

submitted in lieu of Form 3160-5

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

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

790' FNL, 1850' FEL, Sec. 8, T-30-N, R-8-W, NMPM

5. Lease Number  
SF-078580

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Howell A #303

9. API Well No.  
30-045-28746

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

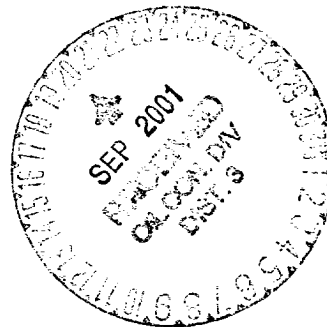
13. Describe Proposed or Completed Operations

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 8/30/2001.

RECEIVED

2001 AUG 31 AM 9:47

070 Farmington, NM



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

Signed Tammy Wimsatt Title Regulatory Supervisor Date 8/30/01  
TLW

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date 9/18/01

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.

NMOCD

## PLUG AND ABANDONMENT PROCEDURE

### Howell A #303

AIN #2881901

Basin Fruitland Coal

790' FNL and 1850' FEL / NE, Sec. 8, T30N, R8W

SJ County, New Mexico API #30-045-28746

Long: 107 Deg 24.864 / Lat: 36 Deg 29.7

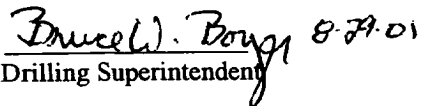
Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

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" EUE tubing with F-nipple, total 3062'. Visually inspect tubing; if necessary LD and PU workstring. Round-trip 7" gauge ring or casing scraper to 2801', or as deep as possible.
3. **Plug #1 (Fruitland Coal open hole interval and top, 2801' - 2701')**: Set 7" wireline CIBP ~~or cement retainer~~ with tubing at 2801'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as necessary. Mix 29 sxs cement and spot a balanced plug above the CIBP inside the casing to isolate the Fruitland Coal zone. PUH to 2180'.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 2180' - 1890')**: Mix 66 sxs cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. PUH to 800'.
5. **Plug #3 (Nacimiento top, 800' - 700')**: Mix 29 sxs cement and spot a balanced plug inside casing to cover the Nacimiento top. PUH to 283'.
6. **Plug #4 (9-5/8" surface casing, 283' - Surface)**: Mix and spot a balanced plug with approximately 60 sxs cement from 283' to surface, circulate good cement out casing valve. TOH and LD tubing. Shut in well and WOC.
7. 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

Approved:

  
Drilling Superintendent

Reg Approval:



Required: Yes ☒ No ☐

Operations Engineer:

Kevin W Book  
BR Office - 326-9530  
Pager - 326-8452  
Home - 326-6236

Lease Operator: Rick McDaniel  
Foreman: Hans Dube

Cell: 320-2549  
Office: 326-9818

Pager: 326-8777  
Cell: 320-4925

Pager: 949-2664

# Howell A #303

Current

AIN #2881901

Basin Fruitland Coal

NE, Section 8, T-30-N, R-8-W, San Juan County, NM

API # 30-045-28746

Lat: 36 Deg, 29.7 Long: 107 Deg, 24.864

Today's Date: 08/28/01

Spud: 9/25/92

Completed: 10/10/92

Elevation: 6349' GL

Nacimiento @ 750' \*  
(\* Estimate)

Ojo Alamo @ 1940'

Kirtland @ 2130'

Fruitland @ 2840'

12-1/4" hole

8-3/4" hole

6-1/4" hole

Circulated 45 bbls Cement to Surface

9-5/8" 36#, K-55 Casing set @ 233'  
Cmt w/248 cf (Circulated to Surface)

## WELL HISTORY

Aug '98: Pull tubing; round-trip 7" gauge ring to 2850'. Set a 7" RBP at 2780'. Load casing and PT to 500#, held OK. TOH with RBP, Blow well and clean out. Land tubing.

2-3/8" Tubing set at 3062'  
(98 joints, EUE with F-Nipple)

7" 20#, K-55 Casing set @ 2851'  
Cement with 1074 cf

Fruitland Coal Open Hole:  
2851' - 3152'

TD 3152'

# Howell A #303

Proposed P&A

AIN #2881901

Basin Fruitland Coal

NE, Section 8, T-30-N, R-8-W, San Juan County, NM

API # 30-045-28746

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Today's Date: 08/28/01

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Circulated 45 bbls Cement to Surface

9-5/8" 36#, K-55 Casing set @ 233'  
Cmt w/248 cf (Circulated to Surface)

**Plug #4 283' - Surface**  
Cement with 60 sxs

**Plug #3 800' - 700'**  
Cement with 29 sxs

**Plug #2 2180' - 1890'**  
Cement with 66 sxs

**Plug #1 2801' - 2701'**  
Cement with 29 sxs

**Set CIBP @ 2801'**

7" 20#, K-55 Casing set @ 2851'  
Cement with 1074 cf

Fruitland Coal Open Hole:  
2851' - 3152'

TD 3152'