

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 or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No

**NMSF-078999**

6. Owner, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

7. If Unit of CA/Agreement, Name and/or No

**San Juan 31-6 Unit**

8. Well Name and No

**San Juan 31-6 Unit 231**

2. Name of Operator

**ConocoPhillips Company**

9. API Well No.

**30-039-24945**

3a. Address

**PO Box 4289, Farmington, NM 87499**

3b. Phone No (include area code)

**(505) 326-9700**

10. Field and Pool or Exploratory Area

**Basin Fruitland Coal**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**Unit L (NWSW), 1418' FSL & 1147' FWL, Sec. 27, T31N, R6W**

11. Country or Parish, State

**Rio Arriba, New Mexico**

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

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

**Annual POW Report**

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 5/12/12.**

**RCVD MAY 30 '12  
OIL CONS. DIV.  
DIST. 3**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

**Crystal Tafoya**

**Staff Regulatory Technician**

Title

Signature

*Crystal Tafoya*

Date

*5/21/12*

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

**ACCEPTED FOR RECORD**

Approved by

Title

**MAY 23 2012**  
Date

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

**FARMINGTON FIELD OFFICE**  
*AY* *SV*

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 A**

## **Static Gradient Report**

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**Oil Company: CONOCOPHILLIPS**  
**Well Location: T31N, R6W, SEC. 27**  
**Field: FRUITLAND COAL**  
**Formation: FRUITLAND COAL**  
**On Bottom Time: 5/12/12 @ 0659 HRS**  
**Off Bottom Time: 5/12/12 @ 0759 HRS**

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**OIL COMPANY INFORMATION**

Oil Company: CONOCOPHILLIPS  
Address: FARMINGTON, NM

**WELL INFORMATION**

Well Name:  
Well Location: T31N, R6W, SEC. 27  
Field: FRUITLAND COAL  
Pool:  
Formation: FRUITLAND COAL  
Well Licence Number: 300392494500  
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: 3176 TO 3326  
KB Elevation: 6461                      CF Elevation:                      Ground Elevation: 6448  
Pool Datum:                      Datum Depth: 6461  
Producing Through: Tubing  
O.H. Diameter:  
Casing Liner Diameter:  
PBTD: 3327  
Total Depth: 3327  
Tubing Depth: 3318  
Tubing OD.: 2 3/8                      Tubing ID.: J55 4.7#  
Casing OD.: 5 1/2                      Casing ID.: 23# P110

**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: 9459  
Pressure Range: 282  
Calibration Date: APR 23/12  
Gauge Started:                      Gauge Stopped:  
On Bottom Time: 5/12/12 @ 0659 HRS                      Off Bottom Time: 5/12/12 @ 0759 HRS  
Run Depth Bottom (KB): 3251

**REMARKS**

RAN 1.657 GR TO 3315'-SET DOWN-TD-RAN TANDEM BHP GAUGES TO 3251'-SET 1 HR-POOH MAKING GRADIENT STOPS.

## GRADIENT SUMMARY

Oil Company: CONOCOPHILLIPS

Well Location: T31N, R6W, SEC. 27

#	Real Time	Depth	Stop Time	Temp.(DEG.F)	Pres.(PSIG)	Gradient
1	05/12/2012 08:40:50	0.0	0836 - 0841	62.002	324.3	0.000
2	05/12/2012 08:34:35	500.0	0830 - 0835	68.401	328.6	0.009
3	05/12/2012 08:28:30	1000.0	0824 - 0829	76.576	332.9	0.009
4	05/12/2012 08:22:30	1500.0	0818 - 0823	84.591	337.2	0.009
5	05/12/2012 08:16:25	2000.0	0812 - 0817	90.818	341.5	0.009
6	05/12/2012 08:10:30	2500.0	0806 - 0811	96.683	451.4	0.220
7	05/12/2012 08:04:35	3000.0	0759 - 0804	107.667	668.5	0.434
8	05/12/2012 07:59:45	3251.0	0659 - 0759	114.868	777.6	0.435

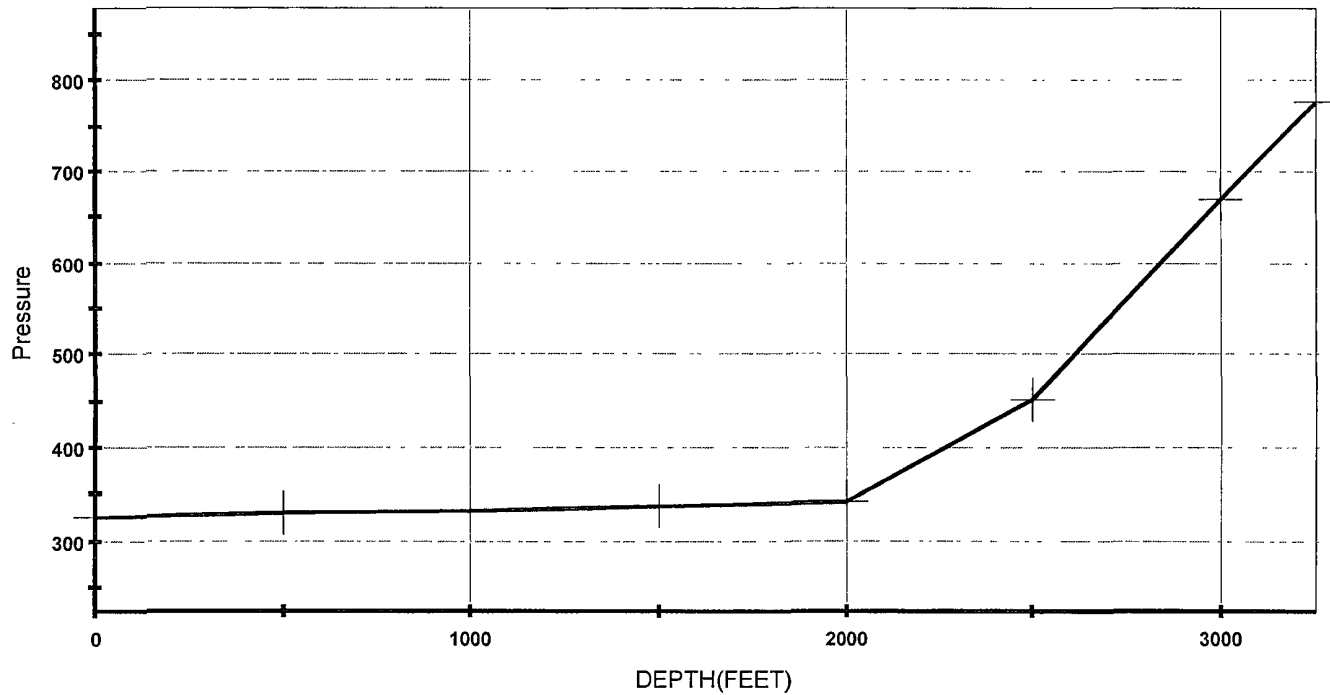
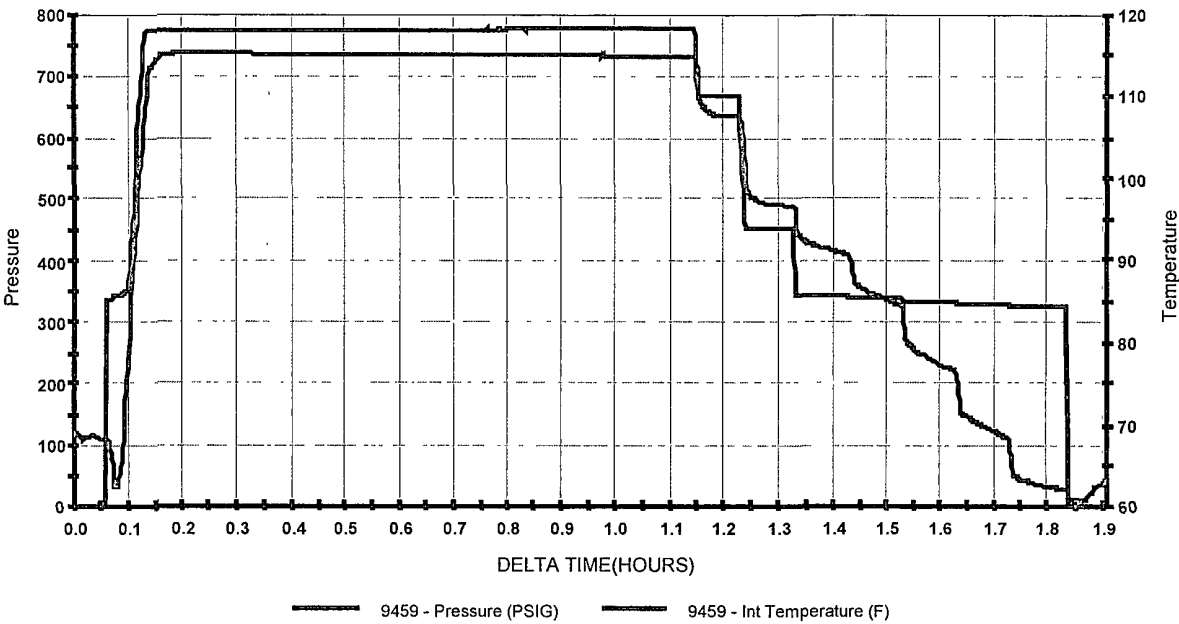
FLUID LEVEL IS AT N/A

# Gradient Plots



Oil Company: CONOCOPHILLIPS

Well Location: T31N, R6W, SEC. 27



# PRESSURE AND TEMPERATURE VS DELTA TIME

Company: CONOCOPHILLIPS  
Location: SAN JUAN 31-6 UNIT #231  
Date: MAY 12, 2012  
Serial# 9459

Max. Pressure: 777.661 Max. Temperature: 115.515

