

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

Sundry Notices and Reports on Wells

2002 SEP 17 PM 2:14

1. Type of Well  
GAS

5. Lease Number

NMNM-012708

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

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

8. Well Name & Number

Howell E #3

9. API Well No.

30-045-21590

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

1800' FSL, 1050' FWL, Sec. 29, T-30-N, R-8-W, NMPM

10. Field and Pool

Blanco Pictured 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.

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

Signed Reggie Cole Title Regulatory Supervisor Date 9/16/02

TLW

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date 9/19/02

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.

NMOCO

HOWELL E 3  
Pictured Cliffs Formation  
1800' FSL & 1050' FWL  
Unit L, Sec. 29, T30N, R08W  
Latitude / Longitude: N36°46.818' / W107°42.174'  
San Juan County, New Mexico  
AIN: 4394301

8/8/02 Plug and Abandonment Procedure

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. 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 and line blow pit. Comply with all NMOC, BLM and Burlington safety rules and regulations. MO and RU daylight pulling unit. ND wellhead and NU BOP, test BOP. PU workstring 1-1/4". Round-trip 2.347" gauge ring or casing scraper to 2682'.
2. **Plug #1 (Pictured Cliffs perforations and Fruitland top (2212 - 2525')):** TIH with workstring and set a cement retainer for 2-7/8" 6.4# J-55 casing at 2525'. Pressure test tubing to 1000#. 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 10 sxs cement (12 cuft) and spot a balanced plug inside casing above the CR to isolate the Pictured Cliffs perforations and Fruitland top. PUH with tubing to 1621.
3. **Plug #2 (Kirtland and Ojo Alamo tops, 1338 - 1621'):** Mix 10 sxs (11 cuft) cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo tops. TOOH with tubing.
4. **Plug # (Nacimiento top and 8-5/8" surface casing, 208'-Surface):** Perforate 3 HSC squeeze holes at 208'. Establish rate into squeeze holes if casing tested. Establish circulation out Bradenhead with H2O. Mix and pump 96 sxs cement (112 cuft), squeeze 87 sxs cement (103 cuft) outside 2-7/8" casing and leave 8 sxs cement (9 cuft) inside casing to cover the Nacimiento top. TOH and LD tubing.
5. 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: Mike Wardinsky 9/12/02  
Operations Engineer  
Mike Wardinsky

Approved: Bruce D. Boyer 9-12-02  
Drilling Manager  
Bruce Boyer

Sundry Required: YES NO

Approved: Peggy Cole 9-16-02  
Regulatory  
Peggy Cole

Operations Engineer:	Mike Wardinsky	Office: 599-4045	Cell: 320-5113
Lease Operator	Leroy Serrano		Cell: 320-1364 Pager: 324-7440
Specialist:	Les Hepner		Cell: 320-2531 Pager: 327-8619
Foreman:	Hans Dube	Office: 326-955	Cell: 320-4925 Pager: 949-2664

MHW/clc

# HOWELL E 3

## WellView - Schematic

Asset ID Number 4394300	Property Number 012565300	Operator BURLINGTON RESOURCES O&G CO LP	County SAN JUAN	State NM
KB Elev (ft) 0.00	Ground Elev (ft) 5865.00	RigKB-Ground Distance (ft) -5865.00	Plug Back 2,683.0	Total Depth (ftKB) 2,683.0
Spud Date 12/16/74	Location Sect: 029, Twp: 030N, Rg: 008W, Poly: L, NMPM	NS Dist. (ft) 1050.0	NS Flag FWL	EW Dist. (ft) 1800.0
		EW Flag FSL	Latitude (DMS) 36° 46'	Longitude (DMS) 107° 42'
			49.296° N	10.62° W

### Schematic

