

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

97 SEP -2 PM 2:06

070 FARMINGTON, NM

5. Lease Number  
SF-077056  
6. If Indian, All. or  
Tribe Name  
7. Unit Agreement Name

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

1320' FSL, 1570' FWL, Sec. 18, T-29-N, R-11-W, NMPM

8. Well Name & Number  
Cozzens #1  
9. API Well No.  
30-045-08238  
10. Field and Pool  
Basin Fruitland Coal/  
Fulcher Kutz Pict. Clif.  
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  
SEP 10 1997  
OIL CON. DIV.  
DIST. 3

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

Signed Duane W. Spencer (KM2) Title Regulatory Administrator Date 8/28/97

(This space for Federal or State Office use)

APPROVED BY IS/Duane W. Spencer Title Team Lead Date SEP 8 1997  
CONDITION OF APPROVAL, if any:

## PLUG & ABANDONMENT PROCEDURE

8-26-97

**Cozzens #1**  
DPNO 9840B  
Basin Fruitland Coal  
1320' FSL & 1570' FWL / SW, Section 18, T-29-N, R-11-W  
San Juan County, NM

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 test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Burlington 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.
3. POH and tally 59 joints 1-1/4" EUE tubing (1858', with SN on bottom), visually inspect. If necessary, LD tubing and PU workstring. Round trip 3-1/2" gauge ring to 1600'.
4. **Plug #1 (Fruitland Coal perforations and top, 1600' - 1503')**: Set a 3-1/2" wireline CIBP at 1600'. Load casing with water and pressure test to 500#. Perforate 4 holes at 1595' through both 3-1/2" and 5-1/2" casings. Establish rate into squeeze holes. RIH with 1-1/4" tubing to 1600' and tag CIBP. At 1600'. Mix 37 sacks Class B cement, squeeze 30 sxs outside 5-1/2" casing and leave 7 sxs inside 3-1/2" casing to cover Fruitland top. POH with tubing and WOC. RIH and tag cement. Pressure test casing to 500#. POH with tubing.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 731' - 525')**: Perforate 4 squeeze holes at 731'. Establish rate into squeeze holes if casing tested. Mix and pump 244 sxs Class B cement down 3-1/2" casing, squeeze 232 sxs into 5-1/2" x 12-1/4" casing annulus (monitor 5-1/2" intermediate casing valve) and leave 12 sxs inside 3-1/2" casing. If casing did not test before perforating, then use a wireline cement retainer at 681'. Pressure test tubing and casing. Establish rate under retainer into squeeze holes then cement. POH and LD tubing. If no retainer then WOC and tag cement.
6. **Plug #3 (16" Surface Casing at 60')**: Perforate 2 squeeze holes at 110'. Establish rate out bradenhead valve, monitor 5-1/2" casing valve. Mix and pump approximately 120 sxs Class B cement down 3-1/2" casing and out bradenhead, circulate good cement to surface. Shut in well and WOC.
7. ND BOP and cut below surface casing. Install P&A marker with cement to comply with regulations. RD, Move off location, cut off anchors, and restore location.

Recommended:

*Rein L. Midway* 8/28/97  
Operations Engineer

Approval:

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

Concur:

\_\_\_\_\_  
Production Supervisor

# Cozzens #1

Current

DPNO 9840B

Basin Fruitland Coal

1320' FSL & 1570' FWL

SW Section 18, T-29-N, R-11-W, San Juan County, NM

Long / Lat 36°43.33", 108°2.14"

Today's Date: 8-26-97

Spud: 4-3-43

Completed: 5-18-43

Recompleted: PC 11-9-64

Recompleted: FtC 12-1-90

Elevation: 5757'(GL)

Logs: NDT/GR/CCL

Workovers: Oct '64 & Nov '90

17-1/2" Hole

15" Hole to 530'

Ojo Alamo @ 575'

Kirtland @ 681'

12-1/4" Hole to 892'

9-7/8" Hole to 1416'

Fruitland @ 1553'

Pictured Cliffs @ 1885'

7-7/8" Hole

PBTD 1865'

TD 1957'

16" Csg Set @ 60'  
Cmt w/ 90 sxs (Circulated to Surface)

13" Casing Pulled

## Workover History

Oct '64: Pull 1" tbg, clean out; cemented 3-1/2" casing at 1949' with 708 cf; sqzd 20 sxs through holes in Fruitland zone; PC perfed and fraced from 1894' to 1924'; land 1" tbg.

Nov '90: Pull 1"; ran Neutron log; set CIBP at 1865'; Ft Coals perfed and fraced from 1620' to 1862'; land 1-1/4" tbg at 1858'.

10-3/4" Casing Pulled

1-1/4" Tubing set at 1858'  
(59 jts, 2.4#, EUE w/SN on bottom)

8-5/8" Casing Pulled

TOC @ 1619' (Calc, 75%)

Fruitland Coal Perforations:  
1620' - 1862' (1990)

CIBP @ 1865' (1990)

5-1/2" 14# Casing set @ 1874'  
Cmt w/50 sxs (1943)

Pictured Cliffs Perforations:  
1894' - 1924' (1964)

3-1/2" 7.7# Casing set @ 1949'  
Cmt with 208 cf (1964)  
(Circulated to Surface)

# Cozzens #1

Proposed P&A  
DPNO 9840B

Basin Fruitland Coal

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