

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

830' FNL, 1160' FEL, Sec.19, T-26-N, R-10-W, NMPM

5. Lease Number  
NMSF-077933

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

Huerfano Unit

Well Name & Number

Huerfano Unit #244E

API Well No.

30-045-26265

10. Field and Pool

Basin Dakota

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 - Temporarily abandon

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

REVISED

It is intended to temporarily abandon the subject well according to the attached procedure and wellbore diagram. Burlington Resources intends to keep this well for a future recompletion to the Fruitland Coal. If the wellbore does not pressure test, the well will be plugged and abandoned while the rig is on location.

RECEIVED  
OCT 30 6M 10 16  
070 FARMINGTON NM

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

Signed Nancy Oltmanns Title Senior Staff Specialist Date 9/29/04

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title \_\_\_\_\_ Date OCT 05 2004

CONDITION OF APPROVAL, if any:

**Huerfano Unit #244E -- Dakota**  
**Temporary abandonment/Plug and abandonment**

830' FNL & 110' FEL

NE, Section 19, T026N, R010W

Latitude: N36° 28.716', Longitude: W107° 55.938'

AIN: 5399001

9/16/2004

**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 III, mixed at 14.5 ppg with a 1.39 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Burlington safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. PU on tubing and release Model R packer at 4255'. TOH and tally 202 joints 2-3/8" EUE tubing with SN at 6435'; LD packer. Total tally 6435'. Round-trip 4-1/2" casing scraper or gauge ring to 6367'.
3. **Plug #1 (Dakota perforations, 6367' - 6267'):** TIH and set 4-1/2" cement retainer at 6367'. Pressure test tubing to 1000#. Load casing with water and circulate well clean. Pressure test casing to 1000#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 10 sxs Type III cement and spot a plug above the CR to isolate the Dakota. PUH to 5500'.
4. **Plug #2 (Gallup top, 5500' - 5400'):** Mix 10 sxs Type III cement and spot a balanced plug inside casing to cover the Gallup top. PUH to 3475'.
5. **Plug #3 (Mesaverde top, 3475' - 3375'):** Mix 15 sxs Type III cement (excess for old casing leak squeeze) and spot a balanced plug inside casing to cover the Mesaverde top. TOH with tubing.
6. **Plug #4 (La Ventana top, 2712' - 2612'):** Perforate 3 squeeze holes at 2712'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 4-1/2" cement retainer at 2762'. Establish rate into squeeze holes. Mix and pump 43 sxs Type III cement, squeeze 33 sxs outside the casing and leave 10 sxs inside casing. PUH to 1940'.
7. A) If casing has pressure tested up to this point, RU Cameron and pressure test casing to 500 psi for 30 minutes. Use 1000# max spring and 24 hr max chart. If well passes, ND BOP, NU wellhead, RDMO. Leave well TA'd. If casing does not test, continue with procedure.  
  
B) If casing has not pressure tested up to this point, load hole and pressure test casing with A-Plus Well Services pump truck. If casing tests with A-Plus pump truck, RU Cameron and pressure test casing to 500 psi for 30 minutes. Use 1000# max spring and 24 hr max chart. If well passes, ND BOP, NU wellhead, RDMO. Leave well TA'd. If casing does not test, continue with procedure.
8. **Plug #5 (Pictured Cliffs and Fruitland tops, 1940' - 1360'):** Mix 41 sxs Type III cement and spot a balanced plug inside casing to cover through the Fruitland top. PUH to 1580'.

9. **Plug #6 (Kirtland and Ojo Alamo tops, 1052' - 830'):** Mix 18 sxs Type III cement and spot a balanced plug inside casing to cover through the Ojo Alamo top. PUH to 288'.
10. **Plug #7 (8-5/8" Surface casing, 288' - Surface):** Pressure test bradenhead annulus to 300#. If it tests, then mix approximately 25 sxs Type III cement and spot a balanced plug inside casing from 288' to surface, circulate good cement out casing valve. TOH and LD tubing.
- If the bradenhead annulus does not test, then perforate at the appropriate depth. Establish circulation to surface out the bradenhead valve. Then spot cement inside the casing from 288' to surface to cover the surface casing shoe; and then circulate cement to the surface out the bradenhead valve, filling the BH annulus.
11. 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:

  
Operations Engineer

Approved:

  
Drilling Superintendent

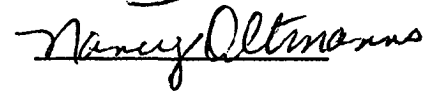
Engineer

Office - (599-4043)  
Cell - (320-0321)

Sundry Required:

YES

Approved:



Lease Operator: Bob Denney  
Specialist: Johnny Cole  
Foreman: Joel Lee

Cell: 320-1544  
Cell: 320-2521 Pager: 326-8346  
Office: 326-6109 Pager: 326-8697

# Huerfano Unit #244E

## Proposed TA

Basin Dakota / AIN #5399001

NE, Section 19, T-26-N, R-10-W, San Juan County, NM

Long: N:36° 28.716' / Lat: W:107° 55.938' API #30-045-26265

Today's Date: 06/30/04

Spud: 4/8/85

Completed: 7/15/85

Elevation: 6482' GL  
6494' KB

12-1/2" hole

8-5/8" 24# K-55 Casing set @ 238'  
Cement with 150 sxs (176 cf Circulated to Surface)

Ojo Alamo @ 880'

Kirtland @ 1002'

Fruitland @ 1410'

Pictured Cliffs @ 1890'

La Ventana @ 2762'

Mesaverde @ 3425'

Gallup @ 5450'

Dakota @ 6452'

Perforate @ 1125'; sqz with total  
315 sxs (444 cf) (6/85)

TOC @ 1200' (T.S.)

DV Tool @ 2152'  
Cement with 356 sxs (576 cf)

Set Cmt Retainer @ 2762'  
Perforate @ 2712'

Plug #4: 2712' - 2612'  
Type III Cement, 43 sxs  
33 sxs outside, 10 inside

TOC @ 2992' (Calc 75%)  
Casing Repair: 3066' to 4064'  
Squeezed 200 sxs (Jan 1991)

Plug #3: 3475' - 3375'  
Type III Cement, 15 sxs

DV Tool @ 4897'  
Cement with 357 sxs (579 cf)

TOC @ 5387' (Calc 75%)

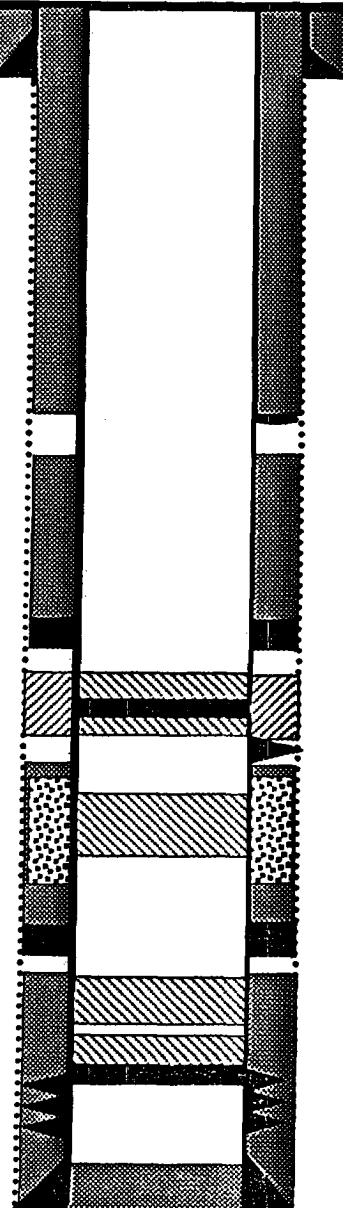
Plug #2: 5500' - 5400'  
Type III Cement, 10 sxs

Set CR @ 6367'

Dakota Perforations:  
6417' - 6474'

Plug #1: 6367' - 6267'  
Type III Cement, 10 sxs

7-7/8" Hole



TD 6617'  
PBTD 6599'

4-1/2" 10.5# K-55 Casing set @ 6616'  
Cement with 238 sxs (373 cf)

# Huerfano Unit #244E

## Proposed P & A

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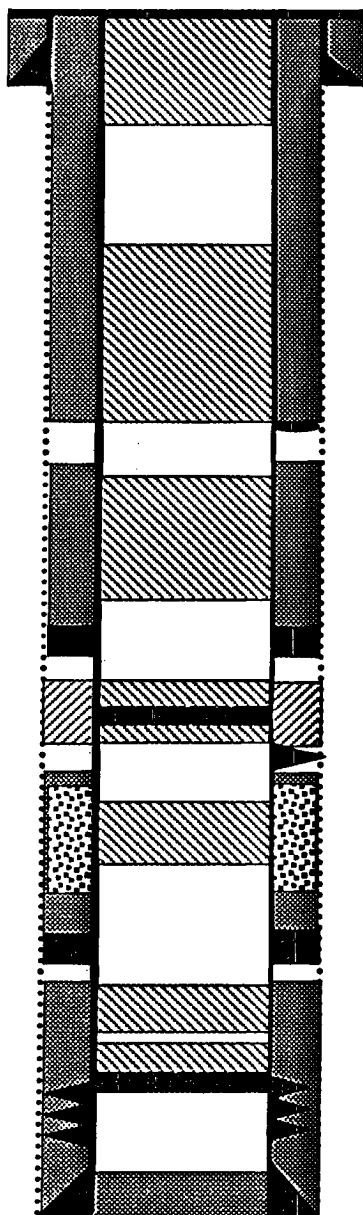
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Cement with 150 sxs (176 cf Circulated to Surface)

Plug #7: 288' – Surface  
Type III Cement, 25 sxs

Plug #6: 1052' – 830'  
Type III Cement, 18 sxs

Perforate @ 1125'; sqz with total  
315 sxs (444 cf) (6/85)

TOC @ 1200' (T.S.)

Plug #5: 1940' – 1360'  
Type III Cement, 41 sxs

DV Tool @ 2152'  
Cement with 356 sxs (576 cf)

Set Cmt Retainer @ 2762' Plug #4: 2712' – 2612'  
Type III Cement, 43 sxs  
Perforate @ 2712' 33 sxs outside, 10 inside

TOC @ 2992' (Calc 75%)  
Casing Repair: 3066' to 4064'  
Squeezed 200 sxs (Jan 1991)

Plug #3: 3475' – 3375'  
Type III Cement, 15 sxs

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Cement with 357 sxs (579 cf)

TOC @ 5387' (Calc 75%) Plug #2: 5500' – 5400'  
Type III Cement, 10 sxs

Set CR @ 6367'

Dakota Perforations: Plug #1: 6367' – 6267'  
6417' – 6474' Type III Cement, 10 sxs

4-1/2" 10.5# K-55 Casing set @ 6616'  
Cement with 238 sxs (373 cf)

TD 6617'  
PBTD 6599'