

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED

97 DEC -8 PM 1:56

070 FARMINGTON, NM

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL &amp; 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

1120' FSL, 1090' FWL, Sec. 6, 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 #5

9. API Well No.  
30-045-20517

10. Field and Pool  
Basin Fruitland Coal/  
Fulcher Kutz Pict. Cliff

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  
DEC 19 1997  
OIL CON. DIV.  
DIST. 3

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

Signed *Reggie Spauld* (KLM2) Title Regulatory Administrator Date 12/7/97

(This space for Federal or State Office use)

APPROVED BY *As Duane W. Spence* Title \_\_\_\_\_ Date DEC 15 1997

CONDITION OF APPROVAL, if any:

NMOC

## PLUG & ABANDONMENT PROCEDURE

11-16-97

### Cooper #5

DPNO 9784 / 9784B

Basin Fruitland Coal / Fulcher Pictured Cliffs


1120' FSL & 1090' FWL / SW, Section 6, T-29-N, R-11-W

San Juan Co., 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 test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Burlington safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. POH and tally 59 joints 1-1/2" tubing (1890'); visually inspect the tubing. If necessary LD and PU 2" workstring.
3. **Plug #1 (Pictured Cliffs & Fruitland perforations and tops, 2010' - 1615')**: TIH with open ended tubing to 2010' or as deep as possible. Pump 30 bbls water down tubing. Mix 46 sxs Class B cement (50% excess, long plug) and spot a balanced plug inside casing to fill the Pictured Cliffs and Fruitland perforations. TOH above cement and WOC. TIH and tag cement. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. TOH to 780'.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 780' - 530')**: Mix 23 sxs Class B cement and spot a balanced plug inside casing to cover Ojo Alamo top. POH and LD tubing.
5. **Plug #3 (8-5/8" Casing Shoe at 114')**: Perforate squeeze holes at 164'. Establish circulation out bradenhead valve. Mix and pump approximately 47 sxs Class B cement from 164' to surface, circulate good cement out cement valve. Shut in well and WOC.
6. 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:

  
Operations Engineer

11/25/97

Approval:

  
Drilling Superintendent

Operations Engineer: Kevin Midkiff - Office-326-9807  
Pager-564-1653  
Home-324-8596

Production Foreman: Johnny Ellis - Office-326-822  
Pager-327-8144

# Cooper #5

Current

DPNO 9784/9784B

Basin Fruitland Coal / Fulcher Kutz Pictured Cliffs

SW, Section 6, T-29-N, R-11-W, San Juan County, NM

Lat./Long.: 36°45.03" / 108°22.08"

Today's Date: 11-16-97  
Spud: 6-17-69  
Completed: PC - 6-26-69  
FtC -12-22-94  
Elevation: 5764' (GL)  
Logs: GR-IES, CBL

12-1/4" hole

8-5/8" 24# Csg set @ 114'  
60 sxs cement (Circulated to Surface)

TOC @ 300' (CBL)

Ojo Alamo @ 580'

Kirtland @ 730'

## Well History

Dec '94: Pull 1" tubing; set RBP at 1920'; ran CBL and PT csg, OK; perf and frac Ft Coal zones between 1702' -1898'; blow well and CO, recover RBP; land tubing.

Feb '95: Swab well for four days.

Fruitland @ 1665'

1-1/2" Tubing Set at 1890'  
(59 jts, 2.9#, J-55, FN at 1855')

Fruitland Coal Perforations:  
1702' - 1898'

Pictured Cliffs @ 1932'

Pictured Cliffs Perforations:  
1934' - 1960'

PBTD 2020'

4-1/2" 9.5# Casing Set @ 2020'  
Cmt with 250 sxs

6-3/4" Hole

TD 2054'

# Cooper #5

## Proposed P&A

DPNO 9784/9784B

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Elevation: 5764' (GL)  
Logs: GR-IES, CBL

12-1/4" hole

8-5/8" 24# Csg set @ 114'  
60 sxs cement (Circulated to Surface)

Perforate @ 164'

**Plug #3** 164' - Surface  
Cmt with 47 sxs Class B.

TOC @ 300' (CBL)

Ojo Alamo @ 580'

**Plug #2** 780' - 530'  
Cmt with 23 sxs Class B.

Kirtland @ 730'

Fruitland @ 1665'

**Plug #1** 2010' - 1615'  
Cmt with 46 sxs Class B,  
(50% excess, long plug)

Fruitland Coal Perforations:  
1702' - 1898'

Pictured Cliffs @ 1932'

Pictured Cliffs Perforations:  
1934' - 1960'

PBTD 2020'

4-1/2" 9.5# Casing Set @ 2020'  
Cmt with 250 sxs

6-3/4" Hole

TD 2054'