

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

## Sundry Notices and Reports on Wells

1. **Type of Well**  
GAS

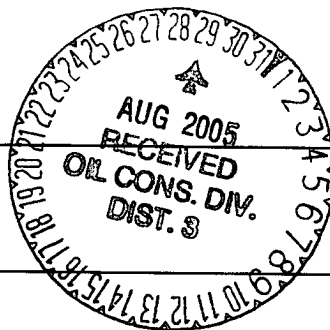
2. **Name of Operator**  
**BURLINGTON**  
RESOURCES OIL & GAS COMPANY LP

3. **Address & Phone No. of Operator**  
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. **Location of Well, Footage, Sec., T, R, M**  
Sec., T—N, R—W, NMPM

Unit D (NWNW), 810' FNL & 1150' FWL, Sec. 17, T28N, R8W NMPM

2005 AUG 23 AM 11 32

RECEIVED  
070 FARMINGTON NM

5. **Lease Number**  
NMSF-080112  
6. **If Indian, All. or Tribe Name**  
7. **Unit Agreement Name**

8. **Well Name & Number**  
Federal 23-17 #2  
9. **API Well No.**  
30-045-31980  
10. **Field and Pool**

11. **Basin Fruitland Coal**  
**County and State**  
San Juan, 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☐ Casing Repair☐ Altering Casing☐ Change of Plans☐ New Construction☐ Non-Routine Fracturing☐ Water Shut-off☐ Conversion to Injection☒ Other : Intent to P&A**13. Describe Proposed or Completed Operations**

It is intended to Plug & Abandon the subject well according to the attached procedure and well bore diagrams.

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

Signed

Philana Thompson

Title Regulatory Associate II Date 8/23/05

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_Date AUG 25 2005**CONDITION OF APPROVAL, if any:**

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

NMOCD

## Federal 23-17 #2 – Fruitland Coal PLUG AND ABANDONMENT PROCEDURE

810' FNL & 1150' FWL  
NW, Section 17, T28N, R8W  
Latitude: N 36°3'59.910", Longitude: W 107°42'32.095"

AIN85129101

7/22/05

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 III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOC, BLM, and BR safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. Tally and prepare a 2.375" tubing workstring. TIH and tag PBTD at approximately 2173'.
3. **Plug #1 (Fruitland top, 2173' - 1814')**: Load casing with water and circulate well clean. Pressure test casing to 1000#. *If casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 28 sxs cement and spot a balanced plug inside the casing to cover the Fruitland interval. PUH to 1380'. Note: To prevent formation damage in the offset well, no cement will be placed outside the casing.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 1380' – 1075')**: Mix 24 sxs cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH to 176'.  
313
5. **Plug #3 (8.625" casing shoe and surface, 176' - Surface)**: Connect the pump line to the bradenhead valve. Pressure test the bradenhead annulus to 300#, note volume to fill. If it tests, then with tubing at 176', establish circulation out casing valve with water. Mix approximately 18 sxs cement and fill the 4.5" casing to surface, circulate good cement out the casing valve. TOH and LD tubing. Shut well in and WOC. If the BH annulus does not test, then perforate 2 holes at the appropriate depth and fill the BH annulus with cement to surface, covering inside 50' below surface casing shoe. TOH and LD tubing. Shut in well.
6. ND BOP and cut off casing below surface casing flange. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Recommended:

  
Operations Engineer

Engineer

Office - (599-4043)  
Cell - (320-0321)

Approved:

  
Drilling Superintendent

Sundry Required: YES

# Federal 23-17 #2

Current

AIN 85129101

Basin Fruitland Coal

810' FNL, 1150' FWL, Section 17, T-28-N, R-8-W

San Juan County, NM API #30-045-31980

Lat: N 36°3' 58.910" / Long: W 107°42' 32.095"

Today's Date: 7/22/05

Spud: 3/10/04

Completed: 3/19/04

Elevation: 5814' GL

12.25" hole

Ojo Alamo @ 1125'\* est

Kirtland @ 1330'\* est

Fruitland @ 1920'\* est

6.25" hole

PBTD 2173'

TD 2230'

Circulate 30 bbls Cement to Surface

7" 23#, J-55 Casing set @ 263'  
Cmt with 106cf (Circulated to Surface)

## Well History:

Mar '05: Burlington Resources  
acquired this well from Richardson  
Operating.

### Refer to 7/6/05 Sundry Notice:

When drilling this well at 2117', it lost  
circulation. Over the next four days the  
well was drilled to 2230' and lots of mud  
lost. This interfered with the gas  
production of an offset well, the BR Riddle  
F #9 well.

Casing was set in this well but it was  
never completed. Per the referenced  
Sundry BR took responsibility for the well.

DV Tool @ 1864'

Cement with 260 sxs (620 cf)  
Circulate 30 bbls to surface.

4.5" 11.6#, Casing set @ 2217'

No Cement, due to lost circulation  
while drilling.

## Federal 23-17 #2

Proposed P&A

AIN 85129101

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PBTD 2173'

TD 2230'

Circulate 30 bbls Cement to Surface

7" 23#, J-55 Casing set @ 263'  
Cmt with 106cf (Circulated to Surface)

313  
Plug #3: 176' - 0'  
Type III cement, 15' sxs

Plug #2: 1380' - 1075'  
Type III cement, 24 sxs

DV Tool @ 1864'  
Cement with 260 sxs (620 cf)  
Circulate 30 bbls to surface.

Plug #1: 2173' - 1814'  
Type III cement, 28 sxs

4.5" 11.6#, Casing set @ 2217'  
No Cement, due to lost circulation  
while drilling.