

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

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

2005 JUN 30 PM 4 07

RECEIVED
070 FARMINGTON NM

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 A (NENE), 930' FNL & 790' FEL, Sec. 34, T30N, R8W, NMPM

5. **Lease Number**
SF-078385-A

6. **If Indian, All. or
Tribe Name**

7. **Unit Agreement Name**

8. **Well Name & Number**

Howell L #304

9. **API Well No.**

30-045-28791

10. **Field and Pool**

Basin Fruitland Coal

11. **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 : Commingle

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 6/30/05

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

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.

NMOC

**Howell L #304 – Fruitland Coal
PLUG AND ABANDONMENT PROCEDURE**

930' FNL & 790' FEL

NE Section 34, T030N, R008W

Latitude: N 36 46.374', Longitude: W 107 39.348"

AIN: 3053501

6/29/2005

Note: All cement volumes use 100% excess outside casing and 50 foot excess inside casing. 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/or test rig anchors. Prepare and line blow pit. Comply with all BLM, NMOCD and Burlington safety rules and regulations. MO and RU daylight pulling unit. ND wellhead and NU BOP, test BOP.
2. TOH and tally 84 joints 2-3/8" EUE tubing, total 2627'. Visually inspect tubing and if necessary use a workstring. Round-trip 7" gauge ring or casing scraper to 2605'.
3. **Plug #1 (Fruitland Coal interval and top and liner top, 2931' - 2580')**: ³⁸TIH and set a 7" cement retainer at 2600'. Load the casing with water and circulate well clean. Pressure test 7" casing to 800#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix and pump 106 sxs Type III cement, squeeze 88 sxs under the CR to fill the Fruitland open hole interval and cover the liner top, then spot 18 sxs above the CR to cover the Fruitland top. PUH to 2037'.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 2037'- 1737')**: Mix 61 sxs Type III cement and spot balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH to 605'.
5. **Plug #3 (Nacimiento top, 654' – 554')**: Mix 26 sxs Type III cement and spot balanced plug inside casing to cover the Nacimiento top. PUH to 263'.
6. **Plug #4 (Surface, 291' – Surface)**: Pressure test the bradenhead annulus top 300#. If it tests, then mix 51 sxs Type III cement and spot balanced plug inside casing from 291' to surface, circulate good cement out casing valve. TOH and LD tubing. If it does not test then perforate and cement as appropriate.
7. 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.

Recommended: _____

Operations Engineer

Approved: _____

Sr. Rig Supervisor

Sundry Required: YES

Approved: _____

Regulatory

Operations Engineer: Julian Carrillo
Foreman: Lary Byars
Lease Operator: Kenny Culbertson
Specialist: Jim Peace

Office: 599-4043 Cell: 320-0321
Office: 326-9865 Cell: 320-2452
Cell: 320-2545 Pager: 326-8911
Cell: 320-0210 Pager: 326-8548

SPUD DATE: 11/15/92
COMPLETION DATE: 2/26/93

Howell L #304
Township 030N Range 008W
Section 34 930' FNL & 790' FEL
San Juan New Mexico

API: 30045287910000
AIN: 3053501

FORMATION TOPS:

| | |
|-----------------|--------|
| Ojo Alamo | 1,787' |
| Kirtland | 1,987' |
| Fruitland Coal | 2,707' |
| Pictured Cliffs | 2,929' |

Current Wellbore

STATUS: Open - No Flow

9.625 36 set @ 241
Cemented with 180 sxs to Surf

TUBING RECORD:
2.875 6.5 J55 2627

7 23# set @ 2735'
Cemented with 545sx to Surf

5.5 23 set from 2850 to 2931
Did not Cmt

PERFORATIONS:

Pre Drilled Liner
2750 - 2931'

PBTD= 2,931'

*Note: PBTD in orig. drlg reports is 2931' and no indication of drilling any further. 2003 reports PBTD of 2981' but likely a typo.

6/29/2005

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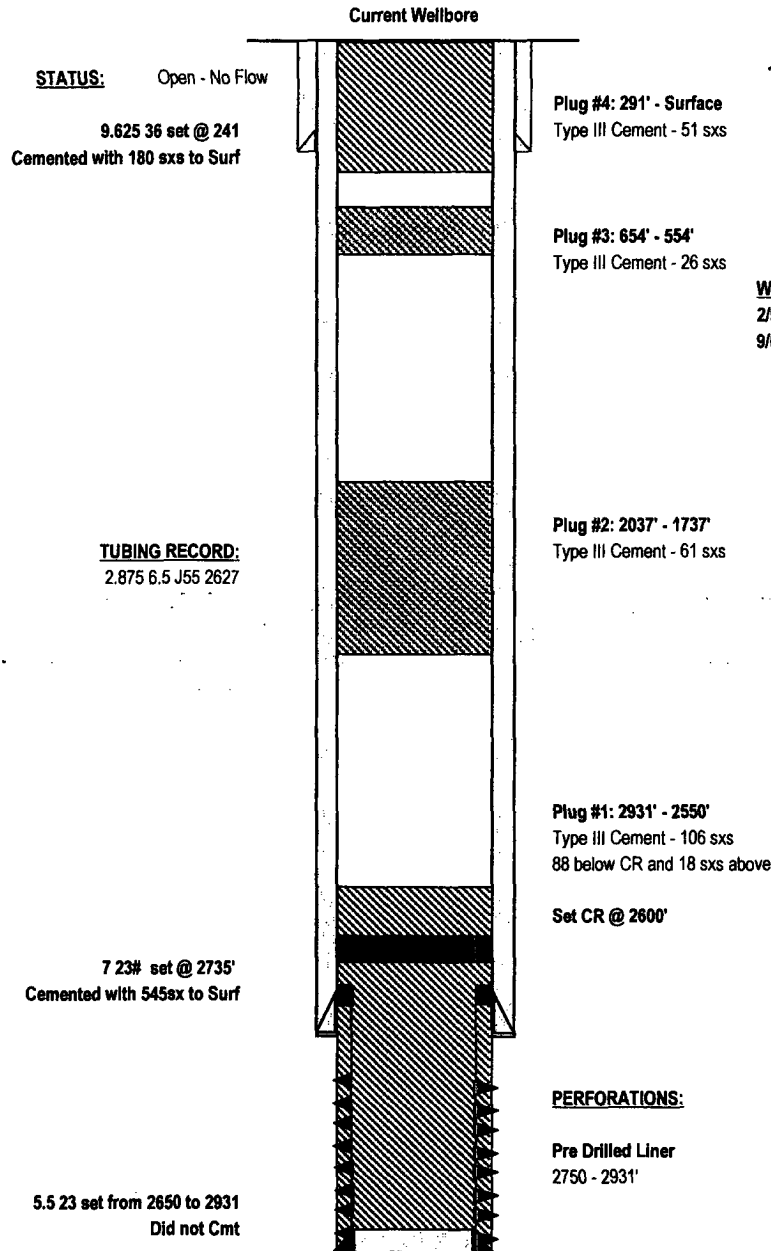
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Section 34 930' FNL & 790' FEL
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|-----------------|--------|
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WORKOVER HISTORY

2/93 - Run Pre Drilled Liner
9/03 - Liner Hanger Leaking - T & A Well

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