

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 21 2012

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill, re-enter, or re-work an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5 Lease Serial No	<b>NMSF-078439</b>
6 If Indian, Allottee or Tribe Name	
7 If Unit of CA/Agreement, Name and/or No.	
8 Well Name and No	<b>Johnston Federal 22</b>
9 API Well No.	<b>30-045-26940</b>
10 Field and Pool or Exploratory Area	<b>Basin Fruitland Coal</b>
11 Country or Parish, State	<b>San Juan , New Mexico</b>

SUBMIT IN TRIPLICATE - Other instructions on page 2.	
1 Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2 Name of Operator <b>Burlington Resources Oil &amp; Gas Company LP</b>	
3a Address <b>PO Box 4289, Farmington, NM 87499</b>	3b. Phone No. (include area code) <b>(505) 326-9700</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Unit B (NWNE), 1077' FNL &amp; 1683' FEL, Sec. 33, T31N, R9W</b>	

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Annual POW Report</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the bond under which the work will be performed or provide the Bond No on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once Testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Attached is the annual POW report taken from the subject well on 5/12/2012.

RCVD MAY 30 '12

OIL CONS. DIV.

DIST. 3

14 I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>Crystal Tafoya</b>	Title <b>Staff Regulatory Technician</b>
Signature <i>Crystal Tafoya</i>	Date <b>5/21/12</b>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ADMITTED FOR RECORD

Approved by	Title <b>MA/ 23 2012</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <b>FARMINGTON FIELD OFFICE</b>

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instruction on page 2)

NMOCDA

## **Static Gradient Report**

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**Oil Company: CONOCOPHILLIPS**  
**Well Name: JOHNSTON FEDERAL 22 POW**  
**Well Location: T31N, R9W, SEC. 33**  
**Field: BASIN FRUITLAND COAL**  
**Formation: FRUITLAND COAL**  
**On Bottom Time: 5/12/12 @ 0938 HRS**  
**Off Bottom Time: 5/12/12 @ 1038 HRS**

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**OIL COMPANY INFORMATION**

Oil Company: CONOCOPHILLIPS  
Address: FARMINGTON, NM

**WELL INFORMATION**

Well Name: JOHNSTON FEDERAL 22 POW  
Well Location: T31N, 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: 6337                      CF Elevation:                      Ground Elevation: 6325  
Pool Datum:                      Datum Depth: 6337  
Producing Through: Tubing  
O.H. Diameter:  
Casing Liner Diameter:  
PBSD: 3448  
Total Depth: 3450  
Tubing Depth: 3074  
Tubing OD.: 2 3/8                      Tubing ID.: J55 4.7#  
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: 5482  
Pressure Range: 328  
Calibration Date: FEB 19/10  
Gauge Started:                      Gauge Stopped:  
On Bottom Time: 5/12/12 @ 0938 HRS                      Off Bottom Time: 5/12/12 @ 1038 HRS  
Run Depth Bottom (KB): 3054

**REMARKS**

RAN 1.657 GR TO 3059'-SET DOWN-TD-RAN TANDEM BHP GAUGES TO 3054'-SET 1 HR-POOH MAKING GRADIENT STOPS.

## GRADIENT SUMMARY

Oil Company: CONOCOPHILLIPS

Well Location: T31N, R9W, SEC. 33

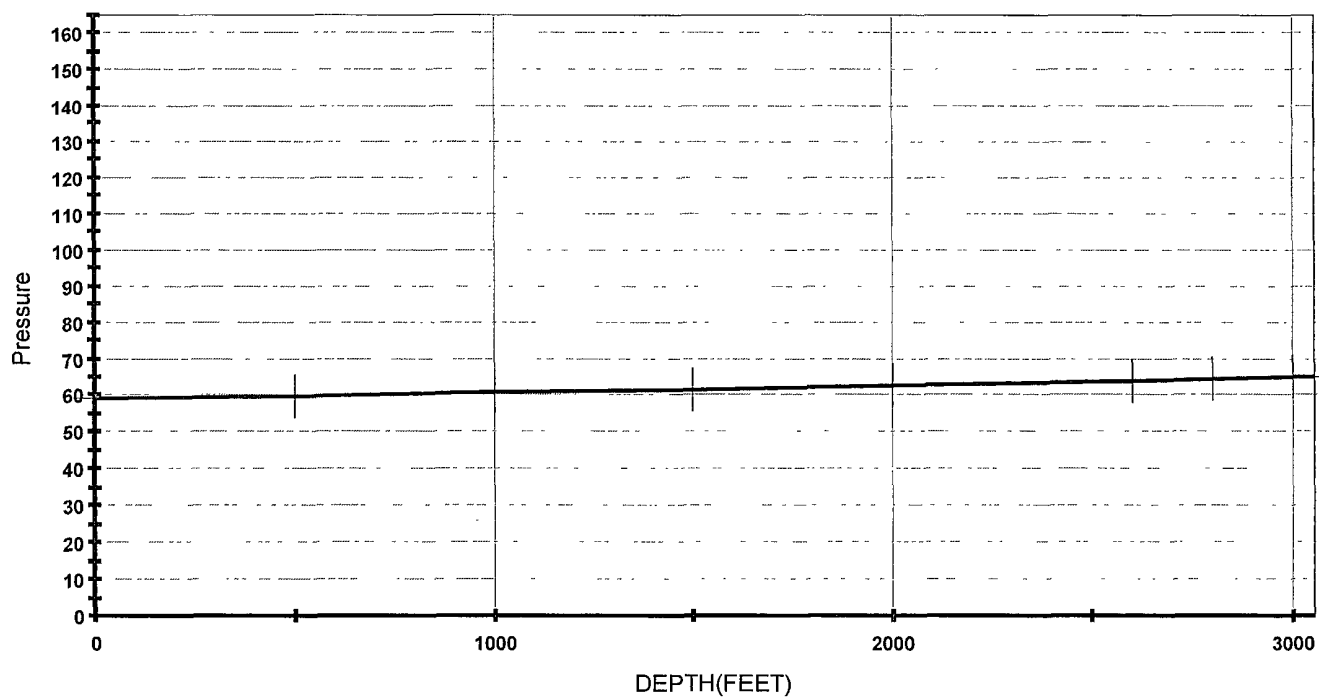
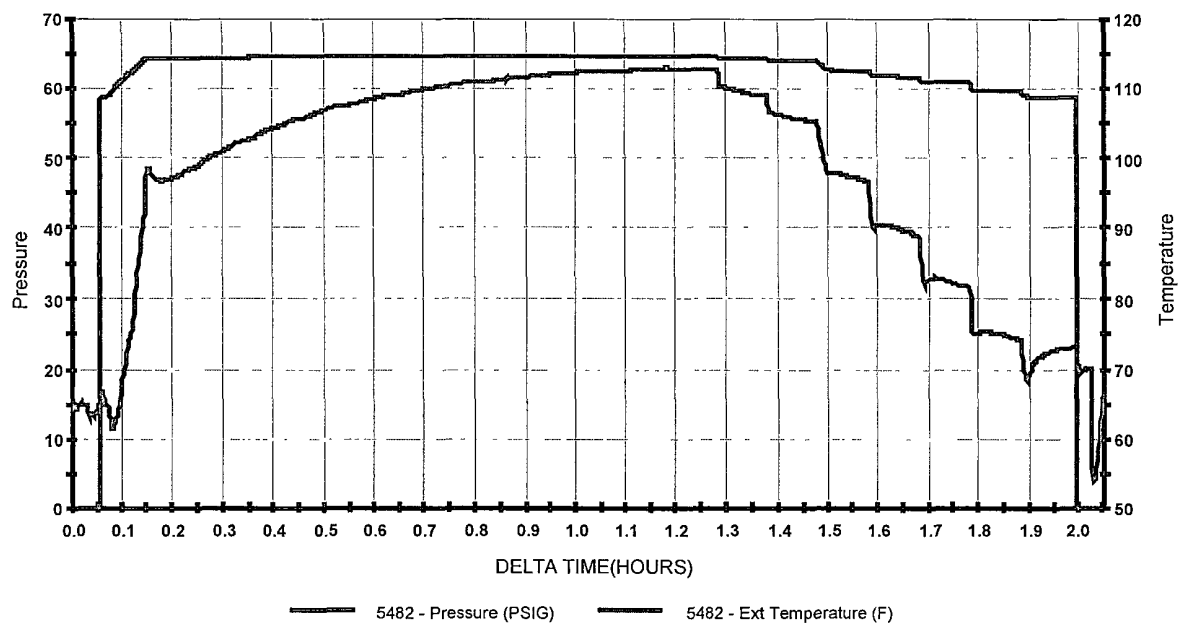
#	Real Time	Depth	Stop Time	Temp.(DEG.F)	Pres.(PSIG)	Gradient
1	05/12/2012 11:26:25	0.0	1121 - 1126	73.005	58.8	0.000
2	05/12/2012 11:20:00	500.0	1115 - 1120	74.081	59.7	0.002
3	05/12/2012 11:13:55	1000.0	1109 - 1114	81.495	60.7	0.002
4	05/12/2012 11:07:35	1500.0	1103 - 1108	89.093	61.7	0.002
5	05/12/2012 11:01:45	2000.0	1057 - 1102	96.646	62.7	0.002
6	05/12/2012 10:55:50	2600.0	1051 - 1056	105.125	63.9	0.002
7	05/12/2012 10:49:45	2800.0	1045 - 1050	108.940	64.3	0.002
8	05/12/2012 10:43:45	3000.0	1039 - 1044	112.828	64.7	0.002
9	05/12/2012 10:38:00	3054.0	0938 - 1038	113.061	64.8	0.002

FLUID LEVEL IS AT N/A

# Gradient Plots

Oil Company: CONOCOPHILLIPS

Well Location: T31N, R9W, SEC. 33



# PRESSURE AND TEMPERATURE VS DELTA TIME

Company: CONOCOPHILLIPS  
Location: JOHNSTON FEDERAL #22 POW GRADIENT  
Date: MAY 12, 2012  
Serial# 5482  
Max. Pressure: 64.824 Max. Temperature: 113.061

