

**RECEIVED**

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

MAY 28 2010

## Sundry Notices and Reports on Wells

Bureau of Land Management  
Farmington Field Office

- |                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. <b>Type of Well</b><br/>GAS</p> <p>2. <b>Name of Operator</b><br/><b>CONOCOPHILLIPS COMPANY</b></p> <p>3. <b>Address &amp; Phone No. of Operator</b><br/>PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. <b>Location of Well, Footage, Sec., T, R, M</b><br/><br/>Surf: Unit K (NESW), 1535' FSL &amp; 1610' FWL, Section 31, T31N, R6W, NMPM</p> | <p>5. <b>Lease Number</b><br/>NMSF - 078995</p> <p>6. <b>If Indian, All. or Tribe Name</b></p> <p>7. <b>Unit Agreement Name</b><br/>San Juan 31-6 Unit</p> <p>8. <b>Well Name &amp; Number</b><br/>San Juan 31-6 Unit 225 (POW)</p> <p>9. <b>API Well No.</b><br/>30-039-24522</p> <p>10. <b>Field and Pool</b><br/>Basin Fruitland Coal</p> <p>11. <b>County and State</b><br/>Rio Arriba Co., NM</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

| Type of Submission                                    | Type of Action                           |                                                  |                                       |                                  |                                            |  |
|-------------------------------------------------------|------------------------------------------|--------------------------------------------------|---------------------------------------|----------------------------------|--------------------------------------------|--|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Abandonment     | <input type="checkbox"/> Change of Plans         | <input checked="" type="checkbox"/> X | <input type="checkbox"/> Other - | <input type="checkbox"/> Annual POW Report |  |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion    | <input type="checkbox"/> New Construction        |                                       |                                  |                                            |  |
| <input type="checkbox"/> Final Abandonment            | <input type="checkbox"/> Plugging        | <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 |                                       |                                  |                                            |  |

KR

**13. Describe Proposed or Completed Operations**

A reading from this POW well was taken on 5/20/10, 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

5-28-10

5

NMOCD

b2

## **Static Gradient Report**

---

**Oil Company: CONOCOPHILLIPS**  
**Well Name: SAN JUAN 31-6 UNIT 225**  
**Well Location: T31N, R6W, SEC. 31**  
**Field: FRUITLAND COAL**  
**Formation: FRUITLAND COAL**  
**On Bottom Time: 5/20/10 @ 1037 HRS**  
**Off Bottom Time: 5/20/10 @ 1137 HRS**

---

**OIL COMPANY INFORMATION**

Oil Company: CONOCOPHILLIPS  
Address: FARMINGTON, NM

**WELL INFORMATION**

Well Name: SAN JUAN 31-6 UNIT 225  
Well Location: T31N, R6W, SEC. 31  
Field: FRUITLAND COAL  
Pool:  
Formation: FRUITLAND COAL  
Well Licence Number: 300392452200  
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: 2957 TO 3008  
KB Elevation: 6220                      CF Elevation:                      Ground Elevation: 6207  
Pool Datum:                      Datum Depth: 6220  
Producing Through: Tubing  
O.H. Diameter:  
Casing Liner Diameter:  
PBD: 3053  
Total Depth: 3053  
Tubing Depth: 2926  
Tubing OD.: 2 3/8                      Tubing ID.: 4.7# J55  
Casing OD.: 5 1/2                      Casing ID.: 15.5# 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: 5432  
Pressure Range: 561  
Calibration Date: SEP 14/09  
Gauge Started:                      Gauge Stopped:  
On Bottom Time: 5/20/10 @ 1037 HRS                      Off Bottom Time: 5/20/10 @ 1137 HRS  
Run Depth Bottom (KB): 2983

**REMARKS**

RAN 1.516 GR TO 3028'-SET DOWN-TD-RAN TANDEM BHP GUAGES (5432, 5433) TO 2983'-SET 1 HR-POOH MAKING GRADIENT STOPS.

## GRADIENT SUMMARY

Oil Company: CONOCOPHILLIPS

Well Location: T31N, R6W, SEC. 31

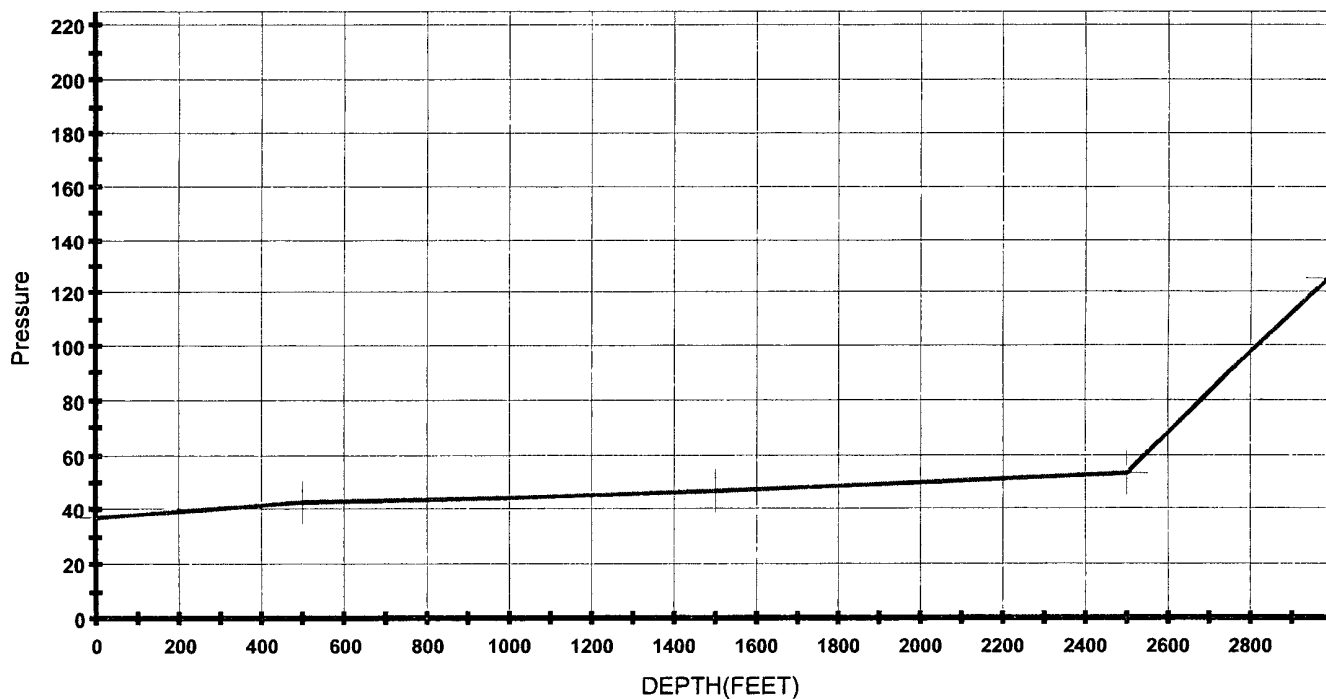
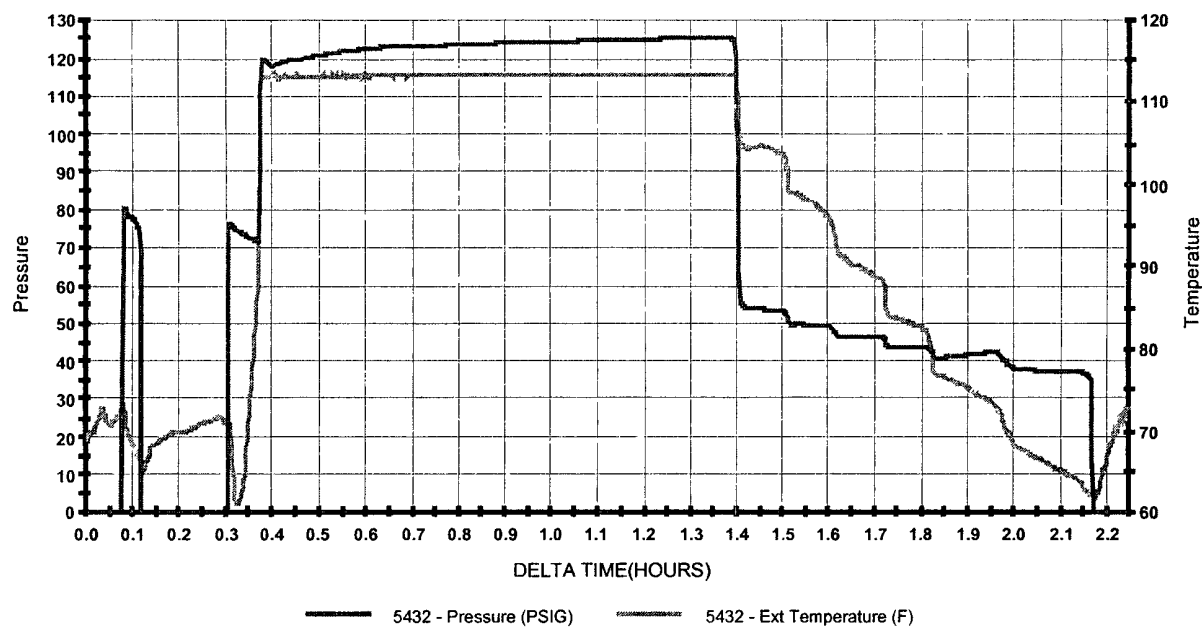
| # | Real Time           | Depth  | Stop Time   | Temp.(DEG.F) | Pres.(PSIG) | Gradient |
|---|---------------------|--------|-------------|--------------|-------------|----------|
| 1 | 05/20/2010 12:22:50 | 0.0    | 1212 - 1217 | 63.852       | 37.4        | 0.000    |
| 2 | 05/20/2010 12:11:45 | 500.0  | 1205 - 1210 | 73.107       | 42.4        | 0.010    |
| 3 | 05/20/2010 12:02:40 | 1000.0 | 1158 - 1203 | 82.140       | 44.0        | 0.003    |
| 4 | 05/20/2010 11:56:45 | 1500.0 | 1152 - 1157 | 88.574       | 46.7        | 0.005    |
| 5 | 05/20/2010 11:49:55 | 2000.0 | 1145 - 1150 | 96.226       | 49.8        | 0.006    |
| 6 | 05/20/2010 11:44:05 | 2500.0 | 1139 - 1144 | 103.709      | 53.7        | 0.008    |
| 7 | 05/20/2010 11:37:30 | 2983.0 | 1037 - 1137 | 113.179      | 125.2       | 0.148    |

FLUID LEVEL IS AT N/A

# Gradient Plots

Oil Company: CONOCOPHILLIPS

Well Location: T31N, R6W, SEC. 31



# PRESSURE AND TEMPERATURE VS DELTA TIME

Company: CONOCOPHILLIPS  
Location: SAN JUAN 31-6 UNIT #225  
Date: MAY 20, 2010  
Serial# 5432

Max. Pressure: 125.153 Max. Temperature: 113.191

