

**RECEIVED**

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**MAY 28 2010**

**Bureau of Land Management  
Farmington Field Office**

**Sundry Notices and Reports on Wells**

1. **Type of Well**  
GAS

5. **Lease Number**  
NMSF - 078439  
6. **If Indian, All. or  
Tribe Name**  
7. **Unit Agreement Name**

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

8. **Well Name & Number**  
Johnston Federal 22 (POW)

9. **API Well No.**

30-045-26940

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

Surf: Unit B (NWNE), 1077' FNL & 1683' FEL, Section 33, T31N, R9W, NMPM

10. **Field and Pool**

11. **Basin Fuitland Coal  
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

X

Other -

Annual POW Report

☒ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Plugging

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Final Abandonment

☐ Altering Casing

☐ Conversion to Injection

**13. Describe Proposed or Completed Operations**

A reading from this POW well was taken on 5/15/10, please see attached.

RCVD JUN 3 '10

OIL CONS. DIV.

DIST. 3

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

Signed Rhonda Rogers Rhonda Rogers Title Staff Regulatory Technician Date 5/28/10

(This space for Federal or State Office use)

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

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.

**ACCEPTED FOR RECORD**

**JUN 02 2010**

**FARMINGTON FIELD OFFICE**

**NMOCD**

## **Static Gradient Report**

---

**Oil Company: CONOCOPHILLIPS**  
**Well Name: JOHNSTON FEDERAL #22 POW**  
**Well Location: 31N, R9W, SEC. 33**  
**Field: BASIN FRUITLAND COAL**  
**Formation: FRUITLAND COAL**  
**On Bottom Time: 5/15/10 @ 1422 HRS**  
**Off Bottom Time: 5/15/10 @ 1522 HRS**

---

**OIL COMPANY INFORMATION**

Oil Company: CONOCOPHILLIPS  
Address: FARMINGTON, NM

**WELL INFORMATION**

Well Name: JOHNSTON FEDERAL #22 POW  
Well Location: 31N, R9W, SEC. 33  
Field: BASIN FRUITLAND COAL  
Pool:  
Formation: FRUITLAND COAL  
Well Licence Number: 300452694000  
Well Fluid Status: 02 Gas  
Well Mode Status: 07 Standing(Drilled & Cased)  
Well Type Status: 05 Observation  
Well Type Indicator: Vertical  
Production Interval(KB) From: 2547 TO 2980  
KB Elevation: 6324                      CF Elevation:                      Ground Elevation: 6313  
Pool Datum:                      Datum Depth: 6324  
Producing Through: Tubing  
O.H. Diameter:  
Casing Liner Diameter:  
PBSD: 3448  
Total Depth: 3450  
Tubing Depth: 2999  
Tubing OD.: 1.90                      Tubing ID.: 4.7# J55  
Casing OD.: 4 1/2                      Casing ID.: 10.5# K55

**TEST INFORMATION**

Type Of Test: Static Gradient  
Initial Tubing Pressure:                      Final Tubing Pressure:  
Initial Casing Pressure:                      Final Casing Pressure:  
Shut in Time:

**GAUGE INFORMATION**

Serial Number: 19841  
Pressure Range: 289  
Calibration Date: MAR 23/10  
Gauge Started:                      Gauge Stopped:  
On Bottom Time: 5/15/10 @ 1422 HRS                      Off Bottom Time: 5/15/10 @ 1522 HRS  
Run Depth Bottom (KB): 3060

**REMARKS**

RAN 1.00 IB TO 3065'-SET DOWN-TD-SHOWED FILL-RAN TANDEM BHP GAUGES (19841, 19842) TO 3060'-SET  
3 HR-POOH MAKING GRADIENT STOPS.

## GRADIENT SUMMARY

Oil Company: CONOCOPHILLIPS

Well Location: 31N, R9W, SEC. 33

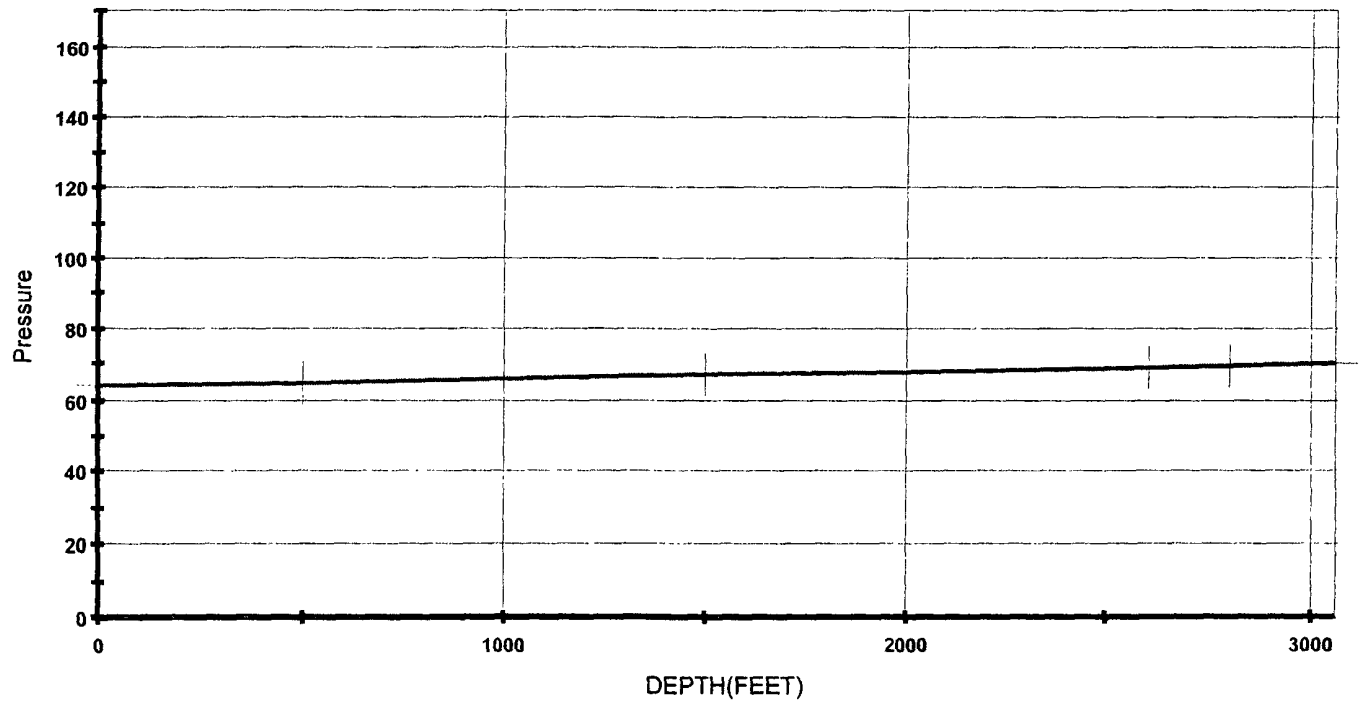
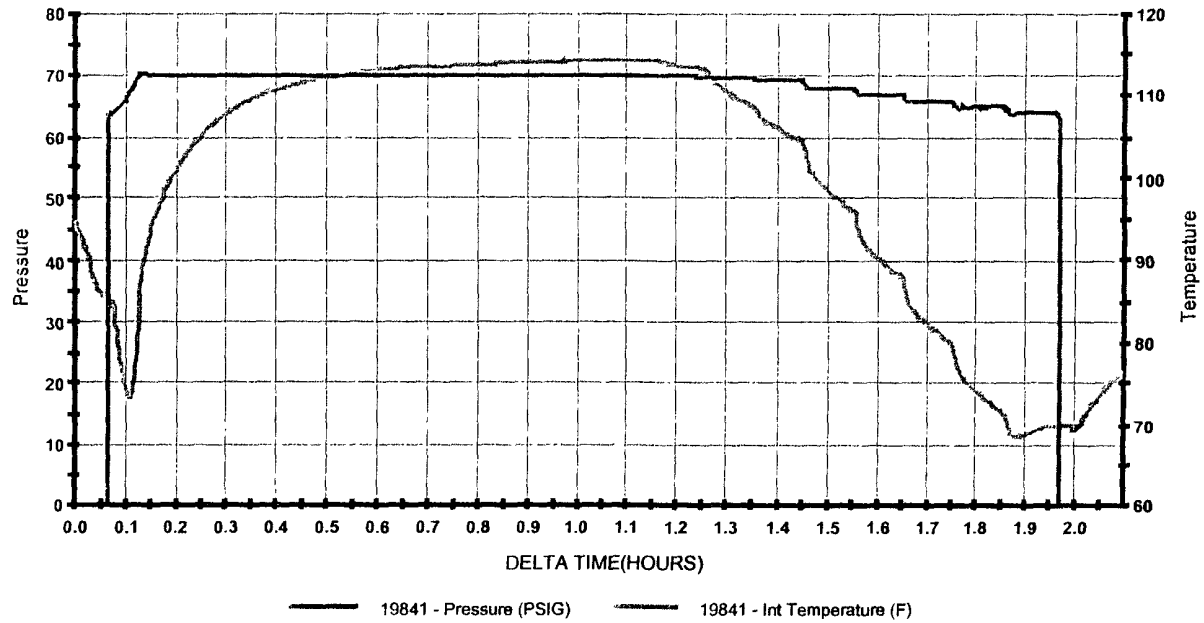
| # | Real Time           | Depth  | Stop Time   | Temp.(DEG.F) | Pres.(PSIG) | Gradient |
|---|---------------------|--------|-------------|--------------|-------------|----------|
| 1 | 05/15/2010 16:10:40 | 0.0    | 1605 - 1610 | 69.997       | 64.1        | 0.000    |
| 2 | 05/15/2010 16:04:20 | 500.0  | 1559 - 1604 | 71.306       | 64.9        | 0.002    |
| 3 | 05/15/2010 15:58:00 | 1000.0 | 1553 - 1558 | 79.943       | 65.8        | 0.002    |
| 4 | 05/15/2010 15:52:00 | 1500.0 | 1547 - 1552 | 88.017       | 66.8        | 0.002    |
| 5 | 05/15/2010 15:46:10 | 2000.0 | 1541 - 1546 | 95.975       | 67.9        | 0.002    |
| 6 | 05/15/2010 15:39:45 | 2600.0 | 1535 - 1540 | 104.496      | 69.2        | 0.002    |
| 7 | 05/15/2010 15:34:10 | 2800.0 | 1529 - 1534 | 108.567      | 69.5        | 0.001    |
| 8 | 05/15/2010 15:28:05 | 3000.0 | 1523 - 1528 | 113.285      | 70.0        | 0.002    |
| 9 | 05/15/2010 15:22:10 | 3060.0 | 1422 - 1522 | 114.436      | 70.1        | 0.002    |

FLUID LEVEL IS AT N/A

# Gradient Plots

Oil Company: CONOCOPHILLIPS

Well Location: 31N, R9W, SEC. 33



# PRESSURE AND TEMPERATURE VS DELTA TIME

Company: CONOCOPHILLIPS  
Location: JOHNSTON FEDERAL #22 POW  
Date: MAY 15, 2010  
Serial# 19841  
Max. Pressure: 70.327 Max. Temperature: 114.445

