

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

RCVD OCT30'06
OIL CONS. DIV.
DIST. 3

1. Type of Well
GAS

2006 OCT 24 10 10 00

RECEIVED
OYO PARTIAL

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
Sec., T—N, R—W, NMPM

Unit A (NENE), 1110' FNL & 945' FEL, Sec. 21, T26N, R9W NMPM

5. Lease Number
SF-078060
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
Huerfano Unit
8. Well Name & Number
9. API Well No.
Huerfano Unit #35R
10. Field and Pool
30-045-29729
11. County and State
Ballard Pictured Cliffs
Rio Arriba, 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
- ☐ Casing Repair
- ☐ Altering Casing
- ☐ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection

☐ Other :

13. Describe Proposed or Completed Operations

It is intended to Plug & Abandon the subject well according to the attached procedure and well bore diagrams.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed Philana Thompson Philana Thompson Title Regulatory Tech Date 10/24/06

(This space for Federal or State Office use)

APPROVED BY Wayne Wansford Title Pet. Eng. Date 10/27/06

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

Plug and Abandonment Procedure 10/23/06

Huerfano Unit #35R

Ballard Pictured Cliffs

1110' FNL, 945' FEL

NE, Sec. 21, T-26-N, R-9-W

Latitude: 36° 28.7' / Longitude: 107° 47.3'

AIN: 80270101

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

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and BROGC safety regulations. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and install valve.
2. Open bradenhead valve. Establish rate down 2.875" casing with 20 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If no flow or blow, then pump 6 - 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 this well.
3. Connect the pump line to the bradenhead valve. Load the BH annulus with water, note the volume. Pressure test the bradenhead annulus to 300#. If it tests, then continue to step 4. If the bradenhead annulus does not test, then set plug #1 in step 4, but displace to the appropriate depth with water down the 2.875" casing. After WOC, perforate at the appropriate depth. Establish circulation to surface out the bradenhead valve. Then circulate cement to fill the BH annulus to the surface, circulate cement out the bradenhead valve, shut in the casing and WOC.
4. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland, Ojo Alamo tops, 2023' - Surface')**: Establish rate into PC perforations with water. Mix and pump total of 65 sxs cement (long plug, 30% excess) and bullhead the down 2.875" casing: first pump 10 sxs cement, then drop 10 RCN balls, then pump 55 sxs cement and do not displace. Double valve and shut in well. WOC. Tag cement.
5. ND cementing valves and cut off wellhead. Fill 2.875" casing with cement as necessary. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: _____
Operations Engineer

Approved: _____
Drilling Superintendent

Prod Engineer Office - (324-5141)
Cell - (486-0046)

Sundry Required: YES NO

Approved: _____

Lease Operator: Jesse Randall
Specialist: Garry Nelson

Cell: 486-5033 Pager: 324-7692
Cell: 320-2565 Pager: 326-8597

Huerfano Unit #35R

Current

AIN #80270101

Ballard Pictured Cliffs

NE, Section 21, T-26-N, R-9-W, San Juan County, NM

Lat: N: 36° 28.7 / Long: W: 107° 47.3 / API #30-045-29729

Today's Date: 10/23/06

Spud: 3/24/99

Completed: 4/26/99

Elevation: 6362' GL
6374' KB

7-7/8" hole

Circulated Cement to Surface

5-1/2" 15.5# Casing set @ 135'
Cmt w/83 cf (Circulated to Surface)

Ojo Alamo @ ~~1400'~~ (est)
1079'

Kirtland @ ~~1288'~~
63

Fruitland @ 1742'

Pictured Cliffs @ 1976'

4-3/4" Hole

Pictured Cliffs Perforations:
1977' - 2023'

2-7/8" 6.5# Casing set @ 2195'
Cement with 370 cf
Circulated 20 bbls cement to surface

TD 2200'
PBD 2185'

Huerfano Unit #35R

Proposed P&A

AIN #80270101

Ballard Pictured Cliffs

NE, Section 21, T-26-N, R-9-W, San Juan County, NM

Lat: N: 36° 28.7 / Long: W: 107° 47.3 / API #30-045-29729

Today's Date: 10/23/06

Spud: 3/24/99

Completed: 4/26/99

Elevation: 6362' GL
6374' KB

7-7/8" hole

Circulated Cement to Surface

5-1/2" 15.5# Casing set @ 135'
Cmt w/83 cf (Circulated to Surface)

Plug #1: 2023' – Surface
Cement with 73 sxs
(30% excess – long plug)

Ojo Alamo @ 1100' (est)

Kirtland @ 1286'

Fruitland @ 1742'

Pictured Cliffs @ 1976'

Pictured Cliffs Perforations:
1977' – 2023'

4-3/4" Hole

2-7/8" 6.5# Casing set @ 2195'
Cement with 370 cf
Circulated 20 bbls cement to surface

TD 2200'
PBD 2185'



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington Field Office
1235 La Plata Highway, Suite A
Farmington, New Mexico 87401

Attachment to Notice of Intent for Permanent Abandonment:

Well: Huerfano Unit #35R

CONDITIONS OF APPROVAL:

- 1.) Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
- 2.) Farmington Field Office is to be notified at least 24 hours before the plugging operations commence. (505) 599-8907.
- 3.) The following modifications to your plugging program are to be made: