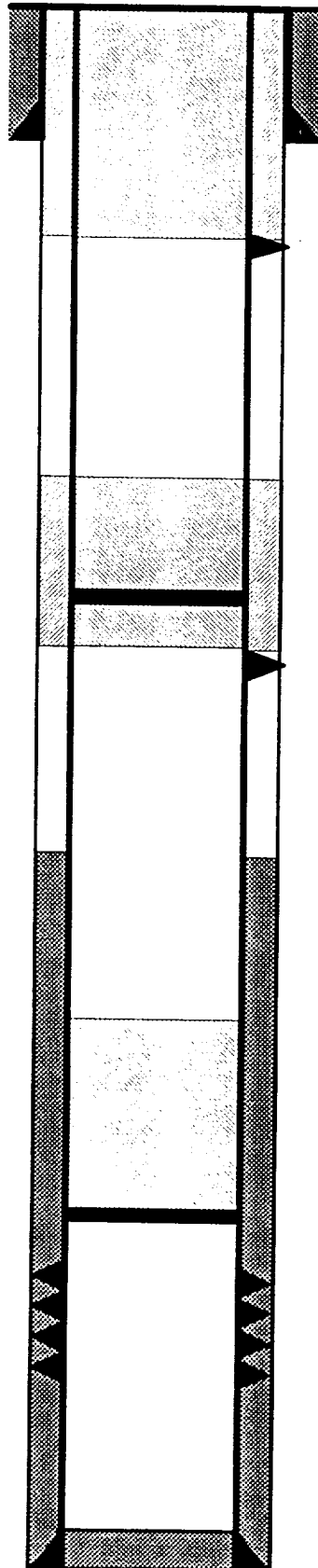
**Plug #1** 2665' - 2337'  
Cmt with 30 sxs Class B

Pictured Cliffs Perforations:  
2715' - 2739'  
2748' - 2756' 4/spf

6-3/4" hole

4-1/2" 9 5# Casing set @ 2900'  
Cmt w/250 sxs

TD 2900'



# Cain B #1

Current -- 9-9-97

DPNO 7790

Pictured Cliffs

SW Section 20, T-31-N, R10-W, San Juan County, NM

Today's Date: 9/2/97

Spud: 4/22/69

Completed: 5/2/69

Elevation: 6004'(GL)

Logs: EIS, CBL

Workovers: None

Ojo Alamo @ 1100'

Kirtland @ 1215'

Fruitland @ 2387'

Pictured Cliffs @ 2714'

