

RECEIVED
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

67 JUL 24 1997
 Sundry Notices and Reports on Wells

070 FARMINGTON, NM

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

1820' FSL, 1190' FEL, Sec. 8, T-30-N, R-8-W, NMPM
 I

5. Lease Number
 SF-078580

6. If Indian, All. or
 Tribe Name

7. Unit Agreement Name

8. Well Name & Number
 Howell A #302

9. API Well No.
 30-045-26931

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

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☐ Other -

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

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OIL CON. DIV.
 DIST. 3

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

Signed Wayne Townsend (MEL6) Title Regulatory Administrator Date 7/23/97

(This space for Federal or State Office use)

APPROVED BY WAYNE TOWNSEND Title Pct. Engr Date 7/31/97

CONDITION OF APPROVAL, if any:

PLUG AND ABANDONMENT PROCEDURE

6/9/97

Howell A #302
Basin Fruitland Coal
1820' FSL and 1190' FEL / SE, Sec. 8, 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 with 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 to 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 (97 joints, 3157'); visually inspect the tubing. If necessary LD tubing and PU 2" workstring.
4. **Plug #1 (Pictured Cliffs top, Fruitland Coal perforations and top, and liner top, 3185'-2714')**: RIH with open ended tubing to 3185', or as deep as possible. Pump 20 bbls water down tubing. Mix 78 sxs Class B cement and spot a balanced plug inside the liner and 7" casing. POH to 1500'. Shut in well and WOC. RIH and tag cement. Load casing with water and pressure test to 500#. POH to 2072'.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 2072' - 1840')**: Mix 54 sxs Class B cement and spot balanced plug inside casing over Ojo Alamo top. POH to 277'.
6. **Plug #3 (Surface Casing at 227')**: Establish circulation out casing valve. Mix and pump approximately 53 sxs Class B cement down tubing to fill casing from 277' to surface, circulate good cement out casing valve. POH and LD tubing. Shut in well and WOC.
7. 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. Harty
Operations Engineer

Approval:

W.J.L. 7/23
Drilling Superintendent

Howell A #302

Proposed P&A

DP #3129A

Basin Fruitland Coal

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

Long: / Lat:

Today's Date: 6/9/97

Spud: 6/5/88

Completed: 7/1/88

Elevation: 6399' (GL)

Legs: CCL-GR-CBL

Workovers: Dec. '89 & Feb. '90

Nacimiento @ Surface

Ojo Alamo @ 1890'

Kirtland @ 2022'

Fruitland Coal @ 2822'

Pictured Cliffs @ 3180'

12-1/4" Hole

8-3/4" Hole

6-1/4" Hole

Cement circulated to surface

9-5/8" 36# K-55 Csg set @ 227'
Cmt w/179 cf (Circulated to Surface)

Plug #3 277' - Surface
Cmt with 53 sxs Class B

Plug #2 2072' - 1840'
Cmt with 54 sxs Class B

Plug #1 3185' - 2714'
Cmt with 78 sxs Class B,
(50% excess, long plug)

Liner Top @ 2764'

TOC @ Liner Top

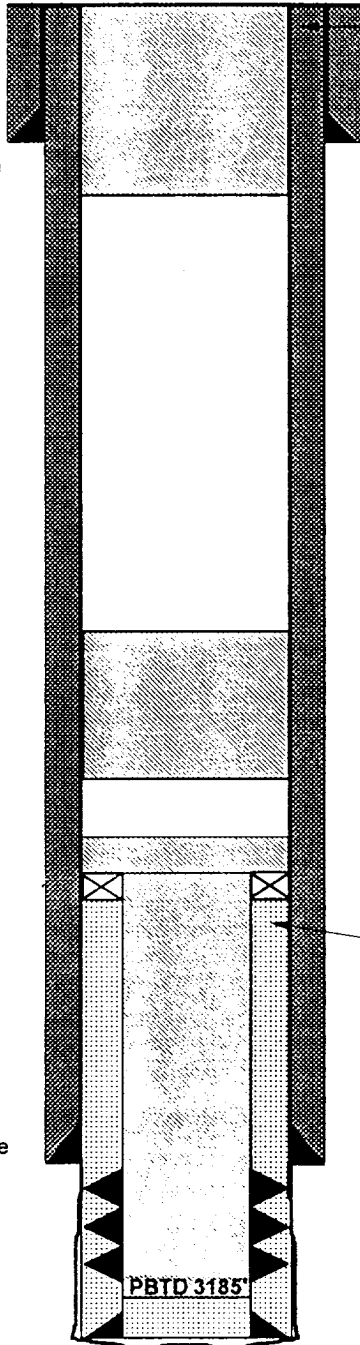
7" 20#, K-55 Casing set @ 2958'
Cmt w/ 1073 cf

Fruitland Coal Perforations:
2961' - 3156' (4 SPF)

4-1/2" 10.5#, J-55 Casing set @ 3203'
Cmt with 109 cf
(Reversed 9 bbls cement above liner)

PBTD 3185'

TD 3205'



Howell A #302

Current

DP #3129A

Basin Fruitland Coal

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

Long: / Lat:

Today's Date: 6/9/97

Spud: 6/5/88

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Pictured Cliffs @ 3180'

12-1/4" Hole

8-3/4" Hole

6-1/4" Hole

Cement circulated to surface

9-5/8" 36# K-55 Csg set @ 227'
Cmt w/179 cf (Circulated to Surface)

Workover History

Dec '89: Drill out open hole interval to 3205';
cement 4-1/2" liner; perf FtC zones from 2961'
to 3156'; fish wireline tools and mill out tight
spot 3113' to 3120'; land tubing.

Feb '90: Acidize and frac FtC perforations;
land tubing at 3159'.

Mar '90: clean out 4' of fill; blow well, no gas.

2-3/8" Tubing set at 3157'
(97 jts, 4.7# EUE)

Liner Top @ 2764'

TOC @ Liner Top

7" 20# K-55 Casing set @ 2958'
Cmt w/ 1073 cf

Fruitland Coal Perforations:
2961' - 3156' (4 SPF)

4-1/2" 10.5# J-55 Casing set @ 3203'
Cmt with 109 cf
(Reversed 9 bbls cement above liner)

PBTD 3185'

TD 3205'