

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

AM 8:57

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

1850' FSL, 790' FWL, Sec. 27, T-27-N, R-11-W, NMPM

5. Lease Number

SF-078092

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Douthit C Federal #2

9. API Well No.

30-045-06241

10. Field and Pool

Basin Fruitland Coal

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. The deadline to submit this procedure is 9/30/01.

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

Signed

*Reggie Case*

Title Regulatory Supervisor Date 9/18/01

TLW

(This space for Federal or State Office use)

APPROVED BY

Title

Date

10/16/01

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# PLUG AND ABANDONMENT PROCEDURE

09/12/01

## Douthitt C Federal #2

AIN #1750802

Basin Fruitland Coal

1850' FSL & 790' FWL, Section 27, T27N, R11W

San Juan County, New Mexico API #30-045-06241

Lat./36 -32.6406' / Long: -107 -59.8104'

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. ND wellhead and NU BOP, test BOP.
2. TOH and tally 2-3/8" tubing, total 1726'. Visually inspect tubing, if necessary LD and PU workstring.
3. **Plug #1 (Pictured Cliffs and Fruitland Coal perforations and tops, 1960' - 1635'):** TIH with open ended tubing and tag existing CIBP at 1960', or as deep as possible. Load casing with water and establish circulation. Mix and spot 48 sxs cement above the CIBP to isolate the Pictured Cliffs perforations and to fill the Fruitland Coal perforations. TOH with tubing and WOC. While WOC round-trip 4-1/2" gauge ring or casing scraper to 954'. TIH and tag cement. Cement must tag at 1635' or higher. Load casing with water and pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as necessary.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 1004' - 793'):** Perforate 3 HSC squeeze holes at 1004'. Establish rate into squeeze holes if casing tested. Set 4-1/2" retainer at 954'. Establish rate into squeeze holes. Mix 102 sxs cement and squeeze 82 sxs cement outside 4-1/2" casing and leave 20 sxs cement inside casing to cover the Ojo Alamo top. TOH and LD tubing and LD tubing.
5. **Plug #3 (8-5/8" surface casing, 288' - Surface):** Perforate 3 HSC holes at 288' and establish circulation out bradenhead. Mix and pump approximately 100 sxs cement down the 4-1/2" casing, circulate good cement to surface. Shut in well 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

9-13-01

Approval:

  
Drilling Superintendent

9-13-01

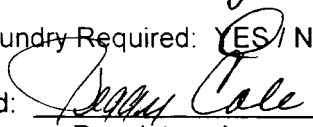
Contacts: Operations Engineer Brett Bradford

Pager: 324-6906

Office - 326-9577

Sundry Required: YES / NO

Approved:

  
Regulatory Approval

Demand Date: 9/30/01

BAB/plh

# Douthit "C" Federal #2

## Proposed P&A

AIN #1750802

Basin Fruitland Coal/ West Kutz Pictured Cliffs  
SW, Section 27, T-27-N, R-11-W, San Juan County, NM

Lat: 36 -32.6406' / Long: -107 -59.8104'

API #30-045-06241

Today's Date: 09/12/01  
Spud: 03/07/61  
Dakota Comp: 03/22/61  
PC Comp: 01/13/88  
FtC Comp: 10/12/90  
Elevation: 6350' GL  
6363' KE

12-1/4" hole

8-5/8" 24#, J-55 Casing set @ 238'  
183 cf cement (Circulated to Surface)

Perforate @ 288'

Plug #3 288' - Surface  
Cement with 100 sxs

Plug #2 1004' - 793'  
Cement with 102 sxs,  
82 sxs outside casing  
and 20 sxs inside.

Cmt Retainer @ 954'

Perforate @ 1004'

TOC @ 1485' ('88 CBL)

Plug #1 1960' - 1635'  
Cement with 48 sxs

Fruitland Coal Perforations:  
1690' - 1930'  
Set CIBP @ 1960' (02/90)

Pictured Cliffs Perforations:  
1979' - 1999'

Set CIBP @ 2110' (01/5/88)  
DV Tool @ 2155'  
Cmt with 150 sxs (177 cf)

Plug#4 2613' - 2913'  
Cement with 25 sxs (01/5/88)  
Plug#3 3344' - 4102'  
Cement with 60 sxs (01/5/88)

Cmt Retainer @ 4197'  
Plug#2 with 25 sxs below  
and 50' above (01/5/88)

TOC 5441' @ (Calc, 75%)

Plug#1 with CIBP at 6450'  
Cap with 35' cement (05/84)

Dakota Perforations:  
6497' - 6530'

4-1/2" 11.6#, J-55 Casing Set @ 6688'  
Cemented with 300 sxs (378 cf)

Ojo Alamo @ 843'

Kirtland @ 954'

Fruitland Coal @ 1685'

Pictured Cliffs @ 1943'

Squeeze csg leak from 3741' -  
2927' with 400 sxs,  
Re-squeeze with 200 sxs (01/75)

Mesaverde @ 3509'\*

Squeeze csg leak at 4117'  
With 400 sxs. re-squeeze with  
225 sxs (01/81)

Gallup @ 5790'

Dakota @ 6495'

PBTD 6691'

7-7/8" Hole

TD 6715'