

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

Sundry Notices and Reports on Wells

2001 MAR 11 PM 2:15

1. Type of Well  
GAS

070 Farmington, NM

Lease Number  
NMSF-080724A

If Indian, All. or  
Tribe Name

2. Name of Operator

**BURLINGTON**

RESOURCES OIL & GAS COMPANY LP

7. Unit Agreement Name

3. Address & Phone No. of Operator

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

8. Well Name & Number

Zachry #10

9. API Well No.

30-045-07727

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

990' FNL, 990' FWL, Sec.34, T-29-N, R-10-W, NMMPM

10. Field and Pool

Aztec Pict Cliffs

11. County and State

San Juan Co, NM

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

Type of Submission

Type of Action

☐ Notice of Intent

☐ Abandonment

☐ Change of Plans

☒ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ Other - Bradenhead

13. Describe Proposed or Completed Operations

The bradenhead test on the subject well shows the well to be in compliance with the Oil Conservation Division Rules. The well has an artesian water flow. All formations are isolated. Attached is the most recent bradenhead test and water sample from the water flow at the wellhead.

CTP0224631188



ACCEPTED FOR RECORD

MAR 19 2003

FARMINGTON FIELD OFFICE  
BY *[Signature]*

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

Signed *Nancy Altman* Title Senior Staff Specialist Date 3/10/04

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

NMOCD

4-5-04  
H2O Analyze  
w/85chem

## OIL CONSERVATION DIVISION

API # 30-045-07727

1000 Rio Brazos Road  
Aztec, New Mexico

### BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

Date of Test 08/20/2002 Operator Burlington Resources Oil & Gas

Lease Name ZACHRY Well No 10 Location: U D Sec. 34 Twp. 029N Rge. 010W

Pressure ( Flowing ) Dwt Tubing 50 Intermediate        Casing 1 Bradenhead 64

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH.

| TIME:   | PRESSURES:                  |          | BRADENHEAD FLOWED:                          | INTERMEDIATE FLOWED:        |
|---------|-----------------------------|----------|---|-----------------------------|
|         | INTERMEDIATE                | CASING   |   |                             |
| 5 Min.  | <u>                    </u> | <u>1</u> | Steady Flow <u>X</u>                        | <u>                    </u> |
| 10 Min. | <u>                    </u> | <u>1</u> | Surges <u>                    </u>          | <u>                    </u> |
| 15 Min. | <u>                    </u> | <u>1</u> | Down to Nothing <u>                    </u> | <u>                    </u> |
| 20 Min. | <u>                    </u> | <u>1</u> | Nothing <u>                    </u>         | <u>                    </u> |
| 25 Min. | <u>                    </u> | <u>1</u> | Gas <u>                    </u>             | <u>                    </u> |
| 30 Min. | <u>                    </u> | <u>1</u> | Gas & Water <u>                    </u>     | <u>                    </u> |
|         |                             |          | Water <u>X</u>                              | <u>                    </u> |

If Bradenhead flowed water, check description below:

Clear X  
Fresh X  
Salty                       
Sulfur                       
Black                     

Remarks:                       
Ending: BH Press.: 0 Interm. Press. 0  
Casing psi TSTM continuous water  
flow  
                      
                    

By CONTRACT-389 389  
Lease Operator  
                      
Position

Witness Patrick Martin  
Inspector  
OCD

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## CATION / ANION ANALYSIS

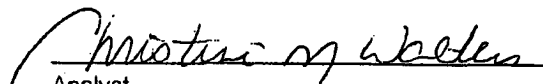
Client: Burlington Resources  
Sample ID: Zachry 10  
Laboratory Number: 24074  
Chain of Custody: 10368  
Sample Matrix: Water  
Preservative: Cool  
Condition: Cool & Intact

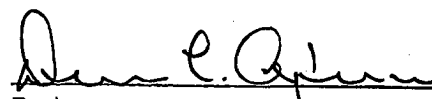
Project #: 92115-001  
Date Reported: 10-22-02  
Date Sampled: 10-17-02  
Date Received: 10-22-02  
Date Extracted: N/A  
Date Analyzed: 10-22-02

| Parameter  | Analytical Result | Units    | Units       |
|--|-------------------|----------|-------------|
| pH   | 8.27              | s.u.     |             |
| Conductivity @ 25° C   | 100 5,390         | umhos/cm |             |
| Total Dissolved Solids @ 180C <del>2,690</del> <sup>1000</sup> | 2,690             | mg/L     |             |
| Total Dissolved Solids (Calc)                                  | 2,620             | mg/L     |             |
| SAR  | 3.3               | ratio    |             |
| Total Alkalinity as CaCO3                                      | 109               | mg/L     |             |
| Total Hardness as CaCO3  | 1,340             | mg/L     |             |
| Bicarbonate as HCO3  | 109               | mg/L     | 1.79 meq/L  |
| Carbonate as CO3   | <0.1              | mg/L     | 0.00 meq/L  |
| Hydroxide as OH  | <0.1              | mg/L     | 0.00 meq/L  |
| Nitrate Nitrogen   | 0.1               | mg/L     | 0.00 meq/L  |
| Nitrite Nitrogen   | 0.008             | mg/L     | 0.00 meq/L  |
| Chloride   | 46.0              | mg/L     | 1.30 meq/L  |
| Fluoride   | 1.65              | mg/L     | 0.09 meq/L  |
| Phosphate  | <0.1              | mg/L     | 0.00 meq/L  |
| Sulfate  | 1,710             | mg/L     | 35.60 meq/L |
| Iron   | 0.008             | mg/L     | 0.00 meq/L  |
| Calcium  | 494               | mg/L     | 24.65 meq/L |
| Magnesium  | 25.4              | mg/L     | 2.09 meq/L  |
| Potassium  | 4.6               | mg/L     | 0.12 meq/L  |
| Sodium   | 275               | mg/L     | 11.96 meq/L |
| Cations  |                   |          | 38.82 meq/L |
| Anions   |                   |          | 38.78 meq/L |
| Cation/Anion Difference  |                   |          | 0.11%       |

Reference: U.S.E.P.A., 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983.  
Water And Waste Water", 18th ed., 1992.

Comments: Various - Braden Head Water.

  
Analyst

  
Review