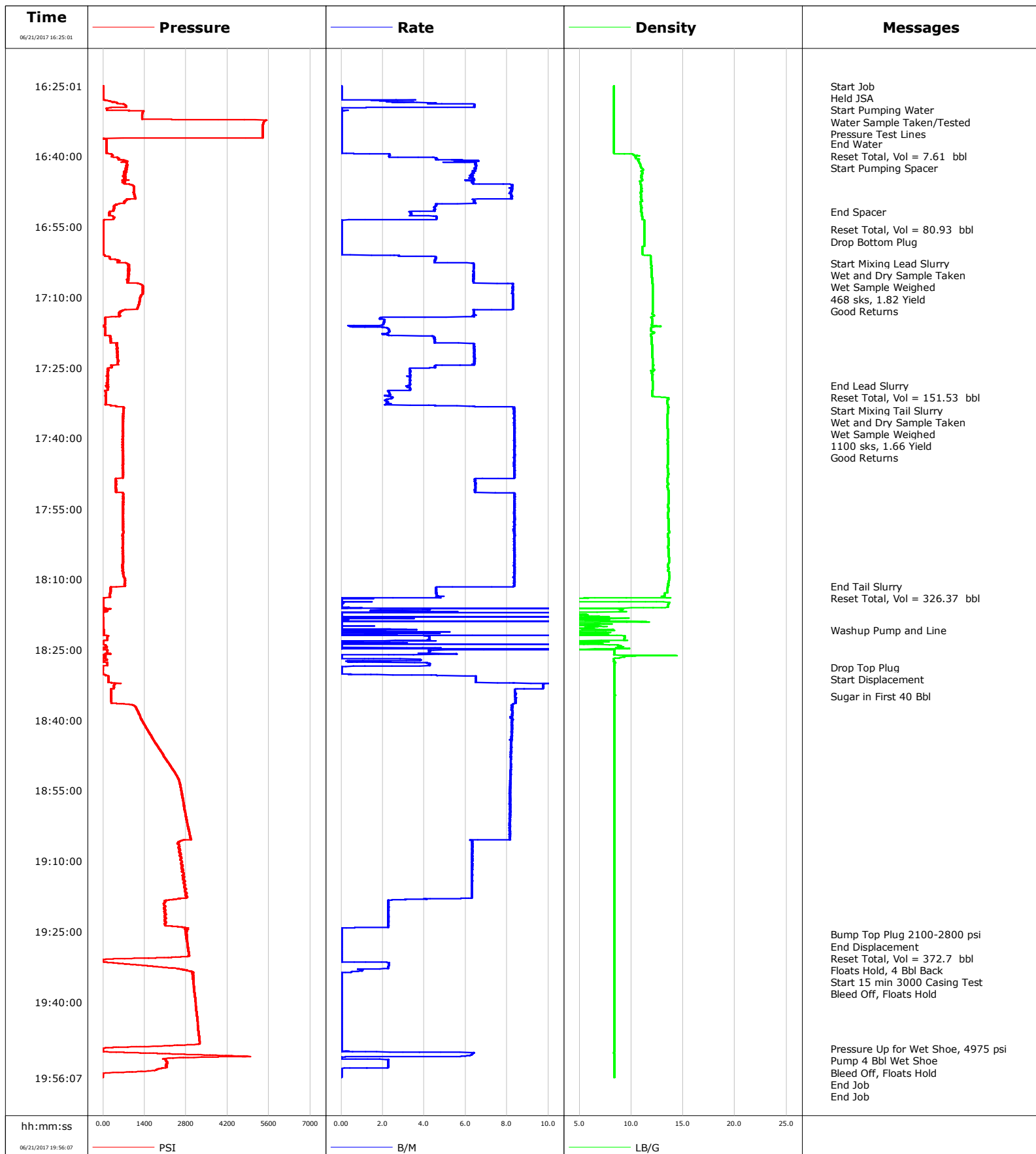


**Well** Butterball 40N-33HZ  
**Field** Wattenberg  
**Engineer** Ryan Drilling/Ken Sovereign  
**Country** United States

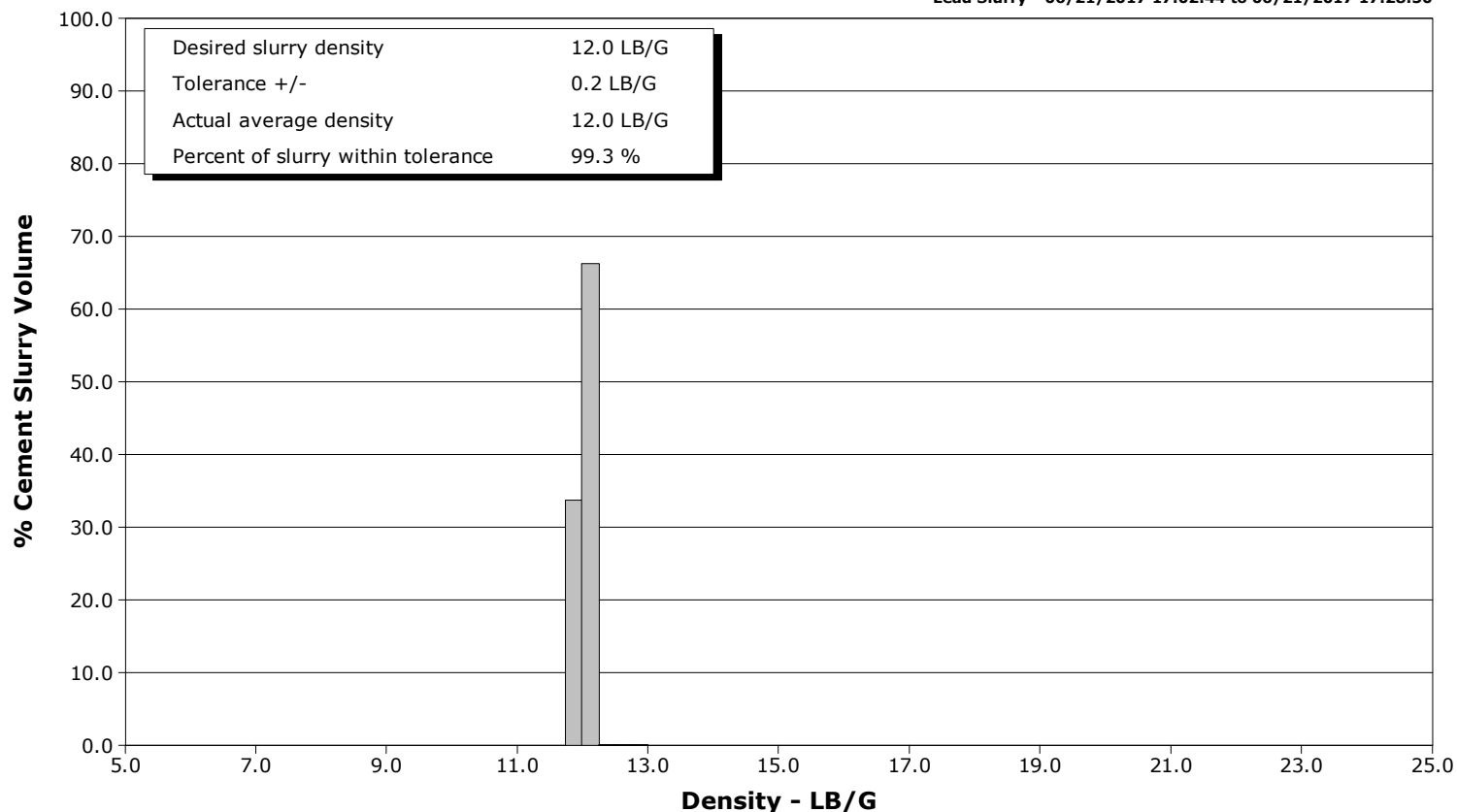
**Client** Anadarko  
**SIR No.** CSS9-00512  
**Job Type** 5.5" Production  
**Job Date** 06-21-2017



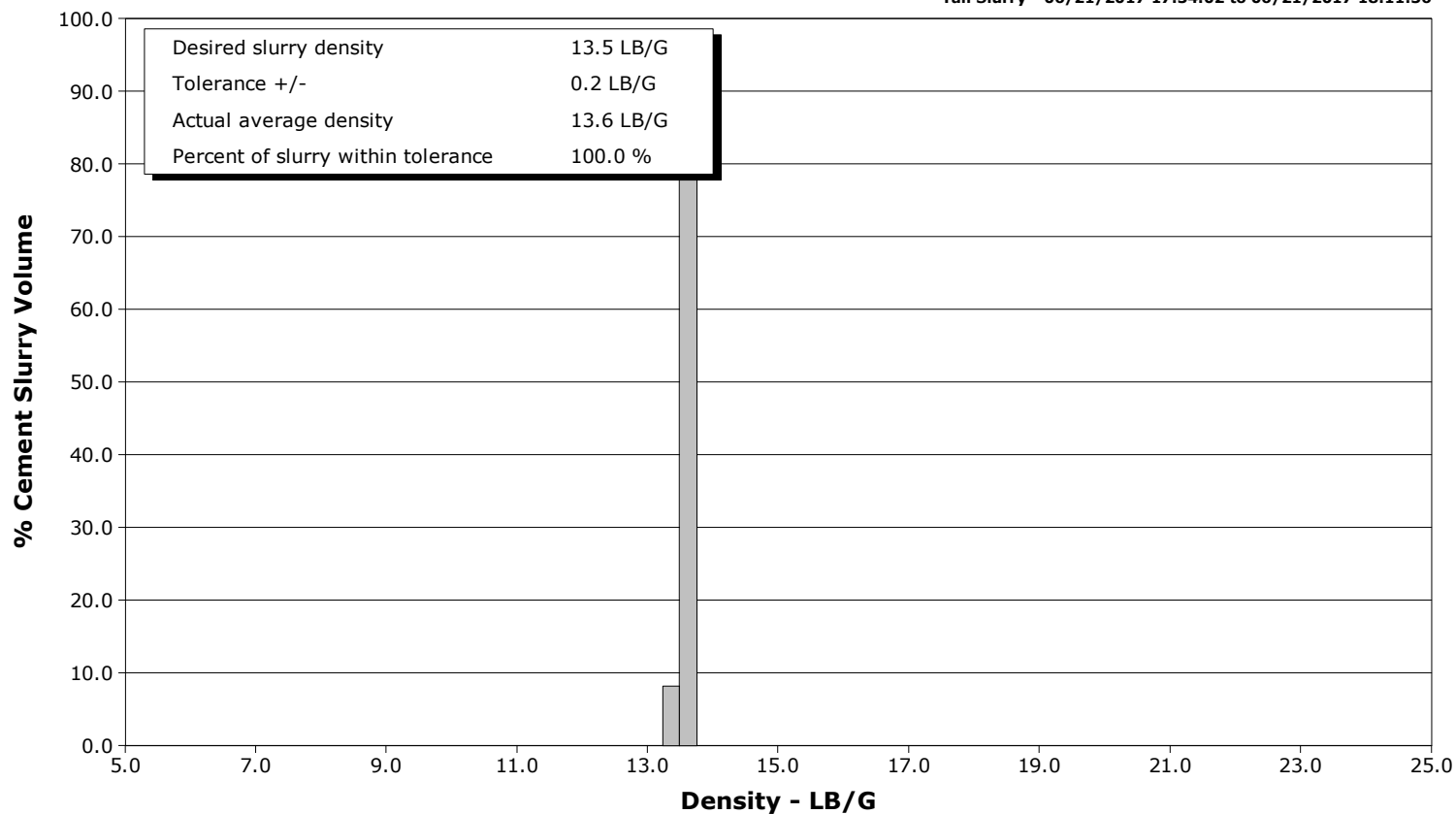
**Well** Butterball 40N-33HZ  
**Field** Wattenberg  
**Engineer** Ryan Drilling/Ken Sovereign  
**Country** United States

**Client** Anadarko  
**SIR No.** CSS9-00512  
**Job Type** 5.5" Production  
**Job Date** 06-21-2017

**Lead Slurry - 06/21/2017 17:02:44 to 06/21/2017 17:28:50**



**Tail Slurry - 06/21/2017 17:34:02 to 06/21/2017 18:11:36**



|   |  |                                     |                                     |                          |                              |                           |                                |                          |                       |
|---|--|-------------------------------------|-------------------------------------|--------------------------|------------------------------|---------------------------|--------------------------------|--------------------------|-----------------------|
|   |  |                                     |                                     |                          | Customer<br>Anadarko         |                           |                                | Job Number<br>CSS9-00512 |                       |
| Well<br>Butterball 40N-33HZ   |  |                                     | Location (legal)<br>CWY             |                          | Schlumberger Location<br>CWY |                           |                                | Job Start<br>Jun/21/2017 |                       |
| Field<br>Wattenberg   |  | Formation Name/Type<br>Shale        |                                     | Deviation<br>90 deg      | Bit Size<br>7.9 in           |                           | Well MD<br>16033.0 ft          |                          | Well TVD<br>7319.0 ft |
| County<br>Weld  |  | State/Province<br>Colorado          |                                     | BHP<br>psi               | BHST<br>229 degF             | BHCT<br>228 degF          | Pore Press. Gradient<br>lb/gal |                          |                       |
| Well Master<br>0631714554   |  | API/UWI                             |                                     |                          |                              |                           |                                |                          |                       |
| Rig Name<br>Precision 564   | Drilled For<br>Oil & Gas   |                                     | 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            | 1847.0                   | 9.6                          | 36.0                      | j55                            |                          | lrc                   |
|   | 16033.0  | 5.5                                 | 17.0                                | p110                     |                              | lrc                       |                                |                          |                       |
| 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>5.5" Production  |                                     |                                     |                          |                              |                           |                                |                          |                       |
|   |  |                                     |                                     |                          |                              |                           |                                |                          |                       |
| Max. Allowed Tub. Press<br>psi  | Max. Allowed Ann. Press<br>psi   |                                     | WH Connection<br>Double Cement head | Perforations / Open Hole |                              |                           |                                |                          |                       |
|   | Top, ft  | Bottom, ft                          | shot/ft                             | No. of Shots             |                              | Total Interval            |                                |                          |                       |
|   | ft   | ft                                  |                                     |                          |                              | ft                        |                                |                          |                       |
|   | ft   | ft                                  |                                     |                          |                              | Diameter                  |                                |                          |                       |
|   | ft   | ft                                  |                                     |                          |                              | in                        |                                |                          |                       |
| Service Instructions<br>9 5/8" 36# Previous Casing: 1,847'<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: 16,067' (7,319')<br>Temp Gradient 2.3 degF/100ft from Gradient Map --<br>Bring 5 1/2" Head (Double Plug), Bowls, SLB Top and Bottom Plugs (For Backup Only)<br>--Bring Defoamer, 400 lbs Sugar, and CemPRIME<br>SCRUB Surfactant and Fiber |  |                                     |                                     |                          |                              |                           |                                |                          |                       |
| 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>2200 psi   |  |                                     |                                     |                          | Shoe Type<br>Float           | Squeeze Type              |                                |                          |                       |
| Pipe Rotated <input type="checkbox"/>   | Pipe Reciprocated <input type="checkbox"/>                                 |                                     |                                     |                          | Shoe Depth<br>16033.0 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>Jun/21/2017 14:00  | Arrived on Location<br>Jun/21/2017 14:00                                   | Leave Location<br>Jun/21/2017 21:00 |                                     |                          | Collar Type<br>Float         | Tail Pipe Depth<br>ft     |                                |                          |                       |
|   |  |                                     |                                     |                          | Collar Depth<br>16031.0 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                | Solid<br>Fraction<br>NULL | Message                        |                          |                       |
| 06/21/2017  | 16:25:01   | 1                                   | 0.0                                 | 8.33                     | 0.0                          | 0                         | Started Acquisition            |                          |                       |
| 06/21/2017  | 16:25:02   | 1                                   | 0.0                                 | 8.33                     | 0.0                          | 0                         | Start Job                      |                          |                       |
| 06/21/2017  | 16:25:03   | 1                                   | 0.0                                 | 8.33                     | 0.0                          | 0                         | Held JSA                       |                          |                       |
| 06/21/2017  | 16:25:09   | 1                                   | 0.0                                 | 8.33                     | 0.0                          | 0                         | Start Pumping Water            |                          |                       |
| 06/21/2017  | 16:25:11   | 2                                   | 0.0                                 | 8.33                     | 0.0                          | 0                         | Water Sample Taken/Tested      |                          |                       |
| 06/21/2017  | 16:25:13   | 1                                   | 0.0                                 | 8.33                     | 0.0                          | 0                         | Pressure Test Lines            |                          |                       |
| 06/21/2017  | 16:26:01   | 3                                   | 0.0                                 | 8.33                     | 0.0                          | 0                         |                                |                          |                       |
| 06/21/2017  | 16:27:01   | 5                                   | 0.0                                 | 8.33                     | 0.0                          | 0                         |                                |                          |                       |
| 06/21/2017  | 16:28:01   | 35                                  | 0.0                                 | 8.33                     | 0.0                          | 0                         |                                |                          |                       |
| 06/21/2017  | 16:29:01   | 720                                 | 6.4                                 | 8.34                     | 3.6                          | 0                         |                                |                          |                       |
| 06/21/2017  | 16:30:01   | 121                                 | 0.0                                 | 8.34                     | 7.6                          | 0                         |                                |                          |                       |
| 06/21/2017  | 16:31:01   | 1323                                | 0.0                                 | 8.34                     | 7.6                          | 0                         |                                |                          |                       |
| 06/21/2017  | 16:32:01   | 1321                                | 0.0                                 | 8.34                     | 7.6                          | 0                         |                                |                          |                       |
| 06/21/2017  | 16:33:01   | 5403                                | 0.0                                 | 8.34                     | 7.6                          | 0                         |                                |                          |                       |
| 06/21/2017  | 16:34:01   | 5378                                | 0.0                                 | 8.34                     | 7.6                          | 0                         |                                |                          |                       |
| 06/21/2017  | 16:35:01   | 5377                                | 0.0                                 | 8.34                     | 7.6                          | 0                         |                                |                          |                       |
| 06/21/2017  | 16:36:01   | 5384                                | 0.0                                 | 8.34                     | 7.6                          | 0                         |                                |                          |                       |
| 06/21/2017  | 16:37:01   | 104                                 | 0.0                                 | 8.34                     | 7.6                          | 0                         |                                |                          |                       |
| 06/21/2017  | 16:37:23   | 107                                 | 0.0                                 | 8.34                     | 7.6                          | 0                         | End Water                      |                          |                       |
| 06/21/2017  | 16:37:25   | 107                                 | 0.0                                 | 8.34                     | 7.6                          | 0                         | Reset Total, Vol = 7.61 bbl    |                          |                       |
| 06/21/2017  | 16:37:29   | 107                                 | 0.0                                 | 8.34                     | 7.6                          | 0                         | Start Pumping Spacer           |                          |                       |

| Well<br>Butterball 40N-33HZ |                        |                             | Field<br>Wattenberg |                 | Job Start<br>Jun/21/2017 | Customer<br>Anadarko      |                              | Job Number<br>CSS9-00512 |
|-----------------------------|------------------------|-----------------------------|---------------------|-----------------|--------------------------|---------------------------|------------------------------|--------------------------|
| 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            | Solid<br>Fraction<br>NULL | Message                      |                          |
| 06/21/2017                  | 16:39:01               | 114                         | 0.0                 | 8.34            | 7.6                      | 51                        |                              |                          |
| 06/21/2017                  | 16:40:01               | 297                         | 2.3                 | 10.46           | 8.9                      | 44                        |                              |                          |
| 06/21/2017                  | 16:41:01               | 805                         | 6.6                 | 10.69           | 13.4                     | 33                        |                              |                          |
| 06/21/2017                  | 16:42:01               | 827                         | 6.5                 | 10.88           | 19.8                     | 24                        |                              |                          |
| 06/21/2017                  | 16:43:01               | 797                         | 6.5                 | 11.08           | 26.3                     | 21                        |                              |                          |
| 06/21/2017                  | 16:44:01               | 752                         | 6.4                 | 11.01           | 32.6                     | 50                        |                              |                          |
| 06/21/2017                  | 16:45:01               | 735                         | 6.4                 | 11.04           | 38.9                     | 46                        |                              |                          |
| 06/21/2017                  | 16:46:01               | 911                         | 8.2                 | 10.93           | 45.4                     | 40                        |                              |                          |
| 06/21/2017                  | 16:47:01               | 1041                        | 8.2                 | 10.94           | 53.7                     | 35                        |                              |                          |
| 06/21/2017                  | 16:48:01               | 1057                        | 8.2                 | 10.93           | 61.8                     | 32                        |                              |                          |
| 06/21/2017                  | 16:49:01               | 1085                        | 8.2                 | 10.96           | 70.1                     | 28                        |                              |                          |
| 06/21/2017                  | 16:50:01               | 711                         | 6.5                 | 10.92           | 76.7                     | 27                        |                              |                          |
| 06/21/2017                  | 16:51:01               | 374                         | 4.5                 | 10.98           | 81.4                     | 26                        |                              |                          |
| 06/21/2017                  | 16:51:45               | 233                         | 3.8                 | 10.95           | 84.7                     | 30                        | End Spacer                   |                          |
| 06/21/2017                  | 16:52:01               | 209                         | 3.3                 | 10.99           | 85.6                     | 19                        |                              |                          |
| 06/21/2017                  | 16:53:01               | 379                         | 4.6                 | 11.05           | 89.3                     | 3                         |                              |                          |
| 06/21/2017                  | 16:54:01               | 6                           | 0.0                 | 11.26           | 91.5                     | 0                         |                              |                          |
| 06/21/2017                  | 16:55:01               | 4                           | 0.0                 | 11.26           | 91.5                     | 0                         |                              |                          |
| 06/21/2017                  | 16:55:40               | 4                           | 0.0                 | 11.26           | 91.5                     | 0                         | Reset Total, Vol = 80.93 bbl |                          |
| 06/21/2017                  | 16:55:45               | 4                           | 0.0                 | 11.25           | 91.5                     | 0                         | Drop Bottom Plug             |                          |
| 06/21/2017                  | 16:56:01               | 4                           | 0.0                 | 11.25           | 91.5                     | 0                         |                              |                          |
| 06/21/2017                  | 16:57:01               | 4                           | 0.0                 | 11.25           | 91.5                     | 0                         |                              |                          |
| 06/21/2017                  | 16:58:01               | 4                           | 0.0                 | 11.25           | 91.5                     | 0                         |                              |                          |
| 06/21/2017                  | 16:59:01               | 3                           | 0.0                 | 11.24           | 91.5                     | 0                         |                              |                          |
| 06/21/2017                  | 17:00:01               | 4                           | 0.0                 | 11.05           | 91.5                     | 0                         |                              |                          |
| 06/21/2017                  | 17:01:01               | 41                          | 0.0                 | 11.12           | 91.5                     | 44                        |                              |                          |
| 06/21/2017                  | 17:02:01               | 462                         | 4.5                 | 11.87           | 95.5                     | 50                        |                              |                          |
| 06/21/2017                  | 17:02:44               | 776                         | 6.3                 | 11.91           | 98.8                     | 51                        | Start Mixing Lead Slurry     |                          |
| 06/21/2017                  | 17:02:46               | 781                         | 6.4                 | 11.91           | 99.0                     | 51                        | Wet and Dry Sample Taken     |                          |
| 06/21/2017                  | 17:02:47               | 804                         | 6.4                 | 11.91           | 99.1                     | 51                        | 468 sks, 1.82 Yield          |                          |
| 06/21/2017                  | 17:03:01               | 831                         | 6.4                 | 11.92           | 100.6                    | 51                        |                              |                          |
| 06/21/2017                  | 17:04:01               | 825                         | 6.4                 | 11.95           | 107.0                    | 51                        |                              |                          |
| 06/21/2017                  | 17:05:01               | 883                         | 6.4                 | 11.97           | 113.3                    | 50                        |                              |                          |
| 06/21/2017                  | 17:06:01               | 858                         | 6.4                 | 11.99           | 119.7                    | 49                        |                              |                          |
| 06/21/2017                  | 17:07:01               | 833                         | 6.4                 | 12.02           | 126.1                    | 49                        |                              |                          |
| 06/21/2017                  | 17:08:01               | 1341                        | 8.3                 | 12.06           | 134.3                    | 46                        |                              |                          |
| 06/21/2017                  | 17:09:01               | 1340                        | 8.3                 | 12.05           | 142.6                    | 45                        |                              |                          |
| 06/21/2017                  | 17:10:01               | 1249                        | 8.3                 | 12.04           | 150.8                    | 44                        |                              |                          |
| 06/21/2017                  | 17:11:01               | 1243                        | 8.3                 | 12.05           | 159.1                    | 45                        |                              |                          |
| 06/21/2017                  | 17:12:01               | 1178                        | 8.3                 | 12.05           | 167.4                    | 44                        |                              |                          |
| 06/21/2017                  | 17:13:01               | 606                         | 6.4                 | 12.04           | 175.0                    | 47                        |                              |                          |
| 06/21/2017                  | 17:14:01               | 579                         | 6.4                 | 12.17           | 181.4                    | 33                        |                              |                          |
| 06/21/2017                  | 17:15:01               | 76                          | 2.1                 | 11.99           | 184.3                    | 30                        |                              |                          |
| 06/21/2017                  | 17:16:01               | 15                          | 1.8                 | 11.95           | 186.4                    | 65                        |                              |                          |
| 06/21/2017                  | 17:17:01               | 83                          | 2.3                 | 11.93           | 188.1                    | 72                        |                              |                          |
| 06/21/2017                  | 17:18:01               | 84                          | 2.2                 | 11.89           | 190.3                    | 66                        |                              |                          |
| 06/21/2017                  | 17:19:01               | 245                         | 4.5                 | 11.97           | 194.3                    | 62                        |                              |                          |
| 06/21/2017                  | 17:20:01               | 449                         | 6.4                 | 11.99           | 199.3                    | 57                        |                              |                          |
| 06/21/2017                  | 17:21:01               | 487                         | 6.4                 | 11.99           | 205.7                    | 54                        |                              |                          |
| 06/21/2017                  | 17:22:01               | 478                         | 6.4                 | 12.01           | 212.1                    | 51                        |                              |                          |
| 06/21/2017                  | 17:23:01               | 479                         | 6.4                 | 12.06           | 218.5                    | 50                        |                              |                          |
| 06/21/2017                  | 17:24:01               | 487                         | 6.4                 | 12.06           | 224.9                    | 49                        |                              |                          |
| 06/21/2017                  | 17:25:01               | 294                         | 4.5                 | 12.07           | 230.3                    | 36                        |                              |                          |
| 06/21/2017                  | 17:26:01               | 164                         | 3.3                 | 11.99           | 233.7                    | 42                        |                              |                          |

| Well                |                        |                             | Field               |                 | Job Start     |                           | Customer                      |  | Job Number |  |
|---------------------|------------------------|-----------------------------|---------------------|-----------------|---------------|---------------------------|-------------------------------|--|------------|--|
| Butterball 40N-33HZ |                        |                             | Wattenberg          |                 | Jun/21/2017   |                           | Anadarko                      |  | CSS9-00512 |  |
| 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 | Solid<br>Fraction<br>NULL | Message                       |  |            |  |
| 06/21/2017          | 17:28:01               | 157                         | 3.3                 | 12.05           | 240.3         | 34                        |                               |  |            |  |
| 06/21/2017          | 17:28:50               | 108                         | 3.2                 | 12.04           | 243.0         | 25                        | End Lead Slurry               |  |            |  |
| 06/21/2017          | 17:28:51               | 93                          | 3.2                 | 12.04           | 243.1         | 25                        | Reset Total, Vol = 151.53 bbl |  |            |  |
| 06/21/2017          | 17:29:01               | 114                         | 3.2                 | 12.04           | 243.6         | 27                        |                               |  |            |  |
| 06/21/2017          | 17:30:01               | 82                          | 2.3                 | 12.01           | 246.7         | 70                        |                               |  |            |  |
| 06/21/2017          | 17:31:01               | 79                          | 2.2                 | 12.04           | 249.0         | 91                        |                               |  |            |  |
| 06/21/2017          | 17:32:01               | 92                          | 2.1                 | 13.47           | 251.3         | 64                        |                               |  |            |  |
| 06/21/2017          | 17:33:01               | 268                         | 4.5                 | 13.53           | 253.7         | 58                        |                               |  |            |  |
| 06/21/2017          | 17:34:01               | 698                         | 8.3                 | 13.53           | 261.1         | 51                        |                               |  |            |  |
| 06/21/2017          | 17:34:02               | 692                         | 8.3                 | 13.53           | 261.3         | 51                        | Start Mixing Tail Slurry      |  |            |  |
| 06/21/2017          | 17:34:04               | 696                         | 8.3                 | 13.53           | 261.5         | 51                        | Wet and Dry Sample Taken      |  |            |  |
| 06/21/2017          | 17:34:05               | 682                         | 8.3                 | 13.53           | 261.7         | 51                        | Wet Sample Weighed            |  |            |  |
| 06/21/2017          | 17:35:01               | 673                         | 8.3                 | 13.51           | 269.5         | 50                        |                               |  |            |  |
| 06/21/2017          | 17:36:01               | 686                         | 8.3                 | 13.50           | 277.8         | 46                        |                               |  |            |  |
| 06/21/2017          | 17:37:01               | 663                         | 8.3                 | 13.48           | 286.2         | 43                        |                               |  |            |  |
| 06/21/2017          | 17:38:01               | 658                         | 8.4                 | 13.52           | 294.5         | 40                        |                               |  |            |  |
| 06/21/2017          | 17:39:01               | 673                         | 8.4                 | 13.54           | 302.9         | 39                        |                               |  |            |  |
| 06/21/2017          | 17:40:01               | 655                         | 8.4                 | 13.52           | 311.2         | 39                        |                               |  |            |  |
| 06/21/2017          | 17:41:01               | 664                         | 8.4                 | 13.52           | 319.6         | 38                        |                               |  |            |  |
| 06/21/2017          | 17:42:01               | 655                         | 8.4                 | 13.53           | 327.9         | 38                        |                               |  |            |  |
| 06/21/2017          | 17:43:01               | 668                         | 8.3                 | 13.54           | 336.3         | 38                        |                               |  |            |  |
| 06/21/2017          | 17:44:01               | 682                         | 8.4                 | 13.56           | 344.6         | 38                        |                               |  |            |  |
| 06/21/2017          | 17:45:01               | 671                         | 8.3                 | 13.55           | 353.0         | 37                        |                               |  |            |  |
| 06/21/2017          | 17:46:01               | 665                         | 8.3                 | 13.51           | 361.3         | 37                        |                               |  |            |  |
| 06/21/2017          | 17:47:01               | 685                         | 8.3                 | 13.54           | 369.6         | 38                        |                               |  |            |  |
| 06/21/2017          | 17:48:01               | 666                         | 8.4                 | 13.53           | 378.0         | 37                        |                               |  |            |  |
| 06/21/2017          | 17:49:01               | 426                         | 6.5                 | 13.47           | 385.5         | 36                        |                               |  |            |  |
| 06/21/2017          | 17:50:01               | 417                         | 6.5                 | 13.50           | 392.0         | 37                        |                               |  |            |  |
| 06/21/2017          | 17:51:01               | 437                         | 6.5                 | 13.56           | 398.5         | 39                        |                               |  |            |  |
| 06/21/2017          | 17:52:01               | 683                         | 8.3                 | 13.60           | 405.7         | 38                        |                               |  |            |  |
| 06/21/2017          | 17:53:01               | 687                         | 8.4                 | 13.59           | 414.0         | 38                        |                               |  |            |  |
| 06/21/2017          | 17:54:01               | 674                         | 8.4                 | 13.57           | 422.4         | 38                        |                               |  |            |  |
| 06/21/2017          | 17:55:01               | 668                         | 8.3                 | 13.57           | 430.7         | 38                        |                               |  |            |  |
| 06/21/2017          | 17:56:01               | 669                         | 8.4                 | 13.56           | 439.1         | 38                        |                               |  |            |  |
| 06/21/2017          | 17:57:01               | 665                         | 8.4                 | 13.56           | 447.4         | 38                        |                               |  |            |  |
| 06/21/2017          | 17:58:01               | 669                         | 8.4                 | 13.59           | 455.8         | 38                        |                               |  |            |  |
| 06/21/2017          | 17:59:01               | 663                         | 8.3                 | 13.59           | 464.1         | 38                        |                               |  |            |  |
| 06/21/2017          | 18:00:01               | 683                         | 8.4                 | 13.67           | 472.5         | 38                        |                               |  |            |  |
| 06/21/2017          | 18:01:01               | 656                         | 8.3                 | 13.56           | 480.8         | 39                        |                               |  |            |  |
| 06/21/2017          | 18:02:01               | 679                         | 8.3                 | 13.57           | 489.2         | 39                        |                               |  |            |  |
| 06/21/2017          | 18:03:01               | 669                         | 8.4                 | 13.56           | 497.5         | 38                        |                               |  |            |  |
| 06/21/2017          | 18:04:01               | 664                         | 8.4                 | 13.58           | 505.9         | 38                        |                               |  |            |  |
| 06/21/2017          | 18:05:01               | 672                         | 8.4                 | 13.60           | 514.2         | 38                        |                               |  |            |  |
| 06/21/2017          | 18:06:01               | 675                         | 8.4                 | 13.63           | 522.6         | 38                        |                               |  |            |  |
| 06/21/2017          | 18:07:01               | 643                         | 8.4                 | 13.55           | 530.9         | 36                        |                               |  |            |  |
| 06/21/2017          | 18:08:01               | 677                         | 8.4                 | 13.58           | 539.3         | 39                        |                               |  |            |  |
| 06/21/2017          | 18:09:01               | 679                         | 8.3                 | 13.65           | 547.6         | 40                        |                               |  |            |  |
| 06/21/2017          | 18:10:01               | 726                         | 8.4                 | 13.65           | 556.0         | 40                        |                               |  |            |  |
| 06/21/2017          | 18:11:01               | 734                         | 8.3                 | 13.54           | 564.3         | 39                        |                               |  |            |  |
| 06/21/2017          | 18:11:36               | 725                         | 8.3                 | 13.52           | 569.2         | 39                        | End Tail Slurry               |  |            |  |
| 06/21/2017          | 18:11:38               | 435                         | 8.3                 | 13.52           | 569.4         | 39                        | Reset Total, Vol = 326.37 bbl |  |            |  |
| 06/21/2017          | 18:12:01               | 255                         | 4.6                 | 13.50           | 571.3         | 39                        |                               |  |            |  |
| 06/21/2017          | 18:13:01               | 244                         | 4.6                 | 13.21           | 575.9         | 0                         |                               |  |            |  |
| 06/21/2017          | 18:14:01               | 3                           | 0.0                 | 6.53            | 580.3         | 91                        |                               |  |            |  |

| Well                |                        |                             | Field               |                 | Job Start     | Customer                  |                       | Job Number |
|---------------------|------------------------|-----------------------------|---------------------|-----------------|---------------|---------------------------|-----------------------|------------|
| Butterball 40N-33HZ |                        |                             | Wattenberg          |                 | Jun/21/2017   | Anadarko                  |                       | CSS9-00512 |
| 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 | Solid<br>Fraction<br>NULL | Message               |            |
| 06/21/2017          | 18:16:01               | 7                           | 0.4                 | 13.43           | 580.5         | 0                         |                       |            |
| 06/21/2017          | 18:17:01               | 61                          | 0.0                 | 6.68            | 583.4         | 68                        |                       |            |
| 06/21/2017          | 18:18:01               | -0                          | 17.0                | 7.23            | 583.9         | 75                        |                       |            |
| 06/21/2017          | 18:19:01               | 5                           | 0.0                 | 11.05           | 585.4         | 79                        |                       |            |
| 06/21/2017          | 18:20:01               | 7                           | 0.0                 | 6.86            | 585.4         | 81                        |                       |            |
| 06/21/2017          | 18:20:49               | 29                          | 1.3                 | 7.97            | 585.8         | 82                        | Washup Pump and Line  |            |
| 06/21/2017          | 18:21:01               | 28                          | 0.0                 | 4.72            | 586.1         | 82                        |                       |            |
| 06/21/2017          | 18:22:01               | 133                         | 4.0                 | 8.64            | 587.8         | 83                        |                       |            |
| 06/21/2017          | 18:23:01               | 135                         | 4.3                 | 9.35            | 592.0         | 0                         |                       |            |
| 06/21/2017          | 18:24:01               | 72                          | 0.0                 | 8.67            | 593.0         | 0                         |                       |            |
| 06/21/2017          | 18:25:01               | 13                          | 25.0                | 5.96            | 597.6         | 49                        |                       |            |
| 06/21/2017          | 18:26:01               | 245                         | 5.6                 | 8.38            | 602.9         | 23                        |                       |            |
| 06/21/2017          | 18:27:01               | 115                         | 3.8                 | 8.34            | 603.7         | 0                         |                       |            |
| 06/21/2017          | 18:28:01               | 142                         | 4.3                 | 8.40            | 606.4         | 57                        |                       |            |
| 06/21/2017          | 18:28:44               | -10                         | 0.0                 | 8.36            | 608.5         | 0                         | Drop Top Plug         |            |
| 06/21/2017          | 18:28:46               | -11                         | 0.0                 | 8.36            | 608.5         | 0                         | Start Displacement    |            |
| 06/21/2017          | 18:29:01               | -8                          | 0.0                 | 8.35            | 608.5         | 0                         |                       |            |
| 06/21/2017          | 18:30:01               | -7                          | 0.0                 | 8.35            | 608.5         | 0                         |                       |            |
| 06/21/2017          | 18:31:01               | 177                         | 6.5                 | 8.39            | 612.3         | 0                         |                       |            |
| 06/21/2017          | 18:32:01               | 179                         | 6.5                 | 8.39            | 618.8         | 0                         |                       |            |
| 06/21/2017          | 18:33:01               | 371                         | 9.7                 | 8.35            | 628.3         | 0                         |                       |            |
| 06/21/2017          | 18:34:01               | 278                         | 8.4                 | 8.36            | 637.2         | 0                         |                       |            |
| 06/21/2017          | 18:34:53               | 270                         | 8.4                 | 8.37            | 644.4         | 0                         | Sugar in First 40 Bbl |            |
| 06/21/2017          | 18:35:01               | 266                         | 8.4                 | 8.36            | 645.5         | 0                         |                       |            |
| 06/21/2017          | 18:36:01               | 275                         | 8.4                 | 8.38            | 653.9         | 0                         |                       |            |
| 06/21/2017          | 18:37:01               | 1058                        | 8.3                 | 8.36            | 662.3         | 0                         |                       |            |
| 06/21/2017          | 18:38:01               | 1157                        | 8.2                 | 8.36            | 670.5         | 0                         |                       |            |
| 06/21/2017          | 18:39:01               | 1246                        | 8.2                 | 8.36            | 678.8         | 0                         |                       |            |
| 06/21/2017          | 18:40:01               | 1309                        | 8.2                 | 8.36            | 687.0         | 0                         |                       |            |
| 06/21/2017          | 18:41:01               | 1399                        | 8.2                 | 8.36            | 695.2         | 0                         |                       |            |
| 06/21/2017          | 18:42:01               | 1492                        | 8.2                 | 8.36            | 703.4         | 0                         |                       |            |
| 06/21/2017          | 18:43:01               | 1587                        | 8.2                 | 8.36            | 711.7         | 0                         |                       |            |
| 06/21/2017          | 18:44:01               | 1672                        | 8.2                 | 8.36            | 719.9         | 0                         |                       |            |
| 06/21/2017          | 18:45:01               | 1774                        | 8.2                 | 8.36            | 728.1         | 0                         |                       |            |
| 06/21/2017          | 18:46:01               | 1879                        | 8.2                 | 8.36            | 736.3         | 0                         |                       |            |
| 06/21/2017          | 18:47:01               | 1994                        | 8.2                 | 8.36            | 744.5         | 0                         |                       |            |
| 06/21/2017          | 18:48:01               | 2087                        | 8.2                 | 8.36            | 752.6         | 0                         |                       |            |
| 06/21/2017          | 18:49:01               | 2196                        | 8.2                 | 8.36            | 760.8         | 0                         |                       |            |
| 06/21/2017          | 18:50:01               | 2299                        | 8.2                 | 8.36            | 769.0         | 0                         |                       |            |
| 06/21/2017          | 18:51:01               | 2402                        | 8.2                 | 8.36            | 777.2         | 0                         |                       |            |
| 06/21/2017          | 18:52:01               | 2500                        | 8.2                 | 8.36            | 785.3         | 0                         |                       |            |
| 06/21/2017          | 18:53:01               | 2579                        | 8.1                 | 8.35            | 793.5         | 0                         |                       |            |
| 06/21/2017          | 18:54:01               | 2606                        | 8.1                 | 8.36            | 801.6         | 0                         |                       |            |
| 06/21/2017          | 18:55:01               | 2633                        | 8.1                 | 8.36            | 809.8         | 0                         |                       |            |
| 06/21/2017          | 18:56:01               | 2663                        | 8.1                 | 8.36            | 817.9         | 0                         |                       |            |
| 06/21/2017          | 18:57:01               | 2695                        | 8.1                 | 8.36            | 826.0         | 0                         |                       |            |
| 06/21/2017          | 18:58:01               | 2726                        | 8.1                 | 8.36            | 834.2         | 0                         |                       |            |
| 06/21/2017          | 18:59:01               | 2750                        | 8.1                 | 8.36            | 842.3         | 0                         |                       |            |
| 06/21/2017          | 19:00:01               | 2777                        | 8.1                 | 8.36            | 850.4         | 0                         |                       |            |
| 06/21/2017          | 19:01:01               | 2810                        | 8.1                 | 8.36            | 858.6         | 0                         |                       |            |
| 06/21/2017          | 19:02:01               | 2845                        | 8.1                 | 8.36            | 866.7         | 0                         |                       |            |
| 06/21/2017          | 19:03:01               | 2877                        | 8.1                 | 8.36            | 874.8         | 0                         |                       |            |
| 06/21/2017          | 19:04:01               | 2906                        | 8.1                 | 8.36            | 883.0         | 0                         |                       |            |
| 06/21/2017          | 19:05:01               | 2941                        | 8.1                 | 8.36            | 891.1         | 0                         |                       |            |

| Well                |                        |                             | Field               |                 | Job Start     |                           | Customer                           |  | Job Number |  |
|---------------------|------------------------|-----------------------------|---------------------|-----------------|---------------|---------------------------|------------------------------------|--|------------|--|
| Butterball 40N-33HZ |                        |                             | Wattenberg          |                 | Jun/21/2017   |                           | Anadarko                           |  | CSS9-00512 |  |
| 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 | Solid<br>Fraction<br>NULL | Message                            |  |            |  |
| 06/21/2017          | 19:07:01               | 2549                        | 6.3                 | 8.36            | 904.6         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:08:01               | 2561                        | 6.3                 | 8.36            | 910.9         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:09:01               | 2609                        | 6.3                 | 8.35            | 917.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:10:01               | 2647                        | 6.3                 | 8.36            | 923.5         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:11:01               | 2669                        | 6.3                 | 8.36            | 929.8         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:12:01               | 2710                        | 6.3                 | 8.36            | 936.1         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:13:01               | 2690                        | 6.3                 | 8.36            | 942.5         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:14:01               | 2691                        | 6.3                 | 8.36            | 948.8         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:15:01               | 2768                        | 6.3                 | 8.36            | 955.1         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:16:01               | 2801                        | 6.3                 | 8.36            | 961.4         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:17:01               | 2787                        | 6.3                 | 8.36            | 967.7         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:18:01               | 2626                        | 4.3                 | 8.36            | 973.9         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:19:01               | 2050                        | 2.3                 | 8.36            | 976.6         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:20:01               | 2055                        | 2.3                 | 8.35            | 978.8         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:21:01               | 2106                        | 2.3                 | 8.36            | 981.1         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:22:01               | 2083                        | 2.3                 | 8.36            | 983.4         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:23:01               | 2125                        | 2.3                 | 8.36            | 985.6         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:24:01               | 2523                        | 2.3                 | 8.36            | 987.9         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:25:01               | 2845                        | 0.0                 | 8.36            | 988.3         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:25:37               | 2800                        | 0.0                 | 8.36            | 988.3         | 0                         | Bump Top Plug 2100-2800 psi        |  |            |  |
| 06/21/2017          | 19:25:39               | 2791                        | 0.0                 | 8.36            | 988.3         | 0                         | End Displacement                   |  |            |  |
| 06/21/2017          | 19:25:41               | 2836                        | 0.0                 | 8.36            | 988.3         | 0                         | Reset Total, Vol = 372.7 bbl       |  |            |  |
| 06/21/2017          | 19:25:47               | 2796                        | 0.0                 | 8.36            | 988.3         | 0                         | Floats Hold, 4 Bbl Back            |  |            |  |
| 06/21/2017          | 19:26:01               | 2837                        | 0.0                 | 8.36            | 988.3         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:27:01               | 2842                        | 0.0                 | 8.36            | 988.3         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:28:01               | 2859                        | 0.0                 | 8.36            | 988.3         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:29:01               | 2877                        | 0.0                 | 8.36            | 988.3         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:30:01               | 2897                        | 0.0                 | 8.36            | 988.3         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:31:01               | -1                          | 0.0                 | 8.36            | 988.3         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:31:06               | -11                         | 0.0                 | 8.36            | 988.3         | 0                         | Start 15 min 3000 Casing Test      |  |            |  |
| 06/21/2017          | 19:32:01               | 962                         | 2.3                 | 8.36            | 989.4         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:33:01               | 2645                        | 0.8                 | 8.35            | 991.6         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:34:01               | 3044                        | 0.0                 | 8.35            | 992.2         | 0                         | Bleed Off, Floats Hold             |  |            |  |
| 06/21/2017          | 19:35:01               | 3048                        | 0.0                 | 8.35            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:36:01               | 3056                        | 0.0                 | 8.35            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:37:01               | 3070                        | 0.0                 | 8.36            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:38:01               | 3085                        | 0.0                 | 8.35            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:39:01               | 3100                        | 0.0                 | 8.36            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:40:01               | 3117                        | 0.0                 | 8.35            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:41:01               | 3132                        | 0.0                 | 8.36            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:42:01               | 3149                        | 0.0                 | 8.35            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:43:01               | 3164                        | 0.0                 | 8.36            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:44:01               | 3181                        | 0.0                 | 8.35            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:45:01               | 3197                        | 0.0                 | 8.35            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:46:01               | 3213                        | 0.0                 | 8.35            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:47:01               | 3229                        | 0.0                 | 8.35            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:48:01               | 3245                        | 0.0                 | 8.35            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:49:01               | 3198                        | 0.0                 | 8.35            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:50:00               | -14                         | 0.0                 | 8.35            | 992.2         | 0                         | Pressure Up for Wet Shoe, 4975 psi |  |            |  |
| 06/21/2017          | 19:50:01               | -14                         | 0.0                 | 8.35            | 992.2         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:50:21               | -11                         | 0.0                 | 8.35            | 992.2         | 0                         | Pump 4 Bbl Wet Shoe                |  |            |  |
| 06/21/2017          | 19:51:01               | 2104                        | 6.3                 | 8.35            | 994.4         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:52:01               | 2120                        | 0.0                 | 8.36            | 998.3         | 0                         |                                    |  |            |  |
| 06/21/2017          | 19:52:31               | 2130                        | 2.3                 | 8.36            | 999.0         | 0                         | Bleed Off, Floats Hold             |  |            |  |

| Well<br>Butterball 40N-33HZ |                        |                             | Field<br>Wattenberg |                 | Job Start<br>Jun/21/2017 | Customer<br>Anadarko      |         | Job Number<br>CSS9-00512 |
|-----------------------------|------------------------|-----------------------------|---------------------|-----------------|--------------------------|---------------------------|---------|--------------------------|
| 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            | Solid<br>Fraction<br>NULL | Message |                          |
| 06/21/2017                  | 19:54:01               | 2119                        | 2.3                 | 8.35            | 1002.4                   | 0                         |         |                          |
| 06/21/2017                  | 19:54:59               | 670                         | 0.0                 | 8.36            | 1002.5                   | 0                         | End Job |                          |
| 06/21/2017                  | 19:55:01               | 528                         | 0.0                 | 8.36            | 1002.5                   | 0                         |         |                          |
| 06/21/2017                  | 19:55:15               | -12                         | 0.0                 | 8.36            | 1002.5                   | 0                         | End Job |                          |

### Post Job Summary

| Average Pump Rates, bbl/min                         |                                     |                 |  |                           | Volume of Fluid Injected, bbl                          |   |   |                   |  |  |  |
|---|-------------------------------------|-----------------|--|---------------------------|--|---|---|-------------------|--|--|--|
| Slurry<br>6.5                                       | N2                                  | Mud             | Maximum Rate<br>25.0                                   |                           | Total Slurry<br>477.0                                  | Mud<br>0.0                                | Spacer<br>80.0                                    | N2                |  |  |  |
| Treating Pressure Summary, psi                      |                                     |                 |  |                           | Breakdown Fluid  |   |   |                   |  |  |  |
| Maximum<br>5521                                     | Final<br>-10                        | Average<br>1322 | Bump Plug to<br>2800                                   | Breakdown                 | Type   | Volume<br>bbl                             |   | Density<br>lb/gal |  |  |  |
| Avg. N2 Percent<br>%                                | Designed Slurry Volume<br>475.0 bbl |                 | Displacement<br>372.7 bbl                              | Mix Water Temp<br>73 degF | Cement Circulated to Surface? <input type="checkbox"/> |   | Volume<br>bbl                                     |                   |  |  |  |
|   |                                     |                 |  |                           | Washed Thru Perfs <input type="checkbox"/>             |   | To<br>ft  |                   |  |  |  |
| Customer or Authorized Representative<br>Joe Wallem |                                     |                 | Schlumberger Supervisor<br>Ryan Drilling/Ken Sovereign |                           |  | Circulation Lost <input type="checkbox"/> | Job Completed <input checked="" type="checkbox"/> |                   |  |  |  |
|   |                                     |                 |  |                           |  | -   | -   |                   |  |  |  |