

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 LP

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M  
1620' FNL, 1010' FEL, Sec.4, T-26-N, R-9-W, NMPM

5. Lease Number  
NMSF-03491  
6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

Huerfanito Unit  
8. Well Name & Number  
Huerfanito Unit #22R  
9. API Well No.  
30-045-30793  
10. Field and Pool  
Ballard Pictured Cliffs  
11. County and State  
San Juan Co, NM

2004 OCT 16 PM 2 38  
RECEIVED  
070 FARMINGTON NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.



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

Signed Nancy Oltmanns Title Senior Staff Specialist Date 10/18/04

(This space for Federal or State Office use)  
APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date OCT 29 2004  
CONDITION OF APPROVAL, if any:

## Huerfanito Unit #22R – Pictured Cliffs PLUG AND ABANDONMENT PROCEDURE

1620' FNL & 1010' FEL  
NE, Section 4, T026N, R009W  
Latitude: N36°31.338, Longitude: W107° 47.298  
**AIN83494001**

10/14/04

**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 is ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Set steel waste fluid tank. Comply with all NMOCD, BLM, and BR safety regulations. Conduct safety meeting for all personnel on location. NU relief line. Record casing and bradenhead pressures. Blow down well and kill with water as necessary. ND wellhead and install cementing valve.
2. Connect pump line to the bradenhead valve and load with water, record volume to fill. Pressure test the BH annulus to 300#. If the BH annulus does not hold pressure, then modify the following procedure as appropriate with approval from the BLM representative.
3. Establish rate down 2-7/8" casing with 20 bbls water, record pump rate and pressure. If the BH annulus did not test, then monitor the bradenhead for flow. If no flow or blow, then pump 10 - 7/8" RCN balls in additional water and monitor pressure, rate and volumes pumped, to confirm perforations are taking water and there is not a casing leak. If the bradenhead flows water or there are other indications of a casing leak, then MO and RU pulling unit to use 1-1/4" IJ tubing workstring to plug the well.
4. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland, Ojo Alamo tops, 2360' - Surface):** After establishing rate down the 2-7/8" casing with water, then mix and pump total of 76 sxs cement (long plug, 30% excess) and bullhead the down 2-7/8" casing: first pump 10 sxs cement, then drop 10 RCN balls, then pump 66 sxs cement, do not displace. Double valve and shut in well. WOC. Tag cement.
5. ND cementing valves and cut off wellhead. Fill 2-7/8" casing with cement as necessary. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:

*Julian Carrillo*  
Operations Engineer

Approved:

*John E. Fisher*  
Drilling Superintendent

Engineer: Julian Carrillo Office - (599-4043)  
Cell - (320-0321)

Sundry Required:

YES  NO

Approved:

*Nancy Oltmanns*

Lease Operator: Randy Smith  
Specialist: Johnny Cole  
Foreman: Joel Lee

Cell: 320-2611 Pager: 324-7533  
Cell: 320-2521 Pager: 326-8349  
Office: 324-6109 Cell: 320-2490

# Huerfanito Unit #22R

## Proposed P&A

Ballard Pictured Cliffs / AIN #83494001

1620' FNL & 1010' FEL, Section 4, T-26-N, R-9-W, San Juan County, NM

Long: N: 36° 31.338 / Lat: W: 107° 47.298 / API #30-045-30793

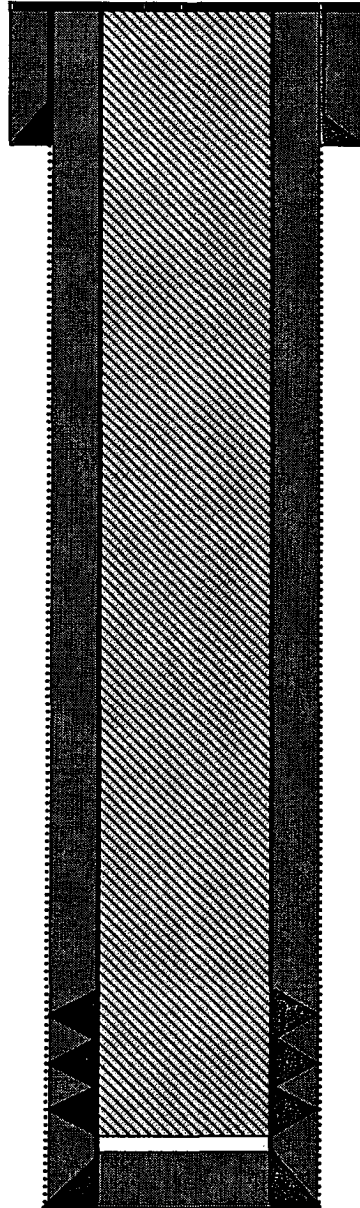
Today's Date: 10/14/04

Spud: 2/18/02

Completed: 3/7/02

Elevation: 6425' GL  
6437' KB

9-7/8" hole



Circulate 65 bbls Cement to Surface

7" 20# J-55 Casing set @ 142'  
Cement with 41cf (Circulated to Surface)

Plug #1: 2360' - 0'  
Type III cement, 76 sxs  
(30% excess, long plug)

Ojo Alamo @ 1272'

Kirtland @ 1434'

Fruitland @ 1839'

Pictured Cliffs @ 2175'

Pictured Cliffs Perforations:  
2177' - 2360'

6-1/4" Hole

2-7/8" 6.5#, J-55 Casing set @ 2417',  
Cement with 439 sxs (849 cf)  
Circulate 65 bbls of cement to surface

TD 2428'  
PBD 2386'

# Huerfanito Unit #22R

## Current

Ballard Pictured Cliffs / AIN #83494001

1620' FNL & 1010' FEL, Section 4, T-26-N, R-9-W, San Juan County, NM

Long: N: 36° 31.338 / Lat: W: 107° 47.298 / API #30-045-30793

Today's Date: 10/14/04

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Completed: 3/7/02

Elevation: 6425' GL  
6437' KB

9-7/8" hole

Circulate 65 bbls Cement to Surface

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Cement with 41cf (Circulated to Surface)

Ojo Alamo @ 1272'

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2177' - 2360'

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