

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

MAY 21 2012

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

1 Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No <b>NM-9037</b>
2 Name of Operator <b>Burlington Resources Oil &amp; Gas Company LP</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>PO Box 4289, Farmington, NM 87499</b>	3b. Phone No. (include area code) <b>(505) 326-9700</b>	7. If Unit of CA/Agreement, Name and/or No
4 Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>Unit L (NWSW), 1660' FSL &amp; 835' FWL, Sec. 12, T32N, R8W</b>		8 Well Name and No. <b>Reese Mesa 8</b>
		9 API Well No <b>30-045-25992</b>
		10 Field and Pool or Exploratory Area <b>Basin Fruitland Coal</b>
		11 Country or Parish, State <b>San Juan, New Mexico</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 recomplete 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 recompletion 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 5/16/2012.

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

Approved by	Title <b>ASST. DIR. FOR RECORD</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.	Date <b>MAY 23 2012</b>
	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)

NMOCD



## **Static Gradient Report**

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**Oil Company: CONOCOPHILLIPS**  
**Well Name: REESE MESA 8**  
**Well Location: T32N, R8W, SEC. 12**  
**Field: BASIN FRUITLAND COAL**  
**Formation: FRUITLAND COAL**  
**On Bottom Time: 5/16/12 @ 1609 HRS**  
**Off Bottom Time: 5/16/12 @ 1709 HRS**

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**OIL COMPANY INFORMATION**

Oil Company: CONOCOPHILLIPS  
Address: FARMINGTON, NM

**WELL INFORMATION**

Well Name: REESE MESA 8  
Well Location: T32N, R8W, SEC. 12  
Field: BASIN FRUITLAND COAL  
Pool:  
Formation: FRUITLAND COAL  
Well Licence Number: 300452599200  
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: 3670 TO 3966  
KB Elevation: 7052                      CF Elevation:                      Ground Elevation: 7040  
Pool Datum:                      Datum Depth: 7052  
Producing Through: Tubing  
O.H. Diameter:  
Casing Liner Diameter:  
PBTD: 4050  
Total Depth: 4050  
Tubing Depth: 3685  
Tubing OD.: 2 7/8                      Tubing ID.: 6.5# N80  
Casing OD.: 8 5/8                      Casing ID.: 24# 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: 282  
Calibration Date: MAY 7/12  
Gauge Started:                      Gauge Stopped:  
On Bottom Time: 5/16/12 @ 1609 HRS                      Off Bottom Time: 5/16/12 @ 1709 HRS  
Run Depth Bottom (KB): 3684

**REMARKS**

RAN 1.657 GR TO 3782'-SET DOWN-TD-RAN TANDEM BHP GAUGES TO 3684'-SET 1 HR-POOH MAKING GRADIENT STOPS.



## GRADIENT SUMMARY

Oil Company: CONOCOPHILLIPS

Well Location: T32N, R8W, SEC. 12

#	Real Time	Depth	Stop Time	Temp.(DEG.F)	Pres.(PSIG)	Gradient
1	05/16/2012 17:59:45	0.0	1755 - 1800	68.019	943.7	0.000
2	05/16/2012 17:53:20	500.0	1749 - 1754	61.222	956.4	0.025
3	05/16/2012 17:47:40	1000.0	1740 - 1748	69.173	968.8	0.025
4	05/16/2012 17:38:05	1500.0	1734 - 1739	77.900	981.1	0.025
5	05/16/2012 17:32:15	2000.0	1728 - 1733	87.901	993.2	0.024
6	05/16/2012 17:26:15	2500.0	1722 - 1727	97.759	1005.3	0.024
7	05/16/2012 17:20:10	3000.0	1716 - 1721	109.170	1017.1	0.024
8	05/16/2012 17:14:15	3500.0	1710 - 1715	119.995	1028.7	0.023
9	05/16/2012 17:08:15	3684.0	1609 - 1709	123.878	1033.1	0.024

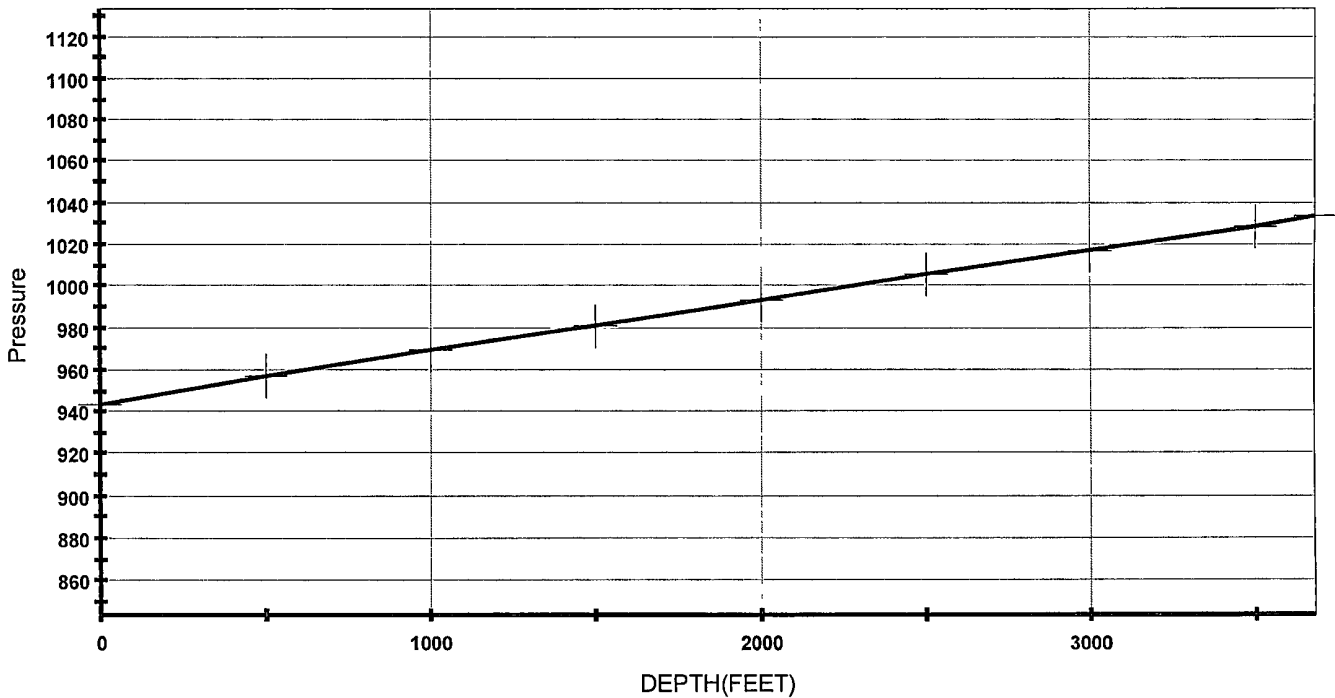
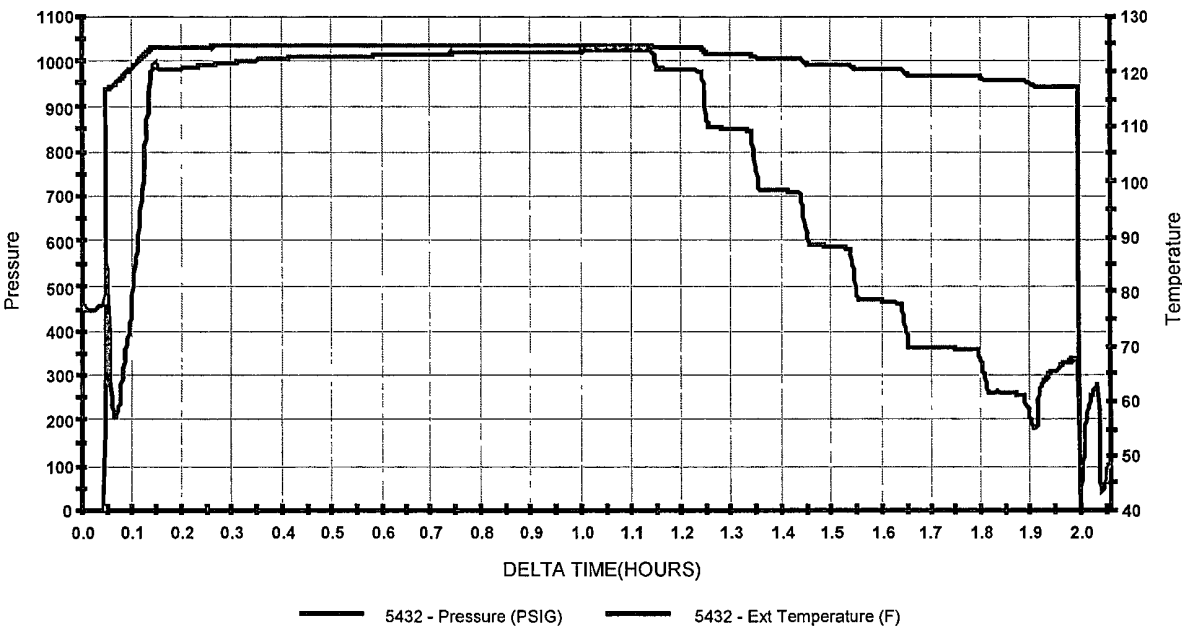
FLUID LEVEL IS AT N/A



# Gradient Plots

Oil Company: CONOCOPHILLIPS

Well Location: T32N, R8W, SEC. 12





# PRESSURE AND TEMPERATURE VS DELTA TIME

Company: CONOCOPHILLIPS

Location: REESE MESA #8

Date: MAY 16, 2012

Serial# 5432

Max. Pressure: 1033.114 Max. Temperature: 123.878

