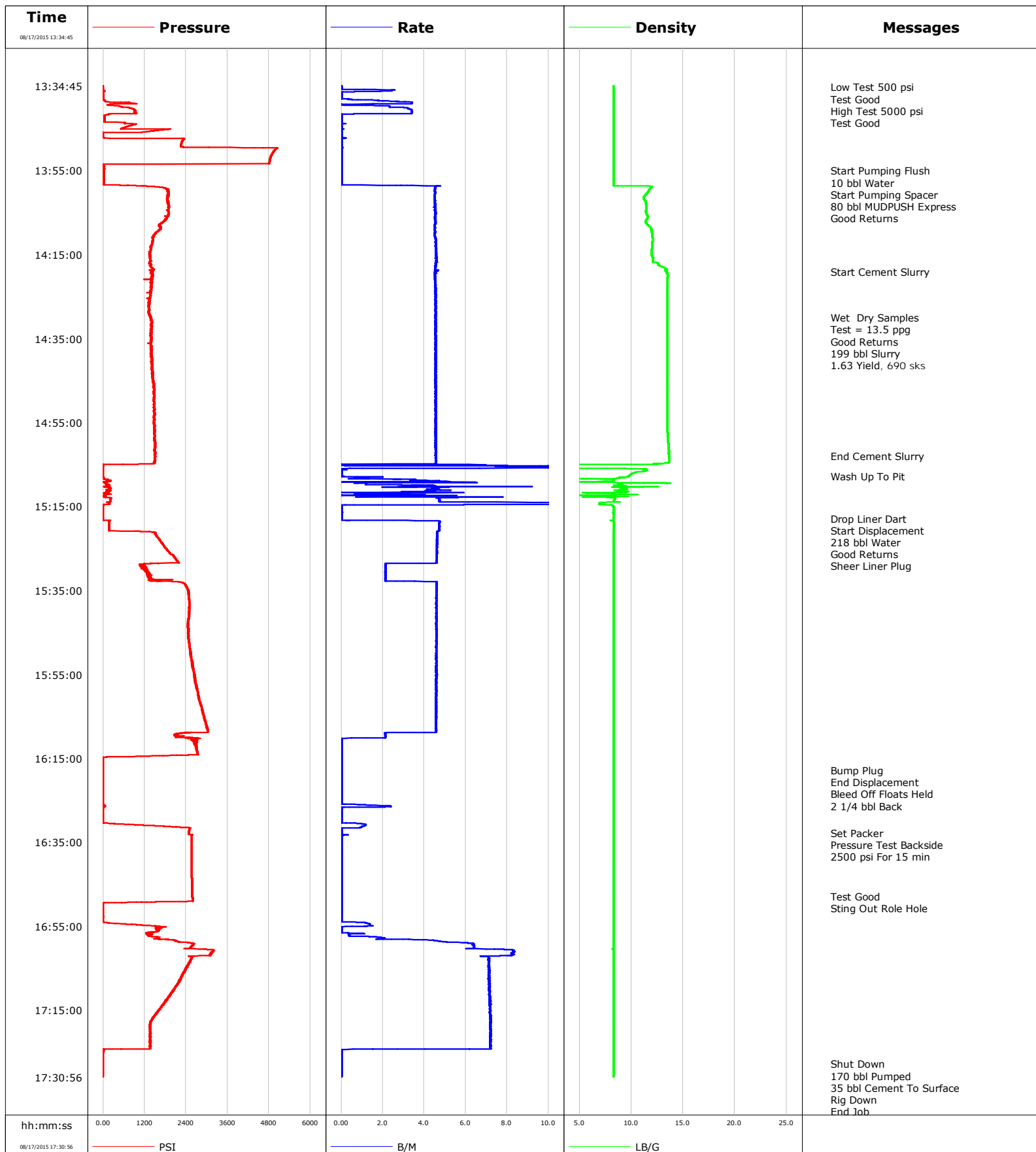
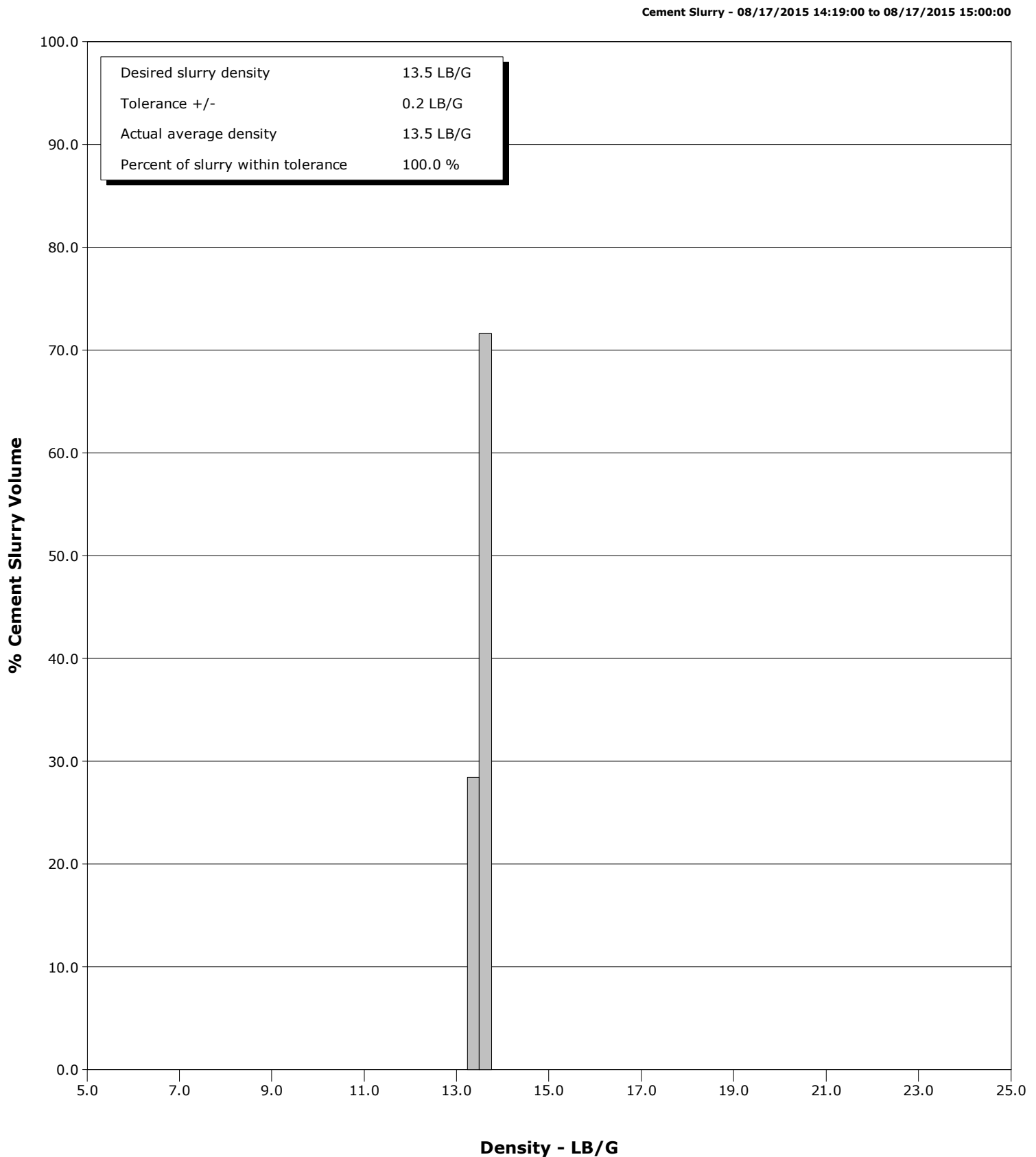


|                 |                               |                 |             |
|-----------------|-------------------------------|-----------------|-------------|
| <b>Well</b>     | Viper Pyro 26N-14HZ           | <b>Client</b>   | Anadarko    |
| <b>Field</b>    | Wattenberge                   | <b>SIR No.</b>  | D5VO-00758  |
| <b>Engineer</b> | Jordan Moreland / Stacy Terry | <b>Job Type</b> | 4 1/2 Liner |
| <b>Country</b>  |                               | <b>Job Date</b> |             |



**Well** Viper Pyro 26N-14HZ  
**Field** Wattenberge  
**Engineer** Jordan Moreland / Stacy Terry  
**Country**

**Client** Anadarko  
**SIR No.** D5VO-00758  
**Job Type** 4 1/2 Liner  
**Job Date**



# Cementing Service Report

|   |                        |  |                     | Customer<br>Anadarko          |                  |                              |                    | Job Number<br>D5VO-00758 |                          |                        |                                |               |        |                      |        |
|---|------------------------|--|---------------------|-------------------------------|------------------|------------------------------|--------------------|--------------------------|--------------------------|------------------------|--------------------------------|---------------|--------|----------------------|--------|
| Well<br>Viper Pyro 26N-14HZ   |                        |  | Location (legal)    |                               |                  | Schlumberger Location<br>CWY |                    |                          | Job Start<br>Aug/17/2015 |                        |                                |               |        |                      |        |
| Field<br>Wattenberge  |                        | Formation Name/Type  |                     |                               | Deviation<br>deg |                              | Bit Size<br>6.3 in |                          | Well MD<br>ft            |                        | Well TVD<br>ft                 |               |        |                      |        |
| County<br>Weld  |                        | State/Province<br>Colorado   |                     |                               | BHP<br>psi       |                              | BHST<br>232 degF   |                          | BHCT<br>232 degF         |                        | Pore Press. Gradient<br>lb/gal |               |        |                      |        |
| Well Master<br>0631633572   |                        | API/UWI<br>05123414250000  |                     |                               |                  |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| Rig Name<br>Precision 462   |                        | Drilled For<br>Oil   |                     | Service Via<br>Land           |                  | Casing/ Liner                |                    |                          |                          |                        |                                |               |        |                      |        |
|   |                        |  |                     |                               |                  | Depth, ft                    |                    | Size, in                 |                          | Weight, lb/ft          |                                | Grade         | Thread |                      |        |
| Offshore Zone   |                        | Well Class<br>New  |                     | Well Type<br>Development      |                  | 17023.0                      |                    | 4.5                      |                          | 11.6                   |                                | P110          | 8RD    |                      |        |
|   |                        |  |                     |                               |                  | 0.0                          |                    | 0.0                      |                          | 0.0                    |                                |               |        |                      |        |
| Drilling Fluid Type   |                        | Max. Density<br>lb/gal   |                     | Plastic Viscosity<br>cP       |                  | Tubing/Drill Pipe            |                    |                          |                          |                        |                                |               |        |                      |        |
|   |                        |  |                     |                               |                  | T/D                          |                    | Depth, ft                |                          | Size, in               |                                | Weight, lb/ft |        | Grade                | Thread |
| Service Line<br>Cementing   |                        | Job Type<br>4 1/2 Liner  |                     |                               |                  |                              |                    |                          |                          |                        |                                |               |        |                      |        |
|   |                        |  |                     |                               |                  |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| Max. Allowed Tub. Press<br>psi  |                        | Max. Allowed Ann. Press<br>psi   |                     | WH Connection                 |                  | Perforations/Open Hole       |                    |                          |                          |                        |                                |               |        |                      |        |
|   |                        |  |                     |                               |                  | Top, ft                      |                    | Bottom, ft               |                          | shot/ft                |                                | No. of Shots  |        | Total Interval<br>ft |        |
| Service Instructions<br>Rate And Density Checked<br>10 bbl Water<br>80 bbl MUDPUSH Express W/Surfactant<br>690 sks Liner Slurry<br>Displace 218 bbl Water |                        |  |                     |                               |                  | ft                           |                    | ft                       |                          |                        |                                |               |        |                      |        |
|   |                        |  |                     |                               |                  | ft                           |                    | ft                       |                          |                        |                                |               |        | Diameter<br>in       |        |
|   |                        |  |                     |                               |                  | ft                           |                    | ft                       |                          |                        |                                |               |        |                      |        |
|   |                        | Treat Down<br>Drill Pipe   |                     | Displacement<br>218.0 bbl     |                  | Packer Type                  |                    | Packer Depth<br>ft       |                          |                        |                                |               |        |                      |        |
|   |                        | Tubing Vol.<br>bbl   |                     | Casing Vol.<br>164.0 bbl      |                  | Annular Vol.<br>bbl          |                    | Openhole Vol.<br>bbl     |                          |                        |                                |               |        |                      |        |
| Casing/Tubing Secured <input checked="" type="checkbox"/>   |                        | 1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/> |                     |                               |                  | Casing Tools                 |                    |                          |                          | Squeeze Job            |                                |               |        |                      |        |
| Lift Pressure<br>psi  |                        |  |                     |                               |                  | Shoe Type<br>Float           |                    |                          |                          | Squeeze Type           |                                |               |        |                      |        |
| Pipe Rotated <input type="checkbox"/>   |                        | Pipe Reciprocated <input type="checkbox"/>                                 |                     |                               |                  | Shoe Depth<br>17023.0 ft     |                    |                          |                          | Tool Type              |                                |               |        |                      |        |
| No. Centralizers  |                        | Top Plugs<br>1   |                     | Bottom Plugs                  |                  | Stage Tool Type              |                    |                          |                          | Tool Depth<br>ft       |                                |               |        |                      |        |
| Cement Head Type<br>Single  |                        |  |                     |                               |                  | Stage Tool Depth<br>ft       |                    |                          |                          | Tail Pipe Size<br>in   |                                |               |        |                      |        |
| Job Scheduled For<br>Aug/17/2015  |                        | Arrived on Location<br>Aug/17/2015   |                     | Leave Location<br>Aug/17/2015 |                  | Collar Type<br>Float         |                    |                          |                          | Tail Pipe Depth<br>ft  |                                |               |        |                      |        |
|   |                        |  |                     |                               |                  | Collar Depth<br>16931.0 ft   |                    |                          |                          | Sqz. Total Vol.<br>bbl |                                |               |        |                      |        |
| Date  | Time<br>24-hr<br>clock | Treating<br>Pressure<br>PSI  | Flow<br>Rate<br>B/M | Density<br>LB/G               | Volume<br>BBL    | Message                      |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:34:45               | -5   | 0.0                 | 8.29                          | 0.0              | Started Acquisition          |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:35:00               | -5   | 0.0                 | 8.29                          | 0.0              | Low Test 500 psi             |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:36:45               | 5  | 0.0                 | 8.29                          | 1.1              |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:37:00               | 6  | 0.0                 | 8.29                          | 1.1              | High Test 5000 psi           |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:38:45               | 755  | 3.4                 | 8.29                          | 2.7              |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:40:45               | 934  | 3.4                 | 8.29                          | 7.8              |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:42:45               | 40   | 0.0                 | 8.29                          | 10.2             |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:44:45               | 594  | 0.0                 | 8.29                          | 10.3             |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:46:45               | -4   | 0.0                 | 8.29                          | 10.3             |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:48:45               | 2253   | 0.0                 | 8.29                          | 10.3             |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:50:45               | 4906   | 0.0                 | 8.29                          | 10.3             |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:52:45               | 4813   | 0.0                 | 8.29                          | 10.3             |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:54:45               | 27   | 0.0                 | 8.29                          | 10.3             |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:55:00               | 26   | 0.0                 | 8.29                          | 10.3             | Start Pumping Flush          |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:56:45               | 24   | 0.0                 | 8.29                          | 10.3             |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 13:58:45               | 1475   | 4.5                 | 11.97                         | 11.5             |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 14:00:00               | 1905   | 4.5                 | 11.64                         | 17.1             | Start Pumping Spacer         |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 14:00:45               | 1886   | 4.5                 | 11.36                         | 20.5             |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 14:02:45               | 1877   | 4.5                 | 11.42                         | 29.5             |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 14:04:45               | 1900   | 4.5                 | 11.42                         | 38.6             |                              |                    |                          |                          |                        |                                |               |        |                      |        |
| 08/17/2015  | 14:06:45               | 1798   | 4.5                 | 11.45                         | 47.6             |                              |                    |                          |                          |                        |                                |               |        |                      |        |

| Well                |                        |                             | Field               | Job Start       |               | Customer            |          | Job Number |            |
|---------------------|------------------------|-----------------------------|---------------------|-----------------|---------------|---------------------|----------|------------|------------|
| Viper Pyro 26N-14HZ |                        |                             | Wattenberge         |                 | Aug/17/2015   |                     | Anadarko |            | D5VO-00758 |
| Date                | Time<br>24-hr<br>clock | Treating<br>Pressure<br>PSI | Flow<br>Rate<br>B/M | Density<br>LB/G | Volume<br>BBL | Message             |          |            |            |
| 08/17/2015          | 14:10:45               | 1450                        | 4.5                 | 12.03           | 65.7          |                     |          |            |            |
| 08/17/2015          | 14:12:45               | 1394                        | 4.6                 | 12.01           | 74.8          |                     |          |            |            |
| 08/17/2015          | 14:14:45               | 1366                        | 4.6                 | 11.96           | 83.9          |                     |          |            |            |
| 08/17/2015          | 14:16:45               | 1341                        | 4.6                 | 12.06           | 93.1          |                     |          |            |            |
| 08/17/2015          | 14:18:45               | 1436                        | 4.6                 | 13.28           | 102.2         |                     |          |            |            |
| 08/17/2015          | 14:19:00               | 1431                        | 4.5                 | 13.39           | 103.4         | Start Cement Slurry |          |            |            |
| 08/17/2015          | 14:20:45               | 1429                        | 4.5                 | 13.48           | 111.3         |                     |          |            |            |
| 08/17/2015          | 14:22:45               | 1372                        | 4.5                 | 13.48           | 120.4         |                     |          |            |            |
| 08/17/2015          | 14:24:45               | 1369                        | 4.6                 | 13.49           | 129.5         |                     |          |            |            |
| 08/17/2015          | 14:26:45               | 1314                        | 4.5                 | 13.49           | 138.5         |                     |          |            |            |
| 08/17/2015          | 14:28:45               | 1303                        | 4.5                 | 13.50           | 147.6         |                     |          |            |            |
| 08/17/2015          | 14:30:00               | 1375                        | 4.5                 | 13.52           | 153.3         | Wet Dry Samples     |          |            |            |
| 08/17/2015          | 14:30:45               | 1405                        | 4.5                 | 13.51           | 156.8         |                     |          |            |            |
| 08/17/2015          | 14:32:45               | 1391                        | 4.5                 | 13.51           | 165.9         |                     |          |            |            |
| 08/17/2015          | 14:34:45               | 1397                        | 4.6                 | 13.50           | 174.9         |                     |          |            |            |
| 08/17/2015          | 14:36:45               | 1397                        | 4.6                 | 13.50           | 184.1         |                     |          |            |            |
| 08/17/2015          | 14:38:45               | 1405                        | 4.6                 | 13.50           | 193.2         |                     |          |            |            |
| 08/17/2015          | 14:40:45               | 1403                        | 4.6                 | 13.51           | 202.3         |                     |          |            |            |
| 08/17/2015          | 14:42:45               | 1412                        | 4.6                 | 13.51           | 211.4         |                     |          |            |            |
| 08/17/2015          | 14:44:45               | 1448                        | 4.6                 | 13.51           | 220.5         |                     |          |            |            |
| 08/17/2015          | 14:46:45               | 1450                        | 4.6                 | 13.50           | 229.6         |                     |          |            |            |
| 08/17/2015          | 14:48:45               | 1491                        | 4.6                 | 13.51           | 238.7         |                     |          |            |            |
| 08/17/2015          | 14:50:45               | 1469                        | 4.6                 | 13.51           | 247.8         |                     |          |            |            |
| 08/17/2015          | 14:52:45               | 1495                        | 4.6                 | 13.51           | 256.9         |                     |          |            |            |
| 08/17/2015          | 14:54:45               | 1469                        | 4.6                 | 13.51           | 266.0         |                     |          |            |            |
| 08/17/2015          | 14:56:45               | 1489                        | 4.6                 | 13.51           | 275.1         |                     |          |            |            |
| 08/17/2015          | 14:58:45               | 1495                        | 4.6                 | 13.53           | 284.2         |                     |          |            |            |
| 08/17/2015          | 15:00:00               | 1509                        | 4.6                 | 13.57           | 289.9         | End Cement Slurry   |          |            |            |
| 08/17/2015          | 15:00:45               | 1495                        | 4.6                 | 13.60           | 293.3         |                     |          |            |            |
| 08/17/2015          | 15:02:45               | 1486                        | 4.5                 | 13.62           | 302.4         |                     |          |            |            |
| 08/17/2015          | 15:04:45               | 1482                        | 4.6                 | 12.48           | 311.6         |                     |          |            |            |
| 08/17/2015          | 15:05:00               | 9                           | 1.4                 | 4.57            | 312.3         | Wash Up To Pit      |          |            |            |
| 08/17/2015          | 15:06:45               | -11                         | 0.0                 | 10.70           | 319.1         |                     |          |            |            |
| 08/17/2015          | 15:08:45               | 186                         | 3.7                 | 8.28            | 320.6         |                     |          |            |            |
| 08/17/2015          | 15:10:45               | 210                         | 4.6                 | 9.30            | 327.5         |                     |          |            |            |
| 08/17/2015          | 15:12:45               | 31                          | 7.8                 | 5.29            | 333.7         |                     |          |            |            |
| 08/17/2015          | 15:14:45               | 0                           | 0.0                 | 8.17            | 346.4         |                     |          |            |            |
| 08/17/2015          | 15:15:00               | -5                          | 0.0                 | 8.28            | 346.4         | Drop Liner Dart     |          |            |            |
| 08/17/2015          | 15:16:45               | -4                          | 0.0                 | 8.28            | 346.4         |                     |          |            |            |
| 08/17/2015          | 15:18:45               | 171                         | 4.7                 | 8.33            | 348.4         |                     |          |            |            |
| 08/17/2015          | 15:20:45               | 172                         | 4.7                 | 8.33            | 357.8         |                     |          |            |            |
| 08/17/2015          | 15:22:45               | 1618                        | 4.6                 | 8.29            | 367.1         |                     |          |            |            |
| 08/17/2015          | 15:24:45               | 1785                        | 4.6                 | 8.29            | 376.3         |                     |          |            |            |
| 08/17/2015          | 15:25:00               | 1826                        | 4.6                 | 8.29            | 377.5         | Sheer Liner Plug    |          |            |            |
| 08/17/2015          | 15:26:45               | 2026                        | 4.6                 | 8.29            | 385.5         |                     |          |            |            |
| 08/17/2015          | 15:28:45               | 1209                        | 2.1                 | 8.29            | 394.2         |                     |          |            |            |
| 08/17/2015          | 15:30:45               | 1332                        | 2.1                 | 8.29            | 398.5         |                     |          |            |            |
| 08/17/2015          | 15:32:45               | 1661                        | 2.1                 | 8.29            | 402.7         |                     |          |            |            |
| 08/17/2015          | 15:34:45               | 2451                        | 4.6                 | 8.29            | 411.7         |                     |          |            |            |
| 08/17/2015          | 15:36:45               | 2482                        | 4.6                 | 8.29            | 420.9         |                     |          |            |            |
| 08/17/2015          | 15:38:45               | 2488                        | 4.6                 | 8.29            | 430.0         |                     |          |            |            |
| 08/17/2015          | 15:40:45               | 2485                        | 4.6                 | 8.29            | 439.2         |                     |          |            |            |
| 08/17/2015          | 15:42:45               | 2456                        | 4.6                 | 8.29            | 448.4         |                     |          |            |            |
| 08/17/2015          | 15:44:45               | 2465                        | 4.6                 | 8.29            | 457.5         |                     |          |            |            |

| Well                |                        |                             | Field               | Job Start       |               | Customer              |          | Job Number |            |
|---------------------|------------------------|-----------------------------|---------------------|-----------------|---------------|-----------------------|----------|------------|------------|
| Viper Pyro 26N-14HZ |                        |                             | Wattenberge         |                 | Aug/17/2015   |                       | Anadarko |            | D5VO-00758 |
| Date                | Time<br>24-hr<br>clock | Treating<br>Pressure<br>PSI | Flow<br>Rate<br>B/M | Density<br>LB/G | Volume<br>BBL | Message               |          |            |            |
| 08/17/2015          | 15:48:45               | 2510                        | 4.6                 | 8.29            | 475.9         |                       |          |            |            |
| 08/17/2015          | 15:50:45               | 2543                        | 4.6                 | 8.29            | 485.0         |                       |          |            |            |
| 08/17/2015          | 15:52:45               | 2583                        | 4.6                 | 8.29            | 494.2         |                       |          |            |            |
| 08/17/2015          | 15:54:45               | 2633                        | 4.6                 | 8.29            | 503.4         |                       |          |            |            |
| 08/17/2015          | 15:56:45               | 2656                        | 4.6                 | 8.29            | 512.5         |                       |          |            |            |
| 08/17/2015          | 15:58:45               | 2724                        | 4.6                 | 8.29            | 521.7         |                       |          |            |            |
| 08/17/2015          | 16:00:45               | 2768                        | 4.6                 | 8.29            | 530.9         |                       |          |            |            |
| 08/17/2015          | 16:02:45               | 2852                        | 4.6                 | 8.29            | 540.0         |                       |          |            |            |
| 08/17/2015          | 16:04:45               | 2903                        | 4.6                 | 8.29            | 549.2         |                       |          |            |            |
| 08/17/2015          | 16:06:45               | 2982                        | 4.6                 | 8.29            | 558.3         |                       |          |            |            |
| 08/17/2015          | 16:08:45               | 3034                        | 4.6                 | 8.29            | 567.4         |                       |          |            |            |
| 08/17/2015          | 16:10:45               | 2683                        | 0.0                 | 8.29            | 570.8         |                       |          |            |            |
| 08/17/2015          | 16:12:45               | 2691                        | 0.0                 | 8.29            | 570.8         |                       |          |            |            |
| 08/17/2015          | 16:14:45               | 32                          | 0.0                 | 8.29            | 570.8         |                       |          |            |            |
| 08/17/2015          | 16:15:00               | -9                          | 0.0                 | 8.29            | 570.8         | Bump Plug             |          |            |            |
| 08/17/2015          | 16:16:45               | -5                          | 0.0                 | 8.29            | 570.8         |                       |          |            |            |
| 08/17/2015          | 16:18:00               | -5                          | 0.0                 | 8.29            | 570.8         | Bleed Off Floats Held |          |            |            |
| 08/17/2015          | 16:18:45               | -5                          | 0.0                 | 8.29            | 570.8         |                       |          |            |            |
| 08/17/2015          | 16:20:45               | -7                          | 0.0                 | 8.29            | 570.8         |                       |          |            |            |
| 08/17/2015          | 16:22:45               | -7                          | 0.0                 | 8.29            | 570.8         |                       |          |            |            |
| 08/17/2015          | 16:24:45               | -6                          | 0.0                 | 8.29            | 570.8         |                       |          |            |            |
| 08/17/2015          | 16:26:45               | -2                          | 0.0                 | 8.29            | 572.1         |                       |          |            |            |
| 08/17/2015          | 16:28:45               | -4                          | 0.0                 | 8.29            | 572.1         |                       |          |            |            |
| 08/17/2015          | 16:30:00               | -4                          | 0.0                 | 8.29            | 572.1         | Set Packer            |          |            |            |
| 08/17/2015          | 16:30:45               | 720                         | 1.2                 | 8.28            | 572.3         |                       |          |            |            |
| 08/17/2015          | 16:32:45               | 2480                        | 0.0                 | 8.29            | 573.3         |                       |          |            |            |
| 08/17/2015          | 16:34:45               | 2560                        | 0.0                 | 8.28            | 573.3         |                       |          |            |            |
| 08/17/2015          | 16:36:45               | 2558                        | 0.0                 | 8.29            | 573.3         |                       |          |            |            |
| 08/17/2015          | 16:38:45               | 2559                        | 0.0                 | 8.29            | 573.3         |                       |          |            |            |
| 08/17/2015          | 16:40:45               | 2563                        | 0.0                 | 8.29            | 573.3         |                       |          |            |            |
| 08/17/2015          | 16:42:45               | 2568                        | 0.0                 | 8.29            | 573.3         |                       |          |            |            |
| 08/17/2015          | 16:44:45               | 2573                        | 0.0                 | 8.29            | 573.3         |                       |          |            |            |
| 08/17/2015          | 16:45:00               | 2573                        | 0.0                 | 8.29            | 573.3         | Test Good             |          |            |            |
| 08/17/2015          | 16:46:45               | 2579                        | 0.0                 | 8.29            | 573.3         |                       |          |            |            |
| 08/17/2015          | 16:48:45               | 2585                        | 0.0                 | 8.29            | 573.3         |                       |          |            |            |
| 08/17/2015          | 16:50:45               | -5                          | 0.0                 | 8.29            | 573.3         |                       |          |            |            |
| 08/17/2015          | 16:52:45               | 7                           | 0.0                 | 8.29            | 573.3         |                       |          |            |            |
| 08/17/2015          | 16:54:45               | 1112                        | 1.4                 | 8.29            | 574.2         |                       |          |            |            |
| 08/17/2015          | 16:56:45               | 1425                        | 1.1                 | 8.29            | 574.7         |                       |          |            |            |
| 08/17/2015          | 16:58:45               | 2238                        | 5.0                 | 8.29            | 579.1         |                       |          |            |            |
| 08/17/2015          | 17:00:45               | 3196                        | 8.3                 | 8.28            | 592.1         |                       |          |            |            |
| 08/17/2015          | 17:02:45               | 2547                        | 7.1                 | 8.29            | 607.8         |                       |          |            |            |
| 08/17/2015          | 17:04:45               | 2411                        | 7.1                 | 8.29            | 622.1         |                       |          |            |            |
| 08/17/2015          | 17:06:45               | 2289                        | 7.1                 | 8.29            | 636.3         |                       |          |            |            |
| 08/17/2015          | 17:08:45               | 2160                        | 7.2                 | 8.29            | 650.6         |                       |          |            |            |
| 08/17/2015          | 17:10:45               | 2018                        | 7.2                 | 8.29            | 664.8         |                       |          |            |            |
| 08/17/2015          | 17:12:45               | 1810                        | 7.2                 | 8.29            | 679.2         |                       |          |            |            |
| 08/17/2015          | 17:14:45               | 1635                        | 7.2                 | 8.29            | 693.5         |                       |          |            |            |
| 08/17/2015          | 17:16:45               | 1449                        | 7.2                 | 8.29            | 707.9         |                       |          |            |            |
| 08/17/2015          | 17:18:45               | 1357                        | 7.2                 | 8.29            | 722.2         |                       |          |            |            |
| 08/17/2015          | 17:20:45               | 1360                        | 7.2                 | 8.29            | 736.6         |                       |          |            |            |
| 08/17/2015          | 17:22:45               | 1357                        | 7.2                 | 8.29            | 751.0         |                       |          |            |            |
| 08/17/2015          | 17:24:45               | 15                          | 0.0                 | 8.29            | 762.1         |                       |          |            |            |
| 08/17/2015          | 17:25:00               | 13                          | 0.0                 | 8.29            | 762.1         | Shut Down             |          |            |            |

|                             |                        |                             |                      |                     |                          |               |                      |         |                          |  |
|-----------------------------|------------------------|-----------------------------|----------------------|---------------------|--------------------------|---------------|----------------------|---------|--------------------------|--|
| Well<br>Viper Pyro 26N-14HZ |                        |                             | Field<br>Wattenberge |                     | Job Start<br>Aug/17/2015 |               | Customer<br>Anadarko |         | Job Number<br>D5VO-00758 |  |
| Date                        | Time<br>24-hr<br>clock | Treating<br>Pressure<br>PSI |                      | Flow<br>Rate<br>B/M | Density<br>LB/G          | Volume<br>BBL |                      | Message |                          |  |
| 08/17/2015                  | 17:28:45               | -4                          |                      | 0.0                 | 8.29                     | 762.1         |                      |         |                          |  |

## Post Job Summary

| Average Pump Rates, bbl/min                         |                                   |         |  |                           | Volume of Fluid Injected, bbl |                  |                                     |   |  |  |  |
|---|-----------------------------------|---------|--|---------------------------|-------------------------------|------------------|-------------------------------------|---|--|--|--|
| Slurry  | N2                                | Mud     | Maximum Rate   |                           | Total Slurry                  | Mud              | Spacer                              | N2  |  |  |  |
| Treating Pressure Summary, psi                      |                                   |         |  |                           | Breakdown Fluid               |                  |                                     |   |  |  |  |
| Maximum   | Final<br>0                        | Average | Bump Plug to   | Breakdown                 | Type                          | Volume<br>bbl    |                                     | Density<br>lb/gal                                 |  |  |  |
| Avg. N2 Percent<br>%                                | Designed Slurry Volume<br>0.0 bbl |         | Displacement<br>bbl                                      | Mix Water Temp<br>68 degF | Cement Circulated to Surface? |                  | <input checked="" type="checkbox"/> | Volume<br>bbl                                     |  |  |  |
|   |                                   |         |  |                           | Washed Thru Perfs             |                  | <input type="checkbox"/>            | To<br>ft  |  |  |  |
| Customer or Authorized Representative<br>Joe Wallem |                                   |         | Schlumberger Supervisor<br>Jordan Moreland / Stacy Terry |                           |                               | Circulation Lost |                                     | Job Completed <input checked="" type="checkbox"/> |  |  |  |
|   |                                   |         |  |                           |                               | -                |                                     | -   |  |  |  |