

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

1580' FSL, 1760' FEL, Sec. 34, T-30-N, R-8-W, NMMP

5. Lease Number
SF-078385A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Howell L #302

9. API Well No.
30-045-26875

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.

RECEIVED
FEB 11 1998

OIL CON. DIV.
DIST. 3

FILED
FEB 11 1998
OIL CON. DIV. NM

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

Signed Mary L. Williams (MEL6) Title Regulatory Administrator Date 2/2/98

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. Spencer Title _____

Date FEB - 9 1998

CONDITION OF APPROVAL, if any:

PLUG AND ABANDONMENT PROCEDURE

1-22-98

Howell L #302

Basin Fruitland Coal

1580' FSL and 760' FEL / SE, Sec. 34, T30N, R8W
San Juan County, New Mexico

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.

1. Install and test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Burlington safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP
3. POH and tally 2-3/8" tubing (94 joints, 3019'); visually inspect the tubing. If necessary LD tubing and PU 2" workstring. Run 4-1/2" gauge ring or casing scraper to 2880'.
4. **Plug #1 (Fruitland Coal Perforations and liner top, 2880' - 2654')**: PU and RIH with 4-1/2" wireline CIBP and set at 2880'. TIH with open ended tubing to 2880' and tag CIBP. Load casing with water and pressure test to 500#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 33 sxs Class B cement and spot a balanced plug above the CIBP to cover the liner top. POH to 2193'.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 2193' - 1933')**: Mix 60 sxs Class B cement and spot balanced plug inside casing over Ojo Alamo top. POH to 261'.
6. **Plug #3 (9-5/8" Casing Shoe at 211')**: Attempt to pump into bradenhead annulus up to 500#, if holds then set plugs #3 and #4. If bradenhead does not hold pressure then perforate at 261' and circulate cement to surface. Mix 29 sxs Class B cement and spot balanced plug inside casing over 9-5/8" casing shoe. POH and LD tubing.
7. **Plug #4 (Surface)**: Perforate 2 squeeze holes at 50'. Establish circulation out bradenhead valve. Mix and pump approximately 18 sxs Class B cement down 7" casing and circulate good cement out bradenhead valve. Shut in well and WOC.
8. ND BOP and cut off well head 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: M E. Kutney
Operations Engineer

Approval: _____
Drilling Superintendent

Howell L #302

Current

DP #3003A

Basin Fruitland Coal

SE Section 34, T-30-N, R-8-W, San Juan County, NM

Long: / Lat:

Today's Date: 1/22/98

Spud: 4/9/88

Completed: 4/30/88

Elevation: 6303' (GL)

6316' (KB)

Logs: IEL, CCL-GR-CBL

Workovers: Apr '89

12-1/4" Hole

TOC @ 175' (TS)

9-5/8" 32.3# H-40 Csg set @ 211'
Cmt w/130 cf (Circulated to Surface)

Workover History

Apr '89: Pull tubing and 5-1/2" liner; CO and drill to 3180'; cement 4-1/2" liner; PT liner top and then sqz with 50 sxs; CO to 3136'; PT OK; perf and frac Ft Coal zones; CO w/air, after frac log showed majority in PC; set CR at 3040'; blow clean and land tubing.

Ojo Alamo @ 1983'

2-3/8" Tubing set at 3019'
(94 jts, 4.7#, EUE)

Kirtland @ 2143'

Fruitland Coal @ 2795'

Liner Top @ 2704'

TOC @ 2880' (CBL) then liner top squeezed with 50 sxs (April 1989)

7" 20#, K-55 Casing set at 2872'
Cemented with 490 sxs (871 cf)

Fruitland Coal Perforations:
2926' - 3060' (April 1989)

CR @ 3040' (April 1989)

4-1/2" 10.5#, K-55 Casing Liner set at 3180' to 2704'
Cemented with 80 sxs (104 cf)
Liner top squeezed with 50 sxs (April 1989)

8-3/4" Hole

PBTD 3040'

6-1/4" Hole

TD 3180'