

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RECEIVED

JUN 17 2010

Bureau of Land Management  
Durango, Colorado

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

Unit P (SESE), 810' FSL & 670' FEL, Section 36, T31N, R14W, NMPM

5. Lease Number  
MOO-C-1420-0626  
6. If Indian, All. or  
Tribe Name  
Ute Mtn Ute  
7. Unit Agreement Name

8. Well Name & Number  
Pinon Mesa A 100

9. API Well No.  
30-045-32071

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

Type of Action

☒ Notice of Intent ☒ Abandonment ☐ Change of Plans ☒ Other -  
☐ Recompletion ☐ New Construction  
☐ Subsequent Report ☐ Plugging ☐ Non-Routine Fracturing  
☐ Final Abandonment ☐ Casing Repair ☐ Water Shut off  
☐ Altering Casing ☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Burlington Resources wishes to P&A this wellbore per attached procedures and wellbore schematic.

RCVD JUL 2 '10  
OIL CONS. DIV.  
DIST. 3

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

Signed Rhonda Rogers Rhonda Rogers Title Staff Regulatory Technician Date 6/11/10

(This space for Federal or State Office use)

APPROVED BY [Signature]

Title Amisc

Date 6/20/10

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.

SEE ATTACHED  
CONDITIONS OF APPROVAL

RMOC

## PLUG AND ABANDONMENT PROCEDURE

June 10, 2010

### Pinon Mesa A #100

Basin Fruitland Coal

810' FSL, 670' FEL, Section 36, T31N, R14W, San Juan County, New Mexico

API 30-045-32071 / Long:\_\_\_\_\_ N / Lat:\_\_\_\_\_ W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 9.0 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. This project requires a NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes\_\_\_\_, No X, Unknown\_\_\_\_.  
Tubing: Yes X, No\_\_\_\_, Unknown\_\_\_\_, Size 2-3/8", Length 1245'.  
Packer: Yes\_\_\_\_, No X, Unknown\_\_\_\_, Type\_\_\_\_.  
If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.
4. **Plug #1 (Pictured Cliffs top and Fruitland Coal interval, 1480' - 1380')**: TIH and tag existing CIBP at 1480'. Load casing with water and circulate well clean. Pressure test casing to 800#. *If the casing does not test, then spot or tag subsequent plugs as appropriate.* Mix 12 sxs Class B cement and spot a balanced plug inside the casing above the CR to isolate the PC top and FtC interval. PUH.
5. **Plug #2 (Kirtland, Ojo Alamo tops and 7" surface casing shoe, 700' - 0')**: Mix 70 sxs Class B cement and spot balanced plug inside casing to cover Kirtland, Ojo Alamo tops and 7" casing shoe, circulate good cement out casing valve. Top off annulus with cement. TOH and LD tubing. SI well and WOC.
6. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

# Pinon Mesa A #100

## Current

Basin Fruitland Coal

810' FSL & 670' FEL, Section 36, T-31-N, R-14-W, San Juan County, NM

Long: \_\_\_\_\_ N Lat \_\_\_\_\_ W / API 30-045-32071

Today's Date: 6/10/10

Spud: 1/25/04

Comp: 4/20/04

Elevation: 5853' GI  
5861' KB

Ojo Alamo @ 440' \*est

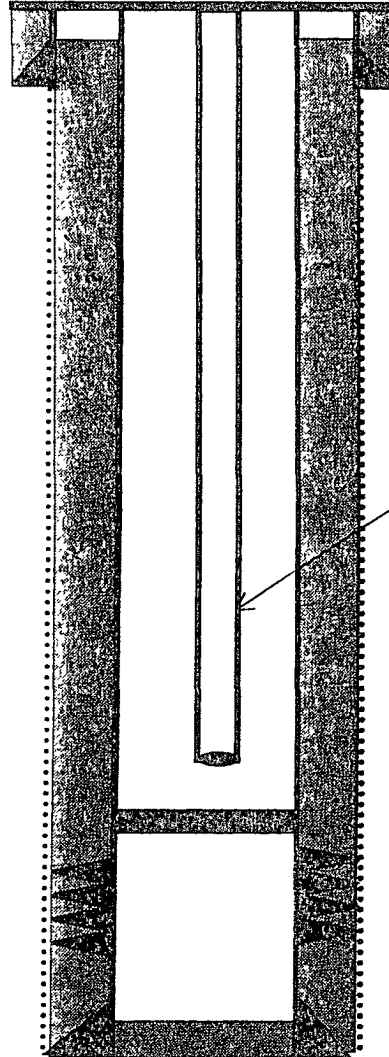
Kirtland @ 595' \*est

Fruitland @ 1445'

Pictured Cliffs @ 1686'

8.75" Hole

6.25" Hole



TOC @ 95' (CBL)

7" 29#, Casing set @ 137'  
Cement with 83 sxs, circulated to surface

2-3/8" tubing @ 1245'  
(40 jts, J-55, \$.7# with landing collar @ 1246')

Set CIBP @ 1480' (2006)

Fruitland Coal Perforations:  
1498' - 1680'

4.5" 11#, J-55 Casing @ 1880'  
Cement with 213 sxs (386 cf)

1890' TD  
1836' PBD

# Pinon Mesa A #100

## Proposed P&A

Basin Fruitland Coal

810' FSL & 670' FEL, Section 36, T-31-N, R-14-W, San Juan County, NM

Long: \_\_\_\_\_ N Lat \_\_\_\_\_ W / API 30-045-32071

Today's Date: 6/10/10  
Spud: 1/25/04  
Comp: 4/20/04  
Elevation: 5853' GI  
5861' KB

Ojo Alamo @ 394'est

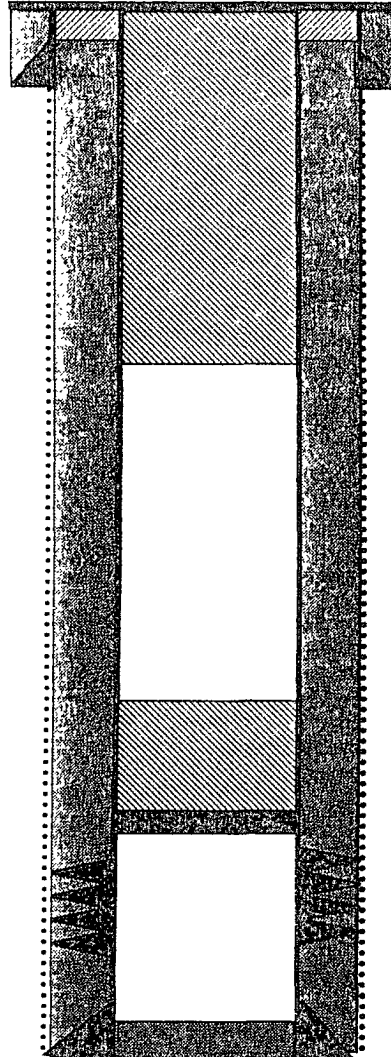
Kirtland @ 650'est

Fruitland @ 1445'

Pictured Cliffs @ 1686'

8.75" Hole

6.25" Hole



TOC @ 95' (CBL)

7" 29#, Casing set @ 137'  
Cement with 83 sxs, circulated to surface

**Plug #2: 700' – 0'**  
Class B cement, 70 sxs

**Plug #1: 1480' – 1380'**  
Class B cement, 12 sxs

Set CIBP @ 1480' (2006)

Fruitland Coal Perforations:  
1498' – 1680'

4.5" 11#, J-55 Casing @ 1880'  
Cement with 213 sxs (386 cf)

1890' TD  
1836' PBD

**Burlington Resources Oil & Gas Company**  
**Tribal Lease: MOO-C-1420-0626**  
**Well: Pinon Mesa A #100**  
**Location: 810' FsL & 670' FEL**  
**Sec. 36, T. 31 N., R. 14 W.**  
**San Juan County, New Mexico**

**3160**

**Conditions of Approval - Notice of Intent to Abandon:**

1. Notify this office at least **72 hours** prior to commencing plugging operations.
2. Approval of this Notice of Intent to Abandon (NIA) is for down hole plugging only.
3. Materials used will be accurately measured.
4. A tank or approved pit must be used for containment of any fluids from the wellbore during plugging operations. All unattended pits are to be fenced.
5. Pits are not to be used for disposal of any unauthorized materials.
6. All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.
  - 6a. Cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100 ft. of the casing or annular void(s) between casings, plus 10% excess volume per 1000 ft. of depth.**
  - 6b. Surface plugs must be a minimum of 50 ft. within casing and annular voids.**
  - 6c. Cement plugs placed to fill an open hole shall have sufficient volume to fill a minimum of 100 ft. of open hole, plus 10% excess volume per 1000 ft. of depth.**
7. The well must be filled with a wellbore mud sufficient to stabilize the wellbore. In the absence of any formation pressure data provided by the operator, this mud will have a minimum weight of **9 ppg**. The mud must be left between all plugs.

Continued on Page 2.

8. A blowout preventer and related equipment shall be installed and tested prior to working in a wellbore with any exposed zones (a) that are overpressured, (b) where pressures are unknown, or (c) known to contain H<sub>2</sub>S.

9. Within 30 days after plugging of the well, file 5 copies of a Subsequent Report of Abandonment Sundry Notice to this office. This report should include the following information:

- a. Date(s) of plugging operations.
- b. Procedure used to plug the well.
- c. Depth of plugs.
- d. Type and volume of plugs set.
- e. Casing types/lengths left in the well.

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### **Surface Use Conditions of Approval:**

**This approval is for the completion of the downhole plugging portion of the well only. Surface reclamation must be completed, weed free vegetation established, and site accepted by the BIA prior to closure and bond release.**

**The Bureau of Land Management, SJPLC ([david\\_swanson@co.blm.gov](mailto:david_swanson@co.blm.gov) or 970.385.1370) shall be notified at least 48 hours prior to commencement of surface reclamation. The BIA-UMU (970.565-6094) and UMU Tribal Energy at 970.564-5690 prior to surface reclamation procedures for specific requirements and seed mixtures.**

- The pits and boreholes shall be filled, access road restored, surface re-contoured to blend with surrounding terrain, top soil evenly redistributed.
- Well equipment, dead-men, concrete slabs, cables, piping and trash shall be removed, slash piles chipped and scattered.
- The site shall require weed control, soil preparation and reseeding with a BIA approved seed mix and shall be monitored for self-sustaining growth. **A full list of "Oil and Gas Well Surface Reclamation" requirements is available through the BLM.**

According to the regulations in 43 CFR 3162.3-4, a well site is to be reclaimed and re-vegetated directly following plugging. The BLM-SJRA stipulates that **surface reclamation** be completed within 180 days of final plugging operation completion. When re-vegetation has subsequently been re-established, BLM shall be notified by the operator with a Final Abandonment Notice. A field inspection will then be arranged between the SUIT/UMU Tribe, the BLM and the respective BIA agency, so that the well pad can be inspected for release from bond liability.