

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 21 2012

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

**SUNDRIY 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.**

5. Lease Serial No	<b>NMSF-081155</b>
6. Self Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No	Allison Unit
8. Well Name and No	<b>Allison Unit POW 2</b>
9. API Well No	<b>30-045-29004</b>
10. Field and Pool or Exploratory Area	<b>Basin Fruitland Coal</b>
11. Country or Parish, State	<b>San Juan, New Mexico</b>

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 I (NESE), 1775' FSL &amp; 905' FEL, Sec. 19, T32N, R6W</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 recomplate 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 5/12/2012.

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

Approved by	Title <b>MAY 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.

NMOCD A

## **Static Gradient Report**

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**Oil Company: CONOCOPHILLIPS**  
**Well Name: ALLISON UNIT POW 2**  
**Well Location: T32N, R6W, SEC. 19**  
**Field: BASIN FRUITLAND COAL**  
**Formation: FRUITLAND COAL**  
**On Bottom Time: 5/12/12 @ 0712 HRS**  
**Off Bottom Time: 5/12/12 @ 0812 HRS**

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**OIL COMPANY INFORMATION**

Oil Company: CONOCOPHILLIPS  
Address: FARMINGTON, NM

**WELL INFORMATION**

Well Name: ALLISON UNIT POW 2  
Well Location: T32N, R6W, SEC. 19  
Field: BASIN FRUITLAND COAL  
Pool:  
Formation: FRUITLAND COAL  
Well Licence Number: 300452900400  
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: 3062 TO 3134  
KB Elevation: 6153                      CF Elevation:                      Ground Elevation: 6141  
Pool Datum:                      Datum Depth: 6153  
Producing Through: Tubing  
O.H. Diameter:  
Casing Liner Diameter:  
PBTD: 3600  
Total Depth: 3645  
Tubing Depth:  
Tubing OD.:                      Tubing ID.:  
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: 5405  
Pressure Range: 289  
Calibration Date: SEP 27/10  
Gauge Started:                      Gauge Stopped:  
On Bottom Time: 5/12/12 @ 0712 HRS                      Off Bottom Time: 5/12/12 @ 0812 HRS  
Run Depth Bottom (KB): 3098

**REMARKS**

RAN 1.657 GR TO 3590'-SET DOWN-TD-RAN TANDEM BHP GAUGES TO 3098'-SET 1 HR-POOH MAKING GRADIENT STOPS.

## GRADIENT SUMMARY

Oil Company: CONOCOPHILLIPS

Well Location: T32N, R6W, SEC. 19

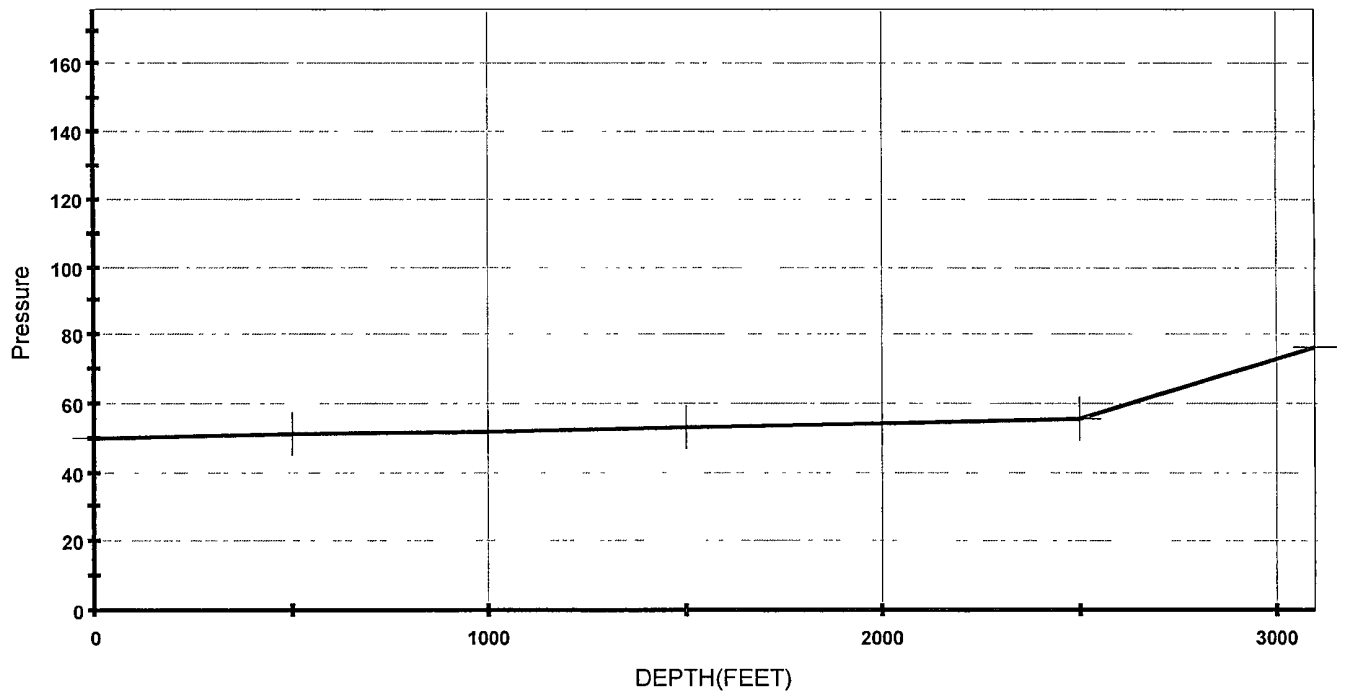
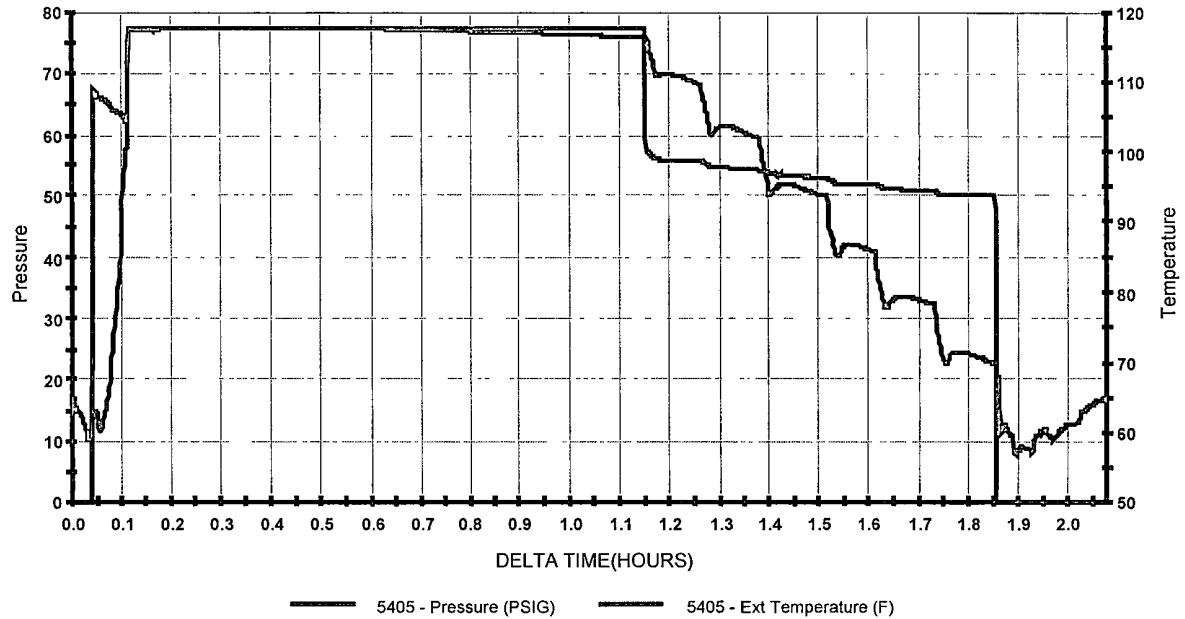
#	Real Time	Depth	Stop Time	Temp.(DEG.F)	Pres.(PSIG)	Gradient
1	05/12/2012 08:56:10	0.0	0851 - 0856	70.192	49.9	0.000
2	05/12/2012 08:48:45	500.0	0844 - 0849	78.312	50.9	0.002
3	05/12/2012 08:41:55	1000.0	0837 - 0842	85.315	51.9	0.002
4	05/12/2012 08:35:45	1500.0	0830 - 0835	93.730	53.0	0.002
5	05/12/2012 08:28:00	2000.0	0823 - 0828	101.123	54.3	0.003
6	05/12/2012 08:20:50	2500.0	0815 - 0820	109.768	55.8	0.003
7	05/12/2012 08:14:00	3098.0	0712 - 0812	117.941	76.0	0.034

FLUID LEVEL IS AT N/A

# Gradient Plots

Oil Company: CONOCOPHILLIPS

Well Location: T32N, R6W, SEC. 19



# PRESSURE AND TEMPERATURE VS DELTA TIME

Company: CONOCOPHILLIPS

Location: ALLISON UNIT #2 POW

Date: MAY 12, 2012

Serial# 5405

Max. Pressure: 77.597 Max. Temperature: 117.950

