

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

920' FNL, 995' FEL, Sec. 25, T-30-N, R-8-W, NMPM

5. Lease Number  
SF-078385-A

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Howell L #6

9. API Well No.  
30-045-29648

10. Field and Pool  
Blanco Pict'd Cliffs

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  
2001 JUN 20 PM 1:45  
070 Farmington

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

Signed [Signature] Title Regulatory Supervisor Date 6/20/01  
TLW

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date 7/12/01

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

**Howell L #6**  
**PLUG & ABANDONMENT PROCEDURE**  
6/18/01  
AIN #6469401  
Blanco Pictured Cliffs  
920' FNL & 995' FEL / NE, Section 25, T-30-N, R-8-W  
San Juan Co., New Mexico, API #30-045-29648  
Lat: 36 - 47.2554' / -107 - 37.2774'

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 is ASTM Type II, (15.6ppg, 1.18 cf/sx).

1. Install and/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations. MOL and RU daylight pulling unit. Lay relief line and blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.
2. Round-trip 4-1/2" gauge ring or casing scraper to 3035'. Prepare 2-3/8" tubing workstring.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland top, 3035' - 2705')**: Set 4-1/2" wireline CIBP at 3035'. TIH with open ended tubing and tag bridge plug. 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 appropriate. Mix 29 sxs cement and spot a balanced plug inside casing above CIBP to isolate Pictured Cliffs perforations and to cover the Fruitland top. PUH to 2190'.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 2190' - 1982')**: Mix 20 sxs cement and spot balanced plug inside casing to cover Kirtland and Ojo Alamo tops. PUH to 450'.
5. **Plug #3 (Nacimiento top, 500' - 400')**: Mix 12 sxs cement and spot balanced plug inside casing to cover the Nacimiento top. PUH to 269'.
6. **Plug #4 (269' to Surface)**: Mix 30 sxs cement and spot a balanced plug inside casing from 269' to surface, circulate good cement out casing valve. TOH and LD tubing. SI 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: *J. Miller* 6-19-01  
Operations/Engineer

Approved: \_\_\_\_\_  
Drilling Superintendent

Reg Approval: *James Cole* 6-19-01

Required: Yes X No \_\_\_\_\_

P&A Procedure due: 6/21/01

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

Lease Operator: Leroy Serrano Cell: 320-1364 Pager: 324-7440  
Foreman: Hans Dube Office: 326-9818 Cell: 320-4925 Pager: 949-2664

# Howell L #6 Current

AIN 6469401

Blanco Pictured Cliffs

NE, Section 25, T-30-N, R-8-W, San Juan County, NM

API # 30-045-29648

Lat: 36 – 47.2554' / Long: -107 – 37.2774'

Today's Date: 06/14/01

Spud: 10/07/98

Completed: 11/23/98

Elevation: 6228' GL  
6238' KB

Nacimiento @ 450'  
(Estimated)

Ojo Alamo @ 2032'

Kirtland @ 2140'

Fruitland Coal @ 2755'

Pictured Cliffs @ 3076'

8-3/4" hole

6-1/4" Hole

PBTD 3349

TD 3390'

Top of Cmt at Surface (1998 CDT)

7" 20# Casing Set @ 219'  
Cement with 136 cf (Circulated to Surface)

No record of tubing in this well.

Pictured Cliffs Perforations:  
3085' –3147'

4-1/2" 10.5#, J55 Casing Set @ 3381'  
Cement with 750 cf  
Circulate 5 bbls of cement to surface

# Howell L #6

Proposed P&A  
AIN 6469401

Blanco Pictured Cliffs

NE, Section 25, T-30-N, R-8-W, San Juan County, NM

API # 30-045-29648

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Ojo Alamo @ 2032'

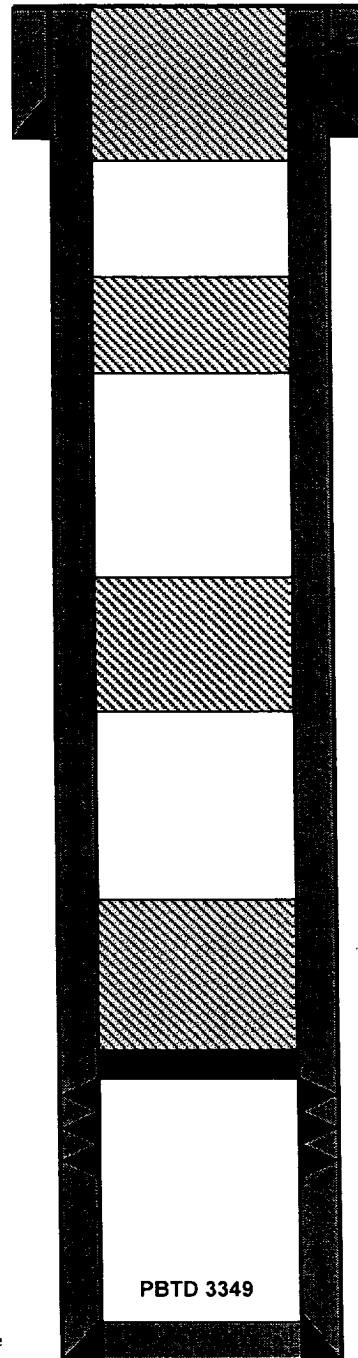
Kirtland @ 2140'

Fruitland Coal @ 2755'

Pictured Cliffs @ 3076'

8-3/4" hole

6-1/4" Hole



Top of Cmt at Surface (1998 CDT)

7" 20# Casing Set @ 219'  
Cement with 136 cf (Circulated to Surface)

Plug #4 269' - Surface  
Cement with 30 sxs

Plug #3 550' - 400'  
Cement with 12 sxs

Plug #2 2190' - 1982'  
Cement with 20 sxs

Plug #1 3035' - 2705'  
Cement with 29 sxs

Set CIBP @ 3035'

Pictured Cliffs Perforations:  
3085' - 3147'

4-1/2" 10.5# J55 Casing Set @ 3381'  
Cement with 750 cf  
Circulate 5 bbls of cement to surface

TD 3390'