

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

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

990' FSL, 990' FWL, Sec. 7, T-29-N, R-11-W, NMPM

5. Lease Number  
SF-077317

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Cooper #2

9. API Well No.  
30-045-13205

10. Field and Pool  
Fulcher Kutz 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

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ 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  
NOV - 8 1996

OIL & GAS DIV.  
BUREAU

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

Signed Duane W. Spencer (KM2) Title Regulatory Administrator Date 10/31/96

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED

NOV 05 1996  
/S/ Duane W. Spencer  
DISTRICT MANAGER

RM000

## PLUG AND ABANDONMENT PROCEDURE

COOPER #2

DPNO: 9781

Pictured Cliffs

Unit M, Sec. 7, T29N, R11W

San Juan County, New Mexico

# COPY

**Note:** All cement volumes use 50% excess outside pipe (due to large hole volume) and 50' excess inside. 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 Burlington Resources safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test EOP.
3. POOH with 1" tubing (set @ 1827' / 87 jts) and LD. PU 1-1/4" workstring and run 3-1/2" casing scraper to 1825'.
4. **Plug #1 (Pictured Cliffs perforations, 1815' - 1585'):** PU and RIH with wireline set 3-1/2" CIBP; set @ 1815'. PU and RIH with 1-1/4" workstring, open-ended, to 1815' and tag CIBP. Load casing with water and pressure test to 500#. Mix 10 sxs Class B cement and spot a balanced plug inside casing above bridge plug to cover Pictured Cliffs top. POOH.
5. **Plug #2 (Fruitland Coal top, 1497' - 1397'):** Perforate 3-1/2" and 5-1/2" casings with 3 squeeze holes at 1497'. Establish rate into squeeze holes if casing tested. Mix 64 sxs Class B cement, squeeze 55 sxs cement outside 5-1/2" casing and leave 9 sxs cement inside 3-1/2" casing to cover Fruitland Coal top. Shut in well and WOC. RIH and tag cement.
6. **Plug #3 (Kirtland and Ojo Alamo tops, 684' - 430'):** Perforate 3-1/2" and 5-1/2" casings with 3 squeeze holes at 684'. Establish rate into squeeze holes if casing tested. Mix 310 sxs Class B cement, squeeze 296 sxs cement outside 5-1/2" casing and leave 14 sxs cement inside 3-1/2" casing to cover Ojo Alamo top. Shut in well and WOC. RIH and tag cement.
  - a. If casing does not pressure test, wireline set 3-1/2" CIBP @ 700' and 3-1/2" CR @ 629'. RIH with stinger and establish rate into squeeze holes. Mix 310 sxs Class B cement, squeeze 296 sxs outside 5-1/2" casing and leave 14 sxs inside 3-1/2" casing to cover Ojo Alamo top.
7. **Plug #4 (91' - Surface):** Perforate 3-1/2" and 5-1/2" casing with 3 squeeze holes at 91'. Establish circulation out bradenhead valve. Mix and pump approximately 142 sxs Class B cement down 3-1/2" casing, circulate good cement to surface.
8. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:

*KL Midkiff* 10/25/96  
Operations Engineer

Approval:

\_\_\_\_\_  
Drilling Superintendent

Concur:

\_\_\_\_\_  
Production Superintendent

**Contact:** Kevin Midkiff

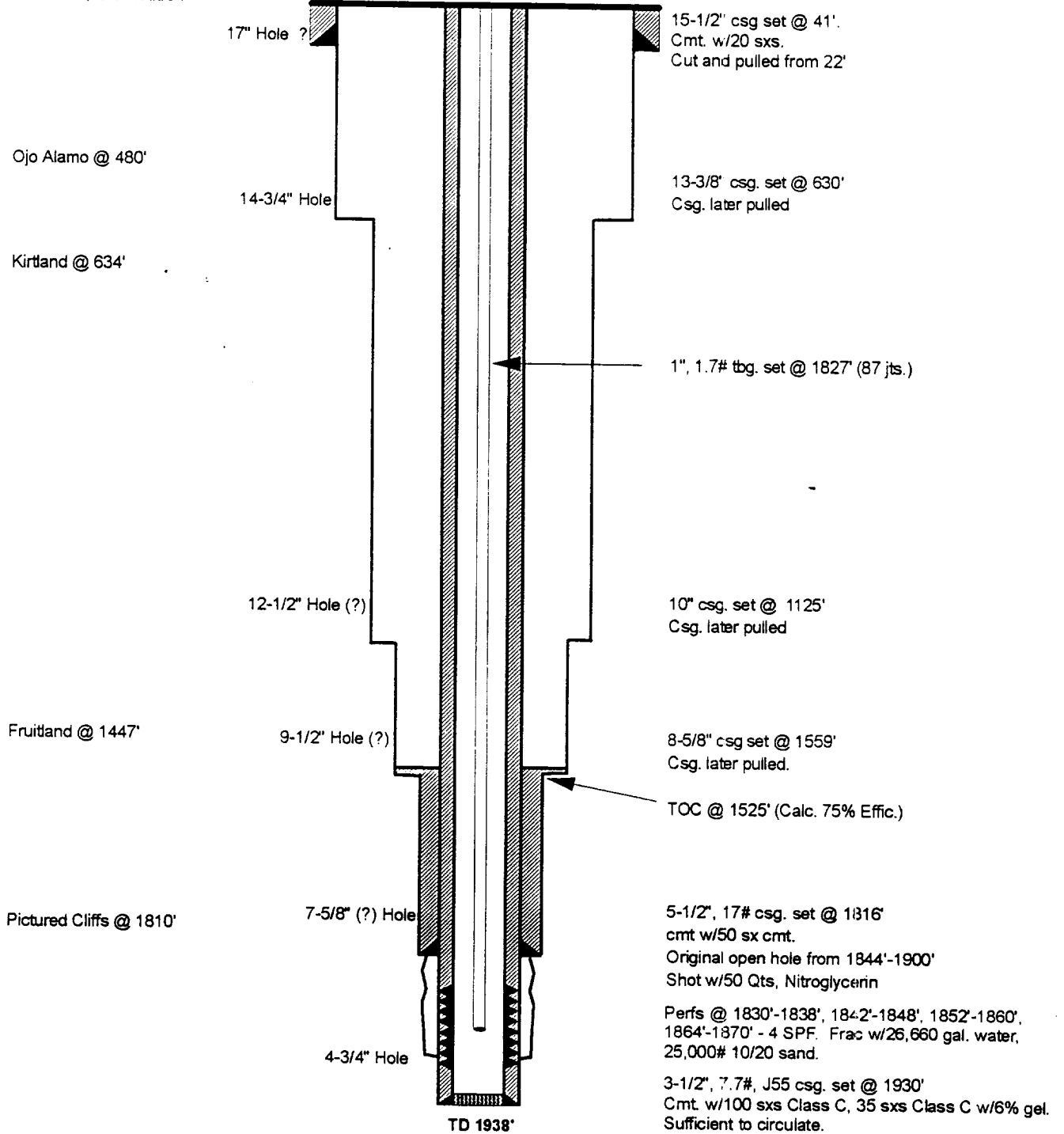
326-9807 (Office)  
564-1653 (Pager)

# Cooper #2

Current: 10/14/96  
DPNO: 9781

Spud: 6/10/46  
Completed: 7/16/46  
Workover: 4/18/69  
Elevation: 5668' DF  
5665' GL  
Logs: CBL, GR-Neutron

Pictured Cliffs  
990' FSL, 990' FWL  
Unit M, Sec. 7, T29N, R11W, San Juan County  
Long./Lat: 108.037628 - 36.735672



# Cooper #2

## Proposed P&A

Spud: 6/10/46  
Completed: 7/16/46  
Workover: 4/18/69  
Elevation: 5668' DF  
5665' GL  
Logs: CBL, GR-Neutron

DPNO: 9781  
Pictured Cliffs

990' FSL, 990' FWL  
Unit M, Sec, 7, T29N, R11W, San Juan County  
Long./Lat.: 108.037628 - 36.735672

Ojo Alamo @ 480'

Kirtland @ 634'

Fruitland @ 1447'

Pictured Cliffs @ 1810'

