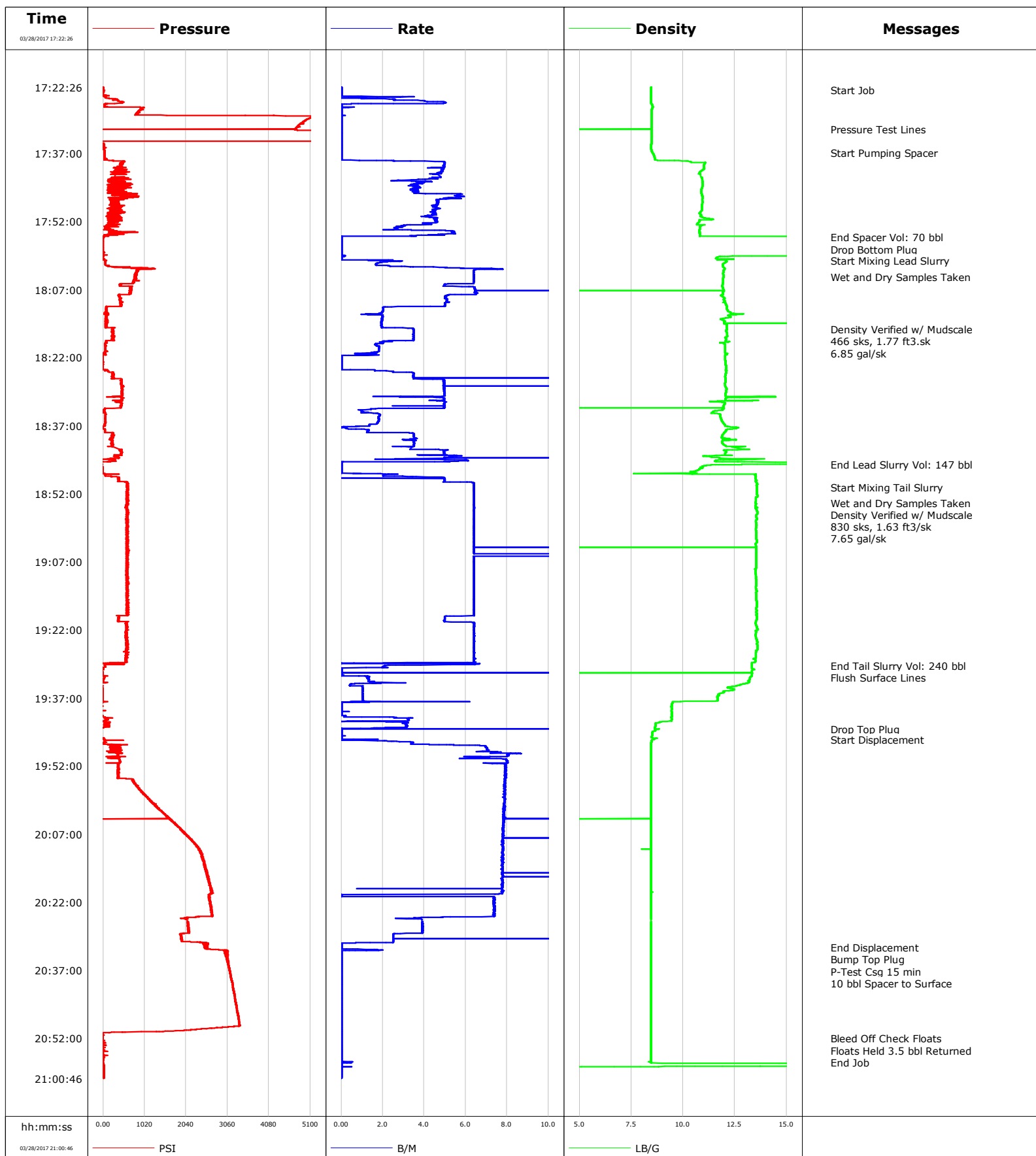


**Well** WHISTON40N-33HZ  
**Field** WATTENBERG  
**Engineer** Billy Barg  
**Country** United States

**Client** ANADARKO PETROLEUM COMPANY  
**SIR No.** DDGG-01006  
**Job Type** PRODUCTION  
**Job Date** 03-28-2017



# Cementing Service Report

|  |                        |  |                     |  |                  |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
|--|------------------------|--|---------------------|--|------------------|---------------------------------------|------------------|--------------------------|--------------------------|------------------------|--------------------------------|---------------|--|----------------------|--|--------|--|
|  |                        |  |                     | Customer<br>ANADARKO PETROLEUM COMPANY |                  |                                       |                  | Job Number<br>DDGG-01006 |                          |                        |                                |               |  |                      |  |        |  |
| Well<br>WHISTON40N-33HZ 0631704337   |                        |  | Location (legal)    |  |                  | Schlumberger Location<br>Cheyenne, WY |                  |                          | Job Start<br>Mar/28/2017 |                        |                                |               |  |                      |  |        |  |
| Field<br>WATTENBERG  |                        | Formation Name/Type  |                     |  | Deviation<br>deg |                                       | Bit Size<br>in   |                          | Well MD<br>13359.0 ft    |                        | Well TVD<br>1877.0 ft          |               |  |                      |  |        |  |
| County<br>WELD   |                        | State/Province<br>Colorado   |                     |  | BHP<br>psi       |                                       | BHST<br>224 degF |                          | BHCT<br>219 degF         |                        | Pore Press. Gradient<br>lb/gal |               |  |                      |  |        |  |
| Well Master<br>0631704337  |                        | API/UWI<br>05123440320000  |                     |  |                  |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| Rig Name<br>PD 461   |                        | 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               |                  | 1877.0                                |                  | 9.6                      |                          | 36.0                   |                                | J-55          |  |                      |  |        |  |
|  |                        |  |                     |  |                  | 13349.0                               |                  | 5.5                      |                          | 17.0                   |                                | HCP-110       |  |                      |  |        |  |
| Drilling Fluid Type<br>OBM   |                        | Max. Density<br>9.10 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>PRODUCTION   |                     |  |                  |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| Max. Allowed Tub. Press<br>psi   |                        | Max. Allowed Ann. Press<br>psi   |                     | WH Connection<br>5.5" LTC              |                  | Perforations/Open Hole                |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
|  |                        |  |                     |  |                  | Top, ft                               |                  | Bottom, ft               |                          | shot/ft                |                                | No. of Shots  |  | Total Interval<br>ft |  |        |  |
| <b>Service Instructions</b><br>9 5/8" 36# Previous Casing: 1,877'<br>7 7/8" to TD // OH Excess: 4%<br>Top of Lead Cement: 1,500'<br>Top of Tail Cement: 6,000'<br>TD: 13,359' (7,208') |                        |  |                     |  |                  | ft                                    |                  | ft                       |                          |                        |                                |               |  | Diameter<br>in       |  |        |  |
|  |                        |  |                     |  |                  | ft                                    |                  | ft                       |                          |                        |                                |               |  |                      |  |        |  |
|  |                        |  |                     |  |                  | ft                                    |                  | ft                       |                          |                        |                                |               |  |                      |  |        |  |
|  |                        | Treat Down<br>Casing   |                     | Displacement<br>308.2 bbl              |                  | Packer Type                           |                  | Packer Depth<br>ft       |                          |                        |                                |               |  |                      |  |        |  |
|  |                        | Tubing Vol.<br>bbl   |                     | Casing Vol.<br>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>9551 psi  |                        |  |                     |  |                  | Shoe Type<br>FLOAT                    |                  |                          |                          | Squeeze Type           |                                |               |  |                      |  |        |  |
| Pipe Rotated <input type="checkbox"/>  |                        | Pipe Reciprocated <input type="checkbox"/>                                 |                     |  |                  | Shoe Depth<br>13349.0 ft              |                  |                          |                          | Tool Type              |                                |               |  |                      |  |        |  |
| No. Centralizers   |                        | Top Plugs<br>1   |                     | Bottom Plugs<br>1                      |                  | Stage Tool Type                       |                  |                          |                          | Tool Depth<br>ft       |                                |               |  |                      |  |        |  |
| Cement Head Type<br>Double   |                        |  |                     |  |                  | Stage Tool Depth<br>ft                |                  |                          |                          | Tail Pipe Size<br>in   |                                |               |  |                      |  |        |  |
| Job Scheduled For<br>Mar/28/2017 14:30   |                        | Arrived on Location<br>Mar/28/2017 14:30                                   |                     | Leave Location<br>Mar/28/2017 10:00    |                  | Collar Type<br>FLOAT                  |                  |                          |                          | Tail Pipe Depth<br>ft  |                                |               |  |                      |  |        |  |
|  |                        |  |                     |  |                  | Collar Depth<br>13257.0 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                               |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:22:26               | 37   | 0.0                 | 8.47                                   | 0.0              | Started Acquisition                   |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:23:03               | 0  | 0.0                 | 8.47                                   | 0.0              | Start Job                             |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:23:46               | -1   | 0.0                 | 8.47                                   | 0.0              |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:25:06               | 283  | 2.5                 | 8.46                                   | 1.0              |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:26:26               | 28   | 0.0                 | 8.51                                   | 5.0              |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:27:46               | 865  | 0.0                 | 8.49                                   | 5.1              |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:29:06               | 5135   | 0.0                 | 8.49                                   | 5.1              |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:30:26               | 4937   | 0.0                 | 8.48                                   | 5.1              |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:31:41               | 4724   | 0.0                 | 8.48                                   | 5.1              | Pressure Test Lines                   |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:31:46               | 4717   | 0.0                 | 8.48                                   | 5.1              |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:33:06               | 5490   | 0.0                 | 8.47                                   | 5.1              |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:34:26               | -25  | 0.0                 | 8.47                                   | 5.1              |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:35:46               | 22   | 0.0                 | 8.47                                   | 5.1              |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:36:52               | 28   | 0.0                 | 8.52                                   | 5.1              | Start Pumping Spacer                  |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:37:06               | 29   | 0.0                 | 8.55                                   | 5.1              |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:38:26               | 35   | 0.0                 | 8.65                                   | 5.1              |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:39:46               | 434  | 5.0                 | 11.00                                  | 10.5             |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:41:06               | 312  | 4.9                 | 10.82                                  | 17.0             |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:42:26               | 553  | 4.5                 | 10.90                                  | 23.2             |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:43:46               | 237  | 3.6                 | 10.94                                  | 28.3             |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |
| 03/28/2017   | 17:45:06               | 108  | 3.5                 | 10.88                                  | 33.0             |                                       |                  |                          |                          |                        |                                |               |  |                      |  |        |  |

| Well                       |                  |                       | Field         | Job Start    |            | Customer                     | Job Number |
|----------------------------|------------------|-----------------------|---------------|--------------|------------|------------------------------|------------|
| WHISTON40N-33HZ 0631704337 |                  |                       | WATTENBERG    | Mar/28/2017  |            | ANADARKO PETROLEUM COMPANY   | DDGG-01006 |
| Date                       | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message                      |            |
| 03/28/2017                 | 17:47:46         | 343                   | 4.7           | 10.93        | 45.7       |                              |            |
| 03/28/2017                 | 17:49:06         | 161                   | 4.6           | 10.90        | 51.8       |                              |            |
| 03/28/2017                 | 17:50:26         | 111                   | 4.4           | 10.84        | 57.8       |                              |            |
| 03/28/2017                 | 17:51:46         | 317                   | 4.6           | 10.82        | 63.7       |                              |            |
| 03/28/2017                 | 17:53:06         | 241                   | 2.8           | 10.82        | 69.1       |                              |            |
| 03/28/2017                 | 17:54:26         | 846                   | 5.4           | 10.79        | 73.9       |                              |            |
| 03/28/2017                 | 17:55:28         | -0                    | 0.0           | 25.00        | 77.9       | End Spacer Vol: 70 bbl       |            |
| 03/28/2017                 | 17:55:39         | -4                    | 0.0           | 25.00        | 77.9       | Drop Bottom Plug             |            |
| 03/28/2017                 | 17:55:46         | -4                    | 0.0           | 25.00        | 77.9       |                              |            |
| 03/28/2017                 | 17:57:06         | -7                    | 0.0           | 25.00        | 77.9       |                              |            |
| 03/28/2017                 | 17:58:26         | -7                    | 0.0           | 25.00        | 77.9       |                              |            |
| 03/28/2017                 | 17:59:46         | -4                    | 0.1           | 11.78        | 77.9       |                              |            |
| 03/28/2017                 | 18:00:40         | 49                    | 2.4           | 12.07        | 78.2       | Start Mixing Lead Slurry     |            |
| 03/28/2017                 | 18:01:06         | 53                    | 1.8           | 12.03        | 79.3       |                              |            |
| 03/28/2017                 | 18:02:26         | 1196                  | 7.5           | 12.00        | 83.3       |                              |            |
| 03/28/2017                 | 18:03:46         | 778                   | 6.4           | 11.94        | 92.0       |                              |            |
| 03/28/2017                 | 18:04:15         | 809                   | 6.4           | 11.95        | 95.1       | Wet and Dry Samples Taken    |            |
| 03/28/2017                 | 18:05:06         | 749                   | 6.4           | 11.93        | 100.6      |                              |            |
| 03/28/2017                 | 18:06:26         | 672                   | 6.4           | 11.90        | 108.2      |                              |            |
| 03/28/2017                 | 18:07:46         | 639                   | 6.6           | 11.91        | 116.8      |                              |            |
| 03/28/2017                 | 18:09:06         | 405                   | 5.1           | 11.98        | 124.1      |                              |            |
| 03/28/2017                 | 18:10:26         | 434                   | 5.0           | 12.07        | 130.8      |                              |            |
| 03/28/2017                 | 18:11:46         | 77                    | 2.0           | 12.16        | 134.6      |                              |            |
| 03/28/2017                 | 18:13:06         | 65                    | 2.0           | 12.28        | 137.0      |                              |            |
| 03/28/2017                 | 18:14:26         | 96                    | 1.9           | 11.98        | 139.6      |                              |            |
| 03/28/2017                 | 18:15:43         | 225                   | 3.5           | 12.11        | 142.5      | Density Verified w/ Mudscale |            |
| 03/28/2017                 | 18:15:46         | 221                   | 3.5           | 12.11        | 142.7      |                              |            |
| 03/28/2017                 | 18:15:57         | 231                   | 3.5           | 12.09        | 143.3      | 466 sks, 1.77 ft3.sk         |            |
| 03/28/2017                 | 18:16:07         | 242                   | 3.5           | 12.06        | 143.9      | 6.85 gal/sk                  |            |
| 03/28/2017                 | 18:17:06         | 264                   | 3.5           | 12.13        | 147.3      |                              |            |
| 03/28/2017                 | 18:18:26         | 83                    | 2.0           | 12.04        | 151.7      |                              |            |
| 03/28/2017                 | 18:19:46         | 61                    | 1.8           | 12.01        | 154.2      |                              |            |
| 03/28/2017                 | 18:21:06         | 9                     | 0.7           | 12.13        | 156.5      |                              |            |
| 03/28/2017                 | 18:22:26         | -15                   | 0.0           | 12.03        | 157.0      |                              |            |
| 03/28/2017                 | 18:23:46         | -14                   | 0.0           | 12.06        | 157.0      |                              |            |
| 03/28/2017                 | 18:25:06         | 131                   | 2.5           | 12.07        | 157.8      |                              |            |
| 03/28/2017                 | 18:26:26         | 259                   | 3.5           | 12.03        | 162.3      |                              |            |
| 03/28/2017                 | 18:27:46         | 442                   | 4.9           | 12.02        | 168.4      |                              |            |
| 03/28/2017                 | 18:29:06         | 477                   | 5.0           | 12.09        | 175.0      |                              |            |
| 03/28/2017                 | 18:30:26         | 469                   | 5.0           | 12.04        | 181.6      |                              |            |
| 03/28/2017                 | 18:31:46         | 301                   | 5.0           | 11.51        | 187.9      |                              |            |
| 03/28/2017                 | 18:33:06         | 448                   | 4.9           | 11.96        | 194.5      |                              |            |
| 03/28/2017                 | 18:34:26         | 52                    | 1.8           | 11.76        | 196.5      |                              |            |
| 03/28/2017                 | 18:35:46         | 50                    | 1.8           | 11.85        | 199.0      |                              |            |
| 03/28/2017                 | 18:37:06         | -11                   | 1.3           | 12.03        | 201.1      |                              |            |
| 03/28/2017                 | 18:38:26         | 42                    | 1.3           | 12.01        | 202.2      |                              |            |
| 03/28/2017                 | 18:39:46         | 199                   | 3.6           | 11.99        | 206.6      |                              |            |
| 03/28/2017                 | 18:41:06         | 232                   | 3.5           | 11.94        | 211.2      |                              |            |
| 03/28/2017                 | 18:42:26         | 418                   | 5.0           | 11.97        | 216.4      |                              |            |
| 03/28/2017                 | 18:43:46         | 324                   | 5.3           | 11.10        | 223.0      |                              |            |
| 03/28/2017                 | 18:45:06         | -47                   | 0.0           | 25.00        | 228.9      |                              |            |
| 03/28/2017                 | 18:45:37         | -28                   | 0.0           | 11.73        | 228.9      | End Lead Slurry Vol: 147 bbl |            |
| 03/28/2017                 | 18:46:26         | -22                   | 0.0           | 10.88        | 228.9      |                              |            |
| 03/28/2017                 | 18:47:46         | 45                    | 2.1           | 13.48        | 229.3      |                              |            |

| Well<br>WHISTON40N-33HZ 0631704337 |                        |                             | Field<br>WATTENBERG |                 | Job Start<br>Mar/28/2017 | Customer<br>ANADARKO PETROLEUM COMPANY | Job Number<br>DDGG-01006 |
|------------------------------------|------------------------|-----------------------------|---------------------|-----------------|--------------------------|--|--------------------------|
| 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                                |                          |
| 03/28/2017                         | 18:50:26               | 625                         | 6.4                 | 13.56           | 242.6                    |  |                          |
| 03/28/2017                         | 18:50:28               | 597                         | 6.4                 | 13.56           | 242.8                    | Start Mixing Tail Slurry               |                          |
| 03/28/2017                         | 18:51:46               | 585                         | 6.4                 | 13.55           | 251.2                    |  |                          |
| 03/28/2017                         | 18:53:06               | 587                         | 6.4                 | 13.50           | 259.7                    |  |                          |
| 03/28/2017                         | 18:53:58               | 599                         | 6.4                 | 13.49           | 265.2                    | Wet and Dry Samples Taken              |                          |
| 03/28/2017                         | 18:54:08               | 581                         | 6.4                 | 13.51           | 266.3                    | Density Verified w/ Mudscales          |                          |
| 03/28/2017                         | 18:54:26               | 611                         | 6.4                 | 13.50           | 268.2                    |  |                          |
| 03/28/2017                         | 18:55:46               | 587                         | 6.4                 | 13.56           | 276.8                    |  |                          |
| 03/28/2017                         | 18:57:06               | 572                         | 6.4                 | 13.54           | 285.3                    |  |                          |
| 03/28/2017                         | 18:57:22               | 577                         | 6.4                 | 13.54           | 287.0                    | 830 sks, 1.63 ft3/sk                   |                          |
| 03/28/2017                         | 18:57:37               | 558                         | 6.4                 | 13.54           | 288.6                    | 7.65 gal/sk                            |                          |
| 03/28/2017                         | 18:58:26               | 610                         | 6.4                 | 13.52           | 293.8                    |  |                          |
| 03/28/2017                         | 18:59:46               | 583                         | 6.4                 | 13.50           | 302.3                    |  |                          |
| 03/28/2017                         | 19:01:06               | 585                         | 6.4                 | 13.52           | 310.9                    |  |                          |
| 03/28/2017                         | 19:02:26               | 579                         | 6.4                 | 13.55           | 319.4                    |  |                          |
| 03/28/2017                         | 19:03:46               | 590                         | 6.4                 | 13.52           | 327.9                    |  |                          |
| 03/28/2017                         | 19:05:06               | 595                         | 6.4                 | 13.54           | 336.5                    |  |                          |
| 03/28/2017                         | 19:06:26               | 619                         | 6.4                 | 13.53           | 345.0                    |  |                          |
| 03/28/2017                         | 19:07:46               | 611                         | 6.4                 | 13.52           | 353.5                    |  |                          |
| 03/28/2017                         | 19:09:06               | 566                         | 6.4                 | 13.48           | 362.0                    |  |                          |
| 03/28/2017                         | 19:10:26               | 585                         | 6.4                 | 13.52           | 370.6                    |  |                          |
| 03/28/2017                         | 19:11:46               | 615                         | 6.4                 | 13.52           | 379.1                    |  |                          |
| 03/28/2017                         | 19:13:06               | 601                         | 6.4                 | 13.52           | 387.7                    |  |                          |
| 03/28/2017                         | 19:14:26               | 621                         | 6.4                 | 13.53           | 396.2                    |  |                          |
| 03/28/2017                         | 19:15:46               | 599                         | 6.4                 | 13.55           | 404.7                    |  |                          |
| 03/28/2017                         | 19:17:06               | 632                         | 6.4                 | 13.54           | 413.3                    |  |                          |
| 03/28/2017                         | 19:18:26               | 566                         | 6.4                 | 13.54           | 421.8                    |  |                          |
| 03/28/2017                         | 19:19:46               | 381                         | 5.0                 | 13.54           | 429.1                    |  |                          |
| 03/28/2017                         | 19:21:06               | 573                         | 6.4                 | 13.53           | 437.0                    |  |                          |
| 03/28/2017                         | 19:22:26               | 560                         | 6.4                 | 13.53           | 445.5                    |  |                          |
| 03/28/2017                         | 19:23:46               | 596                         | 6.4                 | 13.52           | 454.1                    |  |                          |
| 03/28/2017                         | 19:25:06               | 567                         | 6.4                 | 13.56           | 462.6                    |  |                          |
| 03/28/2017                         | 19:26:26               | 597                         | 6.4                 | 13.56           | 471.1                    |  |                          |
| 03/28/2017                         | 19:27:46               | 582                         | 6.4                 | 13.51           | 479.7                    |  |                          |
| 03/28/2017                         | 19:29:06               | 551                         | 6.5                 | 13.44           | 488.2                    |  |                          |
| 03/28/2017                         | 19:29:49               | 40                          | 2.1                 | 13.32           | 491.3                    | End Tail Slurry Vol: 240 bbl           |                          |
| 03/28/2017                         | 19:30:26               | 0                           | 0.0                 | 13.32           | 492.4                    |  |                          |
| 03/28/2017                         | 19:30:40               | 0                           | 0.0                 | 13.42           | 492.4                    | Flush Surface Lines                    |                          |
| 03/28/2017                         | 19:31:46               | -22                         | 0.0                 | 13.33           | 492.4                    |  |                          |
| 03/28/2017                         | 19:33:06               | -1                          | 1.3                 | 13.18           | 493.7                    |  |                          |
| 03/28/2017                         | 19:34:26               | -39                         | 1.0                 | 12.39           | 495.2                    |  |                          |
| 03/28/2017                         | 19:35:46               | -17                         | 1.0                 | 11.95           | 496.5                    |  |                          |
| 03/28/2017                         | 19:37:06               | -17                         | 1.0                 | 11.65           | 497.9                    |  |                          |
| 03/28/2017                         | 19:38:26               | -40                         | 0.0                 | 9.46            | 498.8                    |  |                          |
| 03/28/2017                         | 19:39:46               | -16                         | 0.0                 | 9.45            | 498.8                    |  |                          |
| 03/28/2017                         | 19:41:06               | -26                         | 0.1                 | 9.46            | 498.9                    |  |                          |
| 03/28/2017                         | 19:42:26               | 34                          | 3.2                 | 8.82            | 502.4                    |  |                          |
| 03/28/2017                         | 19:43:46               | -43                         | 0.0                 | 8.62            | 506.0                    |  |                          |
| 03/28/2017                         | 19:43:55               | -38                         | 0.0                 | 8.65            | 506.0                    | Drop Top Plug                          |                          |
| 03/28/2017                         | 19:45:06               | -29                         | 0.0                 | 8.51            | 506.0                    |  |                          |
| 03/28/2017                         | 19:46:09               | 35                          | 1.0                 | 8.54            | 506.1                    | Start Displacement                     |                          |
| 03/28/2017                         | 19:46:26               | 35                          | 2.1                 | 8.48            | 506.3                    |  |                          |
| 03/28/2017                         | 19:47:46               | 206                         | 7.0                 | 8.46            | 512.3                    |  |                          |
| 03/28/2017                         | 19:49:06               | 306                         | 7.7                 | 8.46            | 521.8                    |  |                          |

| Well<br>WHISTON40N-33HZ 0631704337 |                        |                             | Field<br>WATTENBERG |                 | Job Start<br>Mar/28/2017 | Customer<br>ANADARKO PETROLEUM COMPANY | Job Number<br>DDGG-01006 |
|------------------------------------|------------------------|-----------------------------|---------------------|-----------------|--------------------------|--|--------------------------|
| 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                                |                          |
| 03/28/2017                         | 19:51:46               | 362                         | 7.9                 | 8.47            | 542.5                    |  |                          |
| 03/28/2017                         | 19:53:06               | 373                         | 7.9                 | 8.46            | 553.1                    |  |                          |
| 03/28/2017                         | 19:54:26               | 378                         | 7.9                 | 8.47            | 563.6                    |  |                          |
| 03/28/2017                         | 19:55:46               | 770                         | 7.9                 | 8.47            | 574.2                    |  |                          |
| 03/28/2017                         | 19:57:06               | 893                         | 7.9                 | 8.47            | 584.7                    |  |                          |
| 03/28/2017                         | 19:58:26               | 1045                        | 7.9                 | 8.46            | 595.2                    |  |                          |
| 03/28/2017                         | 19:59:46               | 1165                        | 7.8                 | 8.46            | 605.7                    |  |                          |
| 03/28/2017                         | 20:01:06               | 1357                        | 7.8                 | 8.46            | 616.2                    |  |                          |
| 03/28/2017                         | 20:02:26               | 1497                        | 7.9                 | 8.46            | 626.6                    |  |                          |
| 03/28/2017                         | 20:03:46               | 1676                        | 7.8                 | 8.46            | 637.1                    |  |                          |
| 03/28/2017                         | 20:05:06               | 1839                        | 7.8                 | 8.46            | 647.5                    |  |                          |
| 03/28/2017                         | 20:06:26               | 1947                        | 7.8                 | 8.46            | 657.9                    |  |                          |
| 03/28/2017                         | 20:07:46               | 2103                        | 7.8                 | 8.46            | 668.3                    |  |                          |
| 03/28/2017                         | 20:09:06               | 2261                        | 7.8                 | 8.46            | 678.7                    |  |                          |
| 03/28/2017                         | 20:10:26               | 2352                        | 7.8                 | 8.46            | 689.1                    |  |                          |
| 03/28/2017                         | 20:11:46               | 2423                        | 7.7                 | 8.46            | 699.5                    |  |                          |
| 03/28/2017                         | 20:13:06               | 2470                        | 7.8                 | 8.46            | 709.8                    |  |                          |
| 03/28/2017                         | 20:14:26               | 2515                        | 7.8                 | 8.46            | 720.2                    |  |                          |
| 03/28/2017                         | 20:15:46               | 2558                        | 7.8                 | 8.46            | 730.6                    |  |                          |
| 03/28/2017                         | 20:17:06               | 2592                        | 7.8                 | 8.46            | 740.9                    |  |                          |
| 03/28/2017                         | 20:18:26               | 2636                        | 7.8                 | 8.46            | 751.3                    |  |                          |
| 03/28/2017                         | 20:19:46               | 2654                        | 7.8                 | 8.46            | 761.6                    |  |                          |
| 03/28/2017                         | 20:21:06               | 2617                        | 7.3                 | 8.46            | 771.6                    |  |                          |
| 03/28/2017                         | 20:22:26               | 2649                        | 7.4                 | 8.46            | 781.4                    |  |                          |
| 03/28/2017                         | 20:23:46               | 2659                        | 7.4                 | 8.46            | 791.3                    |  |                          |
| 03/28/2017                         | 20:25:06               | 2682                        | 7.4                 | 8.46            | 801.1                    |  |                          |
| 03/28/2017                         | 20:26:26               | 2087                        | 3.9                 | 8.46            | 806.6                    |  |                          |
| 03/28/2017                         | 20:27:46               | 2089                        | 3.9                 | 8.46            | 811.8                    |  |                          |
| 03/28/2017                         | 20:29:06               | 1911                        | 2.5                 | 8.46            | 816.6                    |  |                          |
| 03/28/2017                         | 20:30:26               | 1935                        | 2.5                 | 8.46            | 820.0                    |  |                          |
| 03/28/2017                         | 20:31:46               | 2578                        | 0.0                 | 8.46            | 821.1                    |  |                          |
| 03/28/2017                         | 20:32:00               | 2511                        | 0.0                 | 8.46            | 821.1                    | End Displacement                       |                          |
| 03/28/2017                         | 20:32:02               | 2511                        | 0.0                 | 8.46            | 821.1                    | Bump Top Plug                          |                          |
| 03/28/2017                         | 20:32:15               | 2583                        | 0.0                 | 8.46            | 821.1                    | P-Test Csg 15 min                      |                          |
| 03/28/2017                         | 20:33:06               | 3040                        | 0.0                 | 8.46            | 821.6                    |  |                          |
| 03/28/2017                         | 20:34:26               | 3036                        | 0.0                 | 8.46            | 821.6                    |  |                          |
| 03/28/2017                         | 20:35:00               | 3071                        | 0.0                 | 8.46            | 0.0                      | 10 bbl Spacer to Surface               |                          |
| 03/28/2017                         | 20:35:46               | 3090                        | 0.0                 | 8.46            | 821.6                    |  |                          |
| 03/28/2017                         | 20:37:06               | 3111                        | 0.0                 | 8.46            | 821.6                    |  |                          |
| 03/28/2017                         | 20:38:26               | 3143                        | 0.0                 | 8.46            | 821.6                    |  |                          |
| 03/28/2017                         | 20:39:46               | 3175                        | 0.0                 | 8.47            | 821.6                    |  |                          |
| 03/28/2017                         | 20:41:06               | 3201                        | 0.0                 | 8.46            | 821.6                    |  |                          |
| 03/28/2017                         | 20:42:26               | 3229                        | 0.0                 | 8.46            | 821.6                    |  |                          |
| 03/28/2017                         | 20:43:46               | 3254                        | 0.0                 | 8.46            | 821.6                    |  |                          |
| 03/28/2017                         | 20:45:06               | 3279                        | 0.0                 | 8.46            | 821.6                    |  |                          |
| 03/28/2017                         | 20:46:26               | 3311                        | 0.0                 | 8.47            | 821.6                    |  |                          |
| 03/28/2017                         | 20:47:46               | 3332                        | 0.0                 | 8.47            | 821.6                    |  |                          |
| 03/28/2017                         | 20:49:06               | 3357                        | 0.0                 | 8.46            | 821.6                    |  |                          |
| 03/28/2017                         | 20:50:26               | 1453                        | 0.0                 | 8.46            | 821.6                    |  |                          |
| 03/28/2017                         | 20:51:46               | -15                         | 0.0                 | 8.47            | 821.6                    |  |                          |
| 03/28/2017                         | 20:51:57               | -15                         | 0.0                 | 8.47            | 821.6                    | Bleed Off Check Floats                 |                          |
| 03/28/2017                         | 20:52:06               | -15                         | 0.0                 | 8.47            | 821.6                    | Floats Held 3.5 bbl Returned           |                          |
| 03/28/2017                         | 20:52:17               | -14                         | 0.0                 | 8.47            | 821.6                    | End Job                                |                          |
| 03/28/2017                         | 20:53:06               | -5                          | 0.0                 | 8.47            | 821.6                    |  |                          |

| Well                       |                  |                       | Field         |              | Job Start   | Customer                   |  | Job Number |
|----------------------------|------------------|-----------------------|---------------|--------------|-------------|----------------------------|--|------------|
| WHISTON40N-33HZ 0631704337 |                  |                       | WATTENBERG    |              | Mar/28/2017 | ANADARKO PETROLEUM COMPANY |  | DDGG-01006 |
| Date                       | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL  | Message                    |  |            |
| 03/28/2017                 | 20:55:46         | -11                   | 0.0           | 8.47         | 821.6       |                            |  |            |
| 03/28/2017                 | 20:57:06         | -9                    | 0.5           | 8.47         | 821.7       |                            |  |            |
| 03/28/2017                 | 20:58:26         | 17                    | 0.0           | 0.54         | 821.7       |                            |  |            |

## Post Job Summary

| Average Pump Rates, bbl/min                           |                                     |                           |                                       |  | Volume of Fluid Injected, bbl |   |   |  |  |  |  |  |
|---|-------------------------------------|---------------------------|---------------------------------------|--|-------------------------------|---|---|--|--|--|--|--|
| Slurry<br>7.1   | N2                                  | Mud                       | Maximum Rate<br>8.0                   | Total Slurry<br>387.0                                  | Mud<br>0.0                    | Spacer<br>70.0                            | N2  |  |  |  |  |  |
| Treating Pressure Summary, psi                        |                                     |                           |                                       |  | Breakdown Fluid               |   |   |  |  |  |  |  |
| Maximum<br>3000                                       | Final<br>0                          | Average<br>500            | Bump Plug to<br>2500                  | Breakdown  | Type                          | Volume<br>bbl                             | Density<br>lb/gal                                 |  |  |  |  |  |
| Avg. N2 Percent<br>%                                  | Designed Slurry Volume<br>387.0 bbl | Displacement<br>308.2 bbl | Mix Water Temp<br>60 degF             | Cement Circulated to Surface? <input type="checkbox"/> |                               | Volume bbl                                |   |  |  |  |  |  |
|   |                                     |                           |                                       | Washed Thru Perfs <input type="checkbox"/>             |                               | To ft                                     |   |  |  |  |  |  |
| Customer or Authorized Representative<br>MARK KITRELL |                                     |                           | Schlumberger Supervisor<br>Billy Barg |  |                               | Circulation Lost <input type="checkbox"/> | Job Completed <input checked="" type="checkbox"/> |  |  |  |  |  |
|   |                                     |                           |                                       |  |                               | -   | -   |  |  |  |  |  |