

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 06 2013

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. **SF-079391**

6. If Indian, 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 27-5 Unit POW**

8. Well Name and No.

**San Juan 27-5 Unit POW 916**

2. Name of Operator

**Burlington Resources Oil & Gas Company LP**

9. API Well No.

**30-039-30300**

3a. Address

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

3b. Phone No. (include area code)

**(505) 326-9700**

10. Field and Pool or Exploratory Area

**Blanco MV /Basin DK**

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

**Surface Unit F (SENW), 2541' FNL & 2452' FWL, Sec. 8, T27N, R5W**  
**Bottomhole Unit K (NESW), 2634' FSL & 2273' FWL, Sec. 8, T27N, R5W**

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                                |                                           |                                                    |                                                      |
|-------------------------------------------------------|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|------------------------------------------------------|
| <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              |
| <b>BP</b>                                             | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other Annual POW |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | Report                                               |
|                                                       | <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.)

**A reading from this POW well was taken on 4/30/13 per the attached report.**

**RCVD MAY 10 '13**  
**OIL CONS. DIV.**  
**DIST. 3**

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

**Dollie L. Busse**

Title **Staff Regulatory Technician**

Signature

*Dollie L. Busse*

Date

**5/13/13**

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

Approved by

Title

Office

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.

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)

**NMOC D IV**

# Pressure Test Report

## COMPANY INFORMATION

|                 |                                       |
|-----------------|---------------------------------------|
| Company Name    | CONOCOPHILLIPS                        |
| Representative  | PRISCILLA SHORTY                      |
| Phone           | 599-4083                              |
| Fax             |                                       |
| Address         | 30TH SREET<br>FARMINGTON, NM          |
| E-Mail Address  | priscilla.a.shorty@conocophillips.com |
| Service Company | PHOENIX SERVICES, LLC                 |

## WELL INFORMATION

|                                         |                            |
|-----------------------------------------|----------------------------|
| Well Name                               | SAN JUAN 27-5 UNIT POW 916 |
| Well Location                           | T27N, R5W, SEC. 8          |
| Field and Pool                          | MV/DK COM                  |
| Status (Oil, Gas, Water, Injection)     | OBSERVATION                |
| Perforated Intervals                    | 4564-7876                  |
| Mid-point of Perforated Intervals (MPP) | 6137                       |
| Drilling Rig Number                     |                            |
| Elevations                              |                            |
| Kelly Bushing (KB)                      | 6614                       |
| Casing Flange (CF)                      |                            |
| KB-CF                                   |                            |
| Ground Level                            | 6599                       |
| Plug Back Total Depth                   | 7968                       |
| Total Depth                             | 8040                       |
| Production Casing                       |                            |
| Production Tubing                       |                            |

## TEST INFORMATION

|                                      |                      |
|--------------------------------------|----------------------|
| Type of Test                         | POOH STATIC GRADIENT |
| Date(s) of Test                      | 4/30/13              |
| Dead-weight Gauge Tubing Pressure    | 75                   |
| Dead-weight Gauge Casing Pressure    | 15                   |
| Shut-in Date (Duration)              |                      |
| Date / Time on Bottom                | 4/30/13 @ 0921 HRS   |
| Date / Time off Bottom               | 4/30/13 @ 1021 HRS   |
| Probe Serial Number                  | 9734                 |
| Probe Offset from End of Tool String | 0-6000               |
| Run Depth at Probe Pressure Port     | 6137                 |

## PRESSURE TEST RESULTS

|                                    |             |
|------------------------------------|-------------|
| Maximum Recorded Probe Pressure    | 122.2 psig  |
| Maximum Recorded Probe Temperature | 164.0 deg F |
| Final Buildup Pressure             |             |
| Gradient Survey Information        |             |
| Extrapolated Pressure to MPP       |             |
| Final Gradient at Depth            |             |
| Job Number                         | 29140WP     |

|                 |                            |
|-----------------|----------------------------|
| Company Name    | CONOCOPHILLIPS             |
| Well Name       | SAN JUAN 27-5 UNIT POW 916 |
| Type of Test    | POOH STATIC GRADIENT       |
| Date(s) of Test | 4/30/13                    |

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### PROBE INFORMATION

Probe Serial Number 9734

Model

Pressure

Calibrated Pressure Range

Accuracy

Resolution

Temperature

Calibrated Temperature Range

Accuracy

Resolution

Calibration File Used for Reports

### PROGRAMMING DETAILS

| <u>Step</u> | <u>Sample Mode</u> | <u>Period</u> | <u>Duration</u> | <u>Comment</u> |
|-------------|--------------------|---------------|-----------------|----------------|
|-------------|--------------------|---------------|-----------------|----------------|

Program Start Time

Program End Time

Total Samples Taken

Usage for this Test

Generic Data File Name

|                 |                            |
|-----------------|----------------------------|
| Company Name    | CONOCOPHILLIPS             |
| Well Name       | SAN JUAN 27-5 UNIT POW 916 |
| Type of Test    | POOH STATIC GRADIENT       |
| Date(s) of Test | 4/30/13                    |

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## COMMENTS

Reported By

PHOENIX SERVICES

RAN 1.75 GR TO 6150'-POOH-RAN TANDEM BHP GAUGES TO 6137'-SET 1 HR-POOH MAKING GRADIENT STOPS.

Company Name CONOCOPHILLIPS  
 Well Name SAN JUAN 27-S UNIT POW 916  
 Type of Test POOH STATIC GRADIENT  
 Date(s) of Test 4/30/13

# Pressure vs. Depth

Probe Serial Number 9734

|      |       | (ft)     | (psig)  | (psi/ft) | (deg F) | (deg F/ft) |
|------|-------|----------|---------|----------|---------|------------|
| 0921 | 1021  | 6137.000 | 122.200 | -        | 163.967 | -          |
| 1022 | 1027  | 5937.000 | 121.674 | 0.0026   | 163.096 | 0.0044     |
| 1029 | 10374 | 5737.000 | 121.191 | 0.0024   | 160.993 | 0.0105     |
| 1035 | 1040  | 5500.000 | 120.546 | 0.0027   | 158.769 | 0.0094     |
| 1041 | 1046  | 5000.000 | 119.257 | 0.0026   | 152.661 | 0.0122     |
| 1048 | 1053  | 4500.000 | 117.993 | 0.0025   | 147.407 | 0.0105     |
| 1055 | 1100  | 4000.000 | 116.695 | 0.0026   | 141.175 | 0.0125     |
| 1102 | 1107  | 3500.000 | 115.396 | 0.0026   | 131.776 | 0.0188     |
| 1109 | 1114  | 3000.000 | 114.188 | 0.0024   | 122.781 | 0.0180     |
| 1116 | 1121  | 2500.000 | 113.138 | 0.0021   | 113.036 | 0.0195     |
| 1123 | 1128  | 2000.000 | 111.945 | 0.0024   | 103.042 | 0.0200     |
| 1130 | 1135  | 1500.000 | 110.763 | 0.0024   | 94.759  | 0.0166     |
| 1137 | 1142  | 1000.000 | 109.225 | 0.0031   | 86.437  | 0.0166     |
| 1143 | 1148  | 500.000  | 108.079 | 0.0023   | 79.671  | 0.0135     |
| 1150 | 1155  | 0.000    | 106.246 | 0.0037   | 72.439  | 0.0145     |

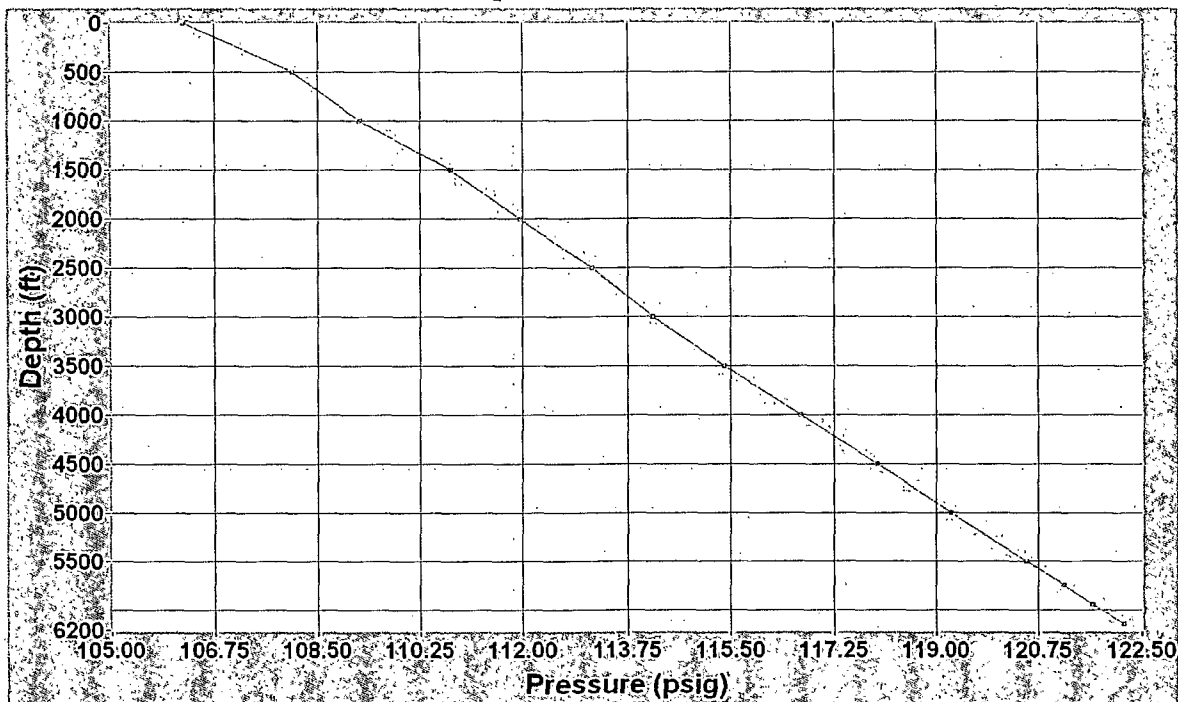
Extrapolated to MPP:

| (ft)  | (psig) | (deg F) |
|-------|--------|---------|
| 0.000 |        |         |

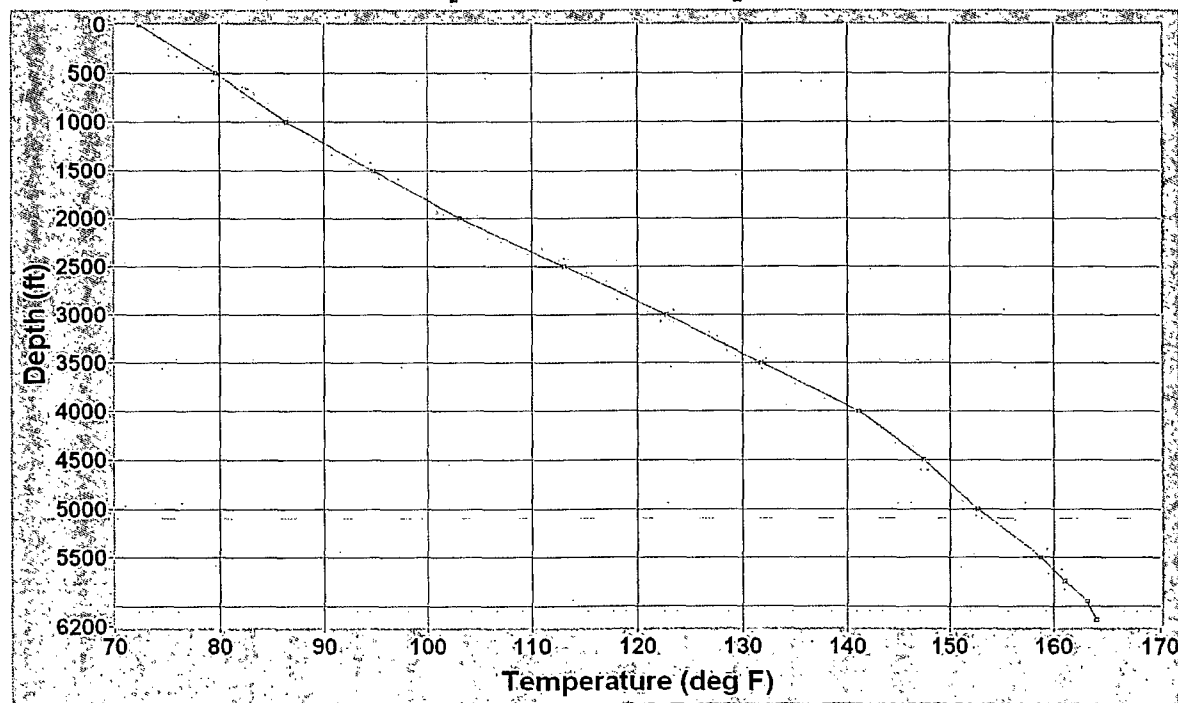
Company Name CONOCOPHILLIPS  
Well Name SAN JUAN 27-5 UNIT POW 916  
Type of Test POOH STATIC GRADIENT  
Date(s) of Test 4/30/13

Probe Serial Number 9734

## 9734 Depth vs. Pressure

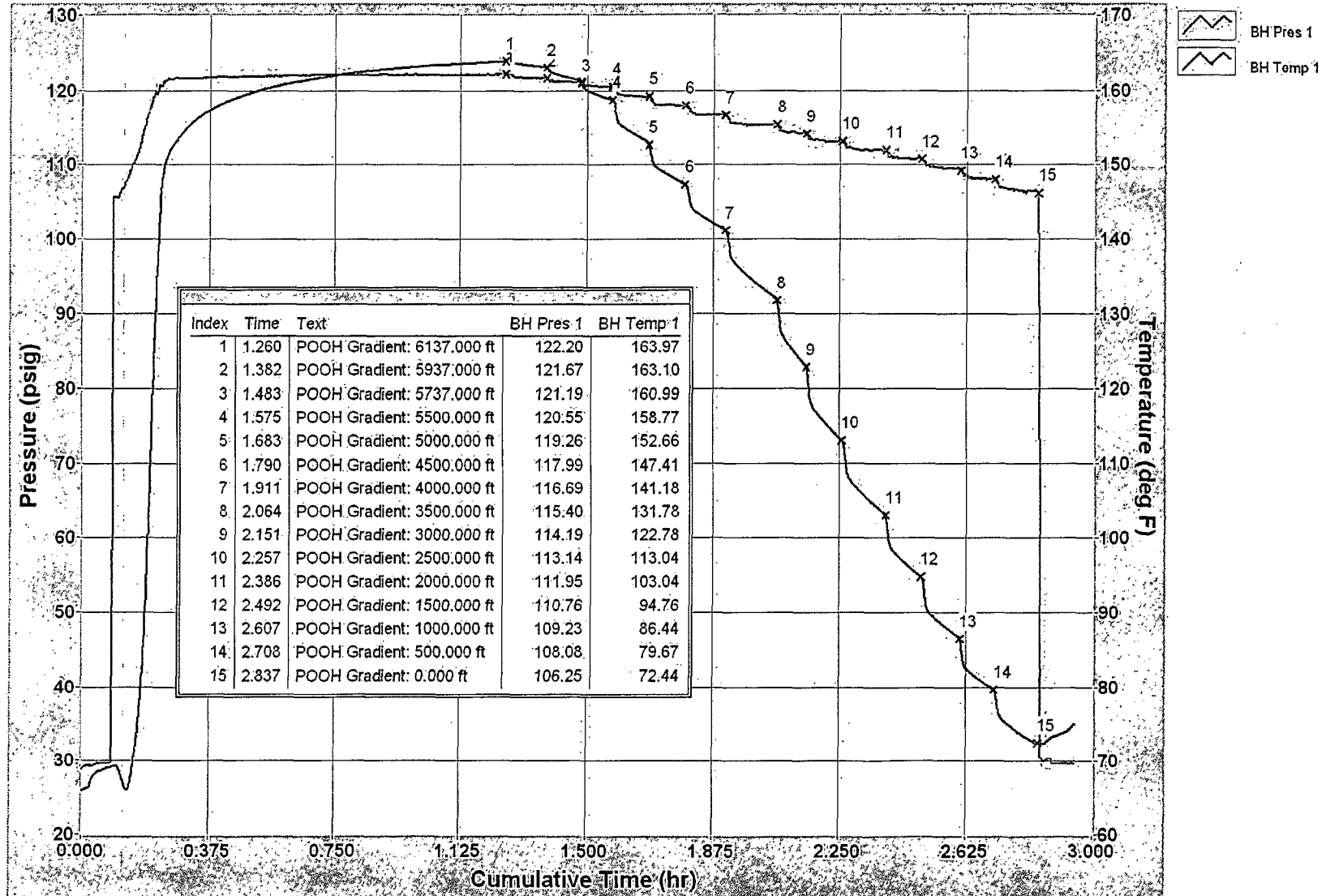


## 9734 Depth vs. Temperature



Company Name CONOCOPHILLIPS  
 Well Name SAN JUAN 27-5 UNIT POW 916  
 Type of Test POOH STATIC GRADIENT  
 Date(s) of Test 4/30/13

## San Juan 27-5 Unit POW #916



Company Name CONOCOPHILLIPS  
Well Name SAN JUAN 27-5 UNIT POW 916  
Type of Test POOH STATIC GRADIENT  
Date(s) of Test 4/30/13

| Date       | Time     | Cum.Time<br>BH1 | BH Pres 1 | BH Temp<br>1 |
|------------|----------|-----------------|-----------|--------------|
|            |          | hr              | psig      | deg F        |
| 2013/04/30 | 09:06:05 | 0.0000          | 28.793    | 65.901       |
| 2013/04/30 | 09:07:05 | 0.0167          | 29.397    | 66.294       |
| 2013/04/30 | 09:08:05 | 0.0333          | 29.367    | 67.876       |
| 2013/04/30 | 09:09:05 | 0.0500          | 29.596    | 68.572       |
| 2013/04/30 | 09:10:05 | 0.0667          | 29.705    | 68.846       |
| 2013/04/30 | 09:11:05 | 0.0833          | 29.771    | 69.159       |
| 2013/04/30 | 09:12:05 | 0.1000          | 105.675   | 69.348       |
| 2013/04/30 | 09:13:05 | 0.1167          | 106.886   | 67.890       |
| 2013/04/30 | 09:14:05 | 0.1333          | 108.394   | 66.097       |
| 2013/04/30 | 09:15:05 | 0.1500          | 110.233   | 69.328       |
| 2013/04/30 | 09:16:05 | 0.1667          | 112.425   | 76.266       |
| 2013/04/30 | 09:17:05 | 0.1833          | 115.206   | 89.087       |
| 2013/04/30 | 09:18:05 | 0.2000          | 118.067   | 110.680      |
| 2013/04/30 | 09:19:05 | 0.2167          | 119.565   | 132.721      |
| 2013/04/30 | 09:20:05 | 0.2333          | 120.680   | 148.032      |
| 2013/04/30 | 09:21:05 | 0.2500          | 121.607   | 151.340      |
| 2013/04/30 | 09:22:05 | 0.2667          | 121.629   | 152.692      |
| 2013/04/30 | 09:23:05 | 0.2833          | 121.669   | 153.720      |
| 2013/04/30 | 09:24:05 | 0.3000          | 121.647   | 154.638      |
| 2013/04/30 | 09:25:05 | 0.3167          | 121.653   | 155.422      |
| 2013/04/30 | 09:26:05 | 0.3333          | 121.676   | 156.094      |
| 2013/04/30 | 09:27:05 | 0.3500          | 121.685   | 156.659      |
| 2013/04/30 | 09:28:05 | 0.3667          | 121.704   | 157.150      |
| 2013/04/30 | 09:29:05 | 0.3833          | 121.778   | 157.600      |
| 2013/04/30 | 09:30:05 | 0.4000          | 121.801   | 157.995      |
| 2013/04/30 | 09:31:05 | 0.4167          | 121.829   | 158.349      |
| 2013/04/30 | 09:32:05 | 0.4333          | 121.832   | 158.680      |
| 2013/04/30 | 09:33:05 | 0.4500          | 121.850   | 158.974      |
| 2013/04/30 | 09:34:05 | 0.4667          | 121.900   | 159.251      |
| 2013/04/30 | 09:35:05 | 0.4833          | 121.913   | 159.507      |
| 2013/04/30 | 09:36:05 | 0.5000          | 121.921   | 159.730      |
| 2013/04/30 | 09:37:05 | 0.5167          | 121.949   | 159.951      |
| 2013/04/30 | 09:38:05 | 0.5333          | 121.969   | 160.160      |
| 2013/04/30 | 09:39:05 | 0.5500          | 121.992   | 160.351      |
| 2013/04/30 | 09:40:05 | 0.5667          | 121.985   | 160.540      |
| 2013/04/30 | 09:41:05 | 0.5833          | 121.982   | 160.702      |
| 2013/04/30 | 09:42:05 | 0.6000          | 122.017   | 160.876      |
| 2013/04/30 | 09:43:05 | 0.6167          | 122.044   | 161.033      |
| 2013/04/30 | 09:44:05 | 0.6333          | 122.044   | 161.179      |
| 2013/04/30 | 09:45:05 | 0.6500          | 122.083   | 161.321      |
| 2013/04/30 | 09:46:05 | 0.6667          | 122.075   | 161.449      |
| 2013/04/30 | 09:47:05 | 0.6833          | 122.096   | 161.582      |
| 2013/04/30 | 09:48:05 | 0.7000          | 122.098   | 161.710      |
| 2013/04/30 | 09:49:05 | 0.7167          | 122.101   | 161.827      |
| 2013/04/30 | 09:50:05 | 0.7333          | 122.124   | 161.946      |
| 2013/04/30 | 09:51:05 | 0.7500          | 122.129   | 162.050      |
| 2013/04/30 | 09:52:05 | 0.7667          | 122.155   | 162.153      |
| 2013/04/30 | 09:53:05 | 0.7833          | 122.151   | 162.248      |
| 2013/04/30 | 09:54:05 | 0.8000          | 122.137   | 162.349      |
| 2013/04/30 | 09:55:05 | 0.8167          | 122.174   | 162.441      |

| Date                       | Time     | Cum.Time<br>BH1 | BH Pres 1 | BH Temp<br>1 |
|----------------------------|----------|-----------------|-----------|--------------|
|                            |          | hr              | psig      | deg F        |
| 2013/04/30                 | 09:56:05 | 0.8333          | 122.103   | 162.531      |
| 2013/04/30                 | 09:57:05 | 0.8500          | 122.119   | 162.624      |
| 2013/04/30                 | 09:58:05 | 0.8667          | 122.128   | 162.700      |
| 2013/04/30                 | 09:59:05 | 0.8833          | 122.187   | 162.772      |
| 2013/04/30                 | 10:00:05 | 0.9000          | 122.215   | 162.851      |
| 2013/04/30                 | 10:01:05 | 0.9167          | 122.166   | 162.927      |
| 2013/04/30                 | 10:02:05 | 0.9333          | 122.166   | 162.999      |
| 2013/04/30                 | 10:03:05 | 0.9500          | 122.146   | 163.069      |
| 2013/04/30                 | 10:04:05 | 0.9667          | 122.186   | 163.141      |
| 2013/04/30                 | 10:05:05 | 0.9833          | 122.178   | 163.193      |
| 2013/04/30                 | 10:06:05 | 1.0000          | 122.170   | 163.254      |
| 2013/04/30                 | 10:07:05 | 1.0167          | 122.181   | 163.319      |
| 2013/04/30                 | 10:08:05 | 1.0333          | 122.184   | 163.368      |
| 2013/04/30                 | 10:09:05 | 1.0500          | 122.147   | 163.423      |
| 2013/04/30                 | 10:10:05 | 1.0667          | 122.159   | 163.479      |
| 2013/04/30                 | 10:11:05 | 1.0833          | 122.153   | 163.521      |
| 2013/04/30                 | 10:12:05 | 1.1000          | 122.176   | 163.569      |
| 2013/04/30                 | 10:13:05 | 1.1167          | 122.129   | 163.625      |
| 2013/04/30                 | 10:14:05 | 1.1333          | 122.153   | 163.665      |
| 2013/04/30                 | 10:15:05 | 1.1500          | 122.166   | 163.711      |
| 2013/04/30                 | 10:16:05 | 1.1667          | 122.160   | 163.756      |
| 2013/04/30                 | 10:17:05 | 1.1833          | 122.175   | 163.794      |
| 2013/04/30                 | 10:18:05 | 1.2000          | 122.170   | 163.832      |
| 2013/04/30                 | 10:19:05 | 1.2167          | 122.175   | 163.868      |
| 2013/04/30                 | 10:20:05 | 1.2333          | 122.190   | 163.900      |
| 2013/04/30                 | 10:21:05 | 1.2500          | 122.202   | 163.951      |
| POOH Gradient: 6137.000 ft |          |                 |           |              |
| 2013/04/30                 | 10:21:40 | 1.2597          | 122.200   | 163.967      |
| 2013/04/30                 | 10:22:05 | 1.2667          | 122.188   | 163.989      |
| 2013/04/30                 | 10:23:05 | 1.2833          | 121.926   | 163.753      |
| 2013/04/30                 | 10:24:05 | 1.3000          | 121.856   | 163.623      |
| 2013/04/30                 | 10:25:05 | 1.3167          | 121.763   | 163.513      |
| 2013/04/30                 | 10:26:05 | 1.3333          | 121.729   | 163.407      |
| 2013/04/30                 | 10:27:05 | 1.3500          | 121.701   | 163.321      |
| 2013/04/30                 | 10:28:05 | 1.3667          | 121.694   | 163.231      |
| POOH Gradient: 5937.000 ft |          |                 |           |              |
| 2013/04/30                 | 10:29:00 | 1.3819          | 121.674   | 163.096      |
| 2013/04/30                 | 10:29:05 | 1.3833          | 121.674   | 163.018      |
| 2013/04/30                 | 10:30:05 | 1.4000          | 121.254   | 162.374      |
| 2013/04/30                 | 10:31:05 | 1.4167          | 121.242   | 162.113      |
| 2013/04/30                 | 10:32:05 | 1.4333          | 121.233   | 161.895      |
| 2013/04/30                 | 10:33:05 | 1.4500          | 121.221   | 161.699      |
| 2013/04/30                 | 10:34:05 | 1.4667          | 121.168   | 161.515      |
| POOH Gradient: 5737.000 ft |          |                 |           |              |
| 2013/04/30                 | 10:35:05 | 1.4833          | 121.191   | 160.993      |
| 2013/04/30                 | 10:36:05 | 1.5000          | 120.763   | 160.074      |
| 2013/04/30                 | 10:37:05 | 1.5167          | 120.685   | 159.723      |
| 2013/04/30                 | 10:38:05 | 1.5333          | 120.611   | 159.413      |
| 2013/04/30                 | 10:39:05 | 1.5500          | 120.562   | 159.139      |
| 2013/04/30                 | 10:40:05 | 1.5667          | 120.548   | 158.891      |

Company Name CONOCOPHILLIPS  
Well Name SAN JUAN 27-5 UNIT POW 916  
Type of Test POOH STATIC GRADIENT  
Date(s) of Test 4/30/13

| Date                       | Time     | Cum.Time<br>BH1 | BH Pres 1 | BH Temp<br>1 |
|----------------------------|----------|-----------------|-----------|--------------|
|                            |          | hr              | psig      | deg F        |
| POOH Gradient: 5500.000 ft |          |                 |           |              |
| 2013/04/30                 | 10:40:35 | 1.5750          | 120.546   | 158.769      |
| 2013/04/30                 | 10:41:05 | 1.5833          | 120.158   | 157.717      |
| 2013/04/30                 | 10:42:05 | 1.6000          | 119.448   | 155.390      |
| 2013/04/30                 | 10:43:05 | 1.6167          | 119.373   | 154.827      |
| 2013/04/30                 | 10:44:05 | 1.6333          | 119.337   | 154.332      |
| 2013/04/30                 | 10:45:05 | 1.6500          | 119.325   | 153.876      |
| 2013/04/30                 | 10:46:05 | 1.6667          | 119.191   | 153.457      |
| POOH Gradient: 5000.000 ft |          |                 |           |              |
| 2013/04/30                 | 10:47:05 | 1.6833          | 119.257   | 152.661      |
| 2013/04/30                 | 10:48:05 | 1.7000          | 118.172   | 149.880      |
| 2013/04/30                 | 10:49:05 | 1.7167          | 118.129   | 149.310      |
| 2013/04/30                 | 10:50:05 | 1.7333          | 118.101   | 148.843      |
| 2013/04/30                 | 10:51:05 | 1.7500          | 118.070   | 148.397      |
| 2013/04/30                 | 10:52:05 | 1.7667          | 118.045   | 147.972      |
| 2013/04/30                 | 10:53:05 | 1.7833          | 118.009   | 147.564      |
| POOH Gradient: 4500.000 ft |          |                 |           |              |
| 2013/04/30                 | 10:53:30 | 1.7903          | 117.993   | 147.407      |
| 2013/04/30                 | 10:54:05 | 1.8000          | 117.785   | 146.404      |
| 2013/04/30                 | 10:55:05 | 1.8167          | 116.919   | 143.902      |
| 2013/04/30                 | 10:56:05 | 1.8333          | 116.726   | 143.332      |
| 2013/04/30                 | 10:57:05 | 1.8500          | 116.745   | 142.821      |
| 2013/04/30                 | 10:58:05 | 1.8667          | 116.703   | 142.336      |
| 2013/04/30                 | 10:59:05 | 1.8833          | 116.722   | 141.886      |
| 2013/04/30                 | 11:00:05 | 1.9000          | 116.683   | 141.445      |
| POOH Gradient: 4000.000 ft |          |                 |           |              |
| 2013/04/30                 | 11:00:45 | 1.9111          | 116.695   | 141.175      |
| 2013/04/30                 | 11:01:05 | 1.9167          | 116.511   | 140.554      |
| 2013/04/30                 | 11:02:05 | 1.9333          | 115.590   | 137.203      |
| 2013/04/30                 | 11:03:05 | 1.9500          | 115.573   | 136.319      |
| 2013/04/30                 | 11:04:05 | 1.9667          | 115.470   | 135.561      |
| 2013/04/30                 | 11:05:05 | 1.9833          | 115.340   | 134.861      |
| 2013/04/30                 | 11:06:05 | 2.0000          | 115.363   | 134.211      |
| 2013/04/30                 | 11:07:05 | 2.0167          | 115.374   | 133.585      |
| 2013/04/30                 | 11:08:05 | 2.0333          | 115.350   | 133.002      |
| 2013/04/30                 | 11:09:05 | 2.0500          | 115.377   | 132.449      |
| POOH Gradient: 3500.000 ft |          |                 |           |              |
| 2013/04/30                 | 11:09:55 | 2.0639          | 115.396   | 131.776      |
| 2013/04/30                 | 11:10:05 | 2.0667          | 114.995   | 131.005      |
| 2013/04/30                 | 11:11:05 | 2.0833          | 114.469   | 126.991      |
| 2013/04/30                 | 11:12:05 | 2.1000          | 114.311   | 125.830      |
| 2013/04/30                 | 11:13:05 | 2.1167          | 114.299   | 124.826      |
| 2013/04/30                 | 11:14:05 | 2.1333          | 114.213   | 123.879      |
| 2013/04/30                 | 11:15:05 | 2.1500          | 114.167   | 122.976      |
| POOH Gradient: 3000.000 ft |          |                 |           |              |
| 2013/04/30                 | 11:15:10 | 2.1514          | 114.188   | 122.781      |
| 2013/04/30                 | 11:16:05 | 2.1667          | 113.529   | 118.076      |
| 2013/04/30                 | 11:17:05 | 2.1833          | 113.360   | 116.794      |
| 2013/04/30                 | 11:18:05 | 2.2000          | 113.268   | 115.846      |
| 2013/04/30                 | 11:19:05 | 2.2167          | 113.055   | 114.966      |

| Date                       | Time     | Cum.Time<br>BH1 | BH Pres 1 | BH Temp<br>1 |
|----------------------------|----------|-----------------|-----------|--------------|
|                            |          | hr              | psig      | deg F        |
| 2013/04/30                 | 11:20:05 | 2.2333          | 113.113   | 114.130      |
| 2013/04/30                 | 11:21:05 | 2.2500          | 113.125   | 113.351      |
| POOH Gradient: 2500.000 ft |          |                 |           |              |
| 2013/04/30                 | 11:21:30 | 2.2569          | 113.138   | 113.036      |
| 2013/04/30                 | 11:22:05 | 2.2667          | 112.505   | 110.802      |
| 2013/04/30                 | 11:23:05 | 2.2833          | 112.254   | 107.744      |
| 2013/04/30                 | 11:24:05 | 2.3000          | 112.026   | 106.812      |
| 2013/04/30                 | 11:25:05 | 2.3167          | 111.933   | 106.012      |
| 2013/04/30                 | 11:26:05 | 2.3333          | 111.997   | 105.260      |
| 2013/04/30                 | 11:27:05 | 2.3500          | 111.963   | 104.553      |
| 2013/04/30                 | 11:28:05 | 2.3667          | 111.986   | 103.883      |
| 2013/04/30                 | 11:29:05 | 2.3833          | 111.931   | 103.253      |
| POOH Gradient: 2000.000 ft |          |                 |           |              |
| 2013/04/30                 | 11:29:15 | 2.3861          | 111.945   | 103.042      |
| 2013/04/30                 | 11:30:05 | 2.4000          | 111.219   | 99.061       |
| 2013/04/30                 | 11:31:05 | 2.4167          | 110.984   | 97.902       |
| 2013/04/30                 | 11:32:05 | 2.4333          | 110.865   | 97.106       |
| 2013/04/30                 | 11:33:05 | 2.4500          | 110.876   | 96.399       |
| 2013/04/30                 | 11:34:05 | 2.4667          | 110.758   | 95.711       |
| 2013/04/30                 | 11:35:05 | 2.4833          | 110.796   | 95.067       |
| POOH Gradient: 1500.000 ft |          |                 |           |              |
| 2013/04/30                 | 11:35:35 | 2.4917          | 110.763   | 94.759       |
| 2013/04/30                 | 11:36:05 | 2.5000          | 110.427   | 93.387       |
| 2013/04/30                 | 11:37:05 | 2.5167          | 109.744   | 90.037       |
| 2013/04/30                 | 11:38:05 | 2.5333          | 109.639   | 89.269       |
| 2013/04/30                 | 11:39:05 | 2.5500          | 109.624   | 88.610       |
| 2013/04/30                 | 11:40:05 | 2.5667          | 109.504   | 87.994       |
| 2013/04/30                 | 11:41:05 | 2.5833          | 109.505   | 87.411       |
| 2013/04/30                 | 11:42:05 | 2.6000          | 109.438   | 86.853       |
| POOH Gradient: 1000.000 ft |          |                 |           |              |
| 2013/04/30                 | 11:42:30 | 2.6069          | 109.225   | 86.437       |
| 2013/04/30                 | 11:43:05 | 2.6167          | 108.573   | 83.413       |
| 2013/04/30                 | 11:44:05 | 2.6333          | 108.325   | 82.173       |
| 2013/04/30                 | 11:45:05 | 2.6500          | 108.143   | 81.556       |
| 2013/04/30                 | 11:46:05 | 2.6667          | 108.183   | 80.991       |
| 2013/04/30                 | 11:47:05 | 2.6833          | 108.026   | 80.447       |
| 2013/04/30                 | 11:48:05 | 2.7000          | 108.058   | 79.929       |
| POOH Gradient: 500.000 ft  |          |                 |           |              |
| 2013/04/30                 | 11:48:35 | 2.7083          | 108.079   | 79.671       |
| 2013/04/30                 | 11:49:05 | 2.7167          | 107.602   | 78.118       |
| 2013/04/30                 | 11:50:05 | 2.7333          | 107.023   | 75.574       |
| 2013/04/30                 | 11:51:05 | 2.7500          | 106.764   | 74.941       |
| 2013/04/30                 | 11:52:05 | 2.7667          | 106.646   | 74.361       |
| 2013/04/30                 | 11:53:05 | 2.7833          | 106.628   | 73.816       |
| 2013/04/30                 | 11:54:05 | 2.8000          | 106.254   | 73.303       |
| 2013/04/30                 | 11:55:05 | 2.8167          | 106.550   | 72.829       |
| 2013/04/30                 | 11:56:05 | 2.8333          | 106.467   | 72.424       |
| POOH Gradient: 0.000 ft    |          |                 |           |              |
| 2013/04/30                 | 11:56:20 | 2.8375          | 106.246   | 72.439       |
| 2013/04/30                 | 11:57:05 | 2.8500          | 30.398    | 72.365       |

Company Name CONOCOPHILLIPS  
Well Name SAN JUAN 27-5 UNIT POW 916  
Type of Test POOH STATIC GRADIENT  
Date(s) of Test 4/30/13

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| Date       | Time     | Cum.Time<br>BH1 | BH Pres 1 | BH Temp<br>1 |
|------------|----------|-----------------|-----------|--------------|
|            |          | hr              | psig      | deg F        |
| 2013/04/30 | 11:58:05 | 2.8667          | 30.290    | 72.707       |
| 2013/04/30 | 11:59:05 | 2.8833          | 29.766    | 73.283       |
| 2013/04/30 | 12:00:05 | 2.9000          | 29.723    | 73.533       |
| 2013/04/30 | 12:01:05 | 2.9167          | 29.712    | 73.868       |
| 2013/04/30 | 12:02:05 | 2.9333          | 29.640    | 74.343       |