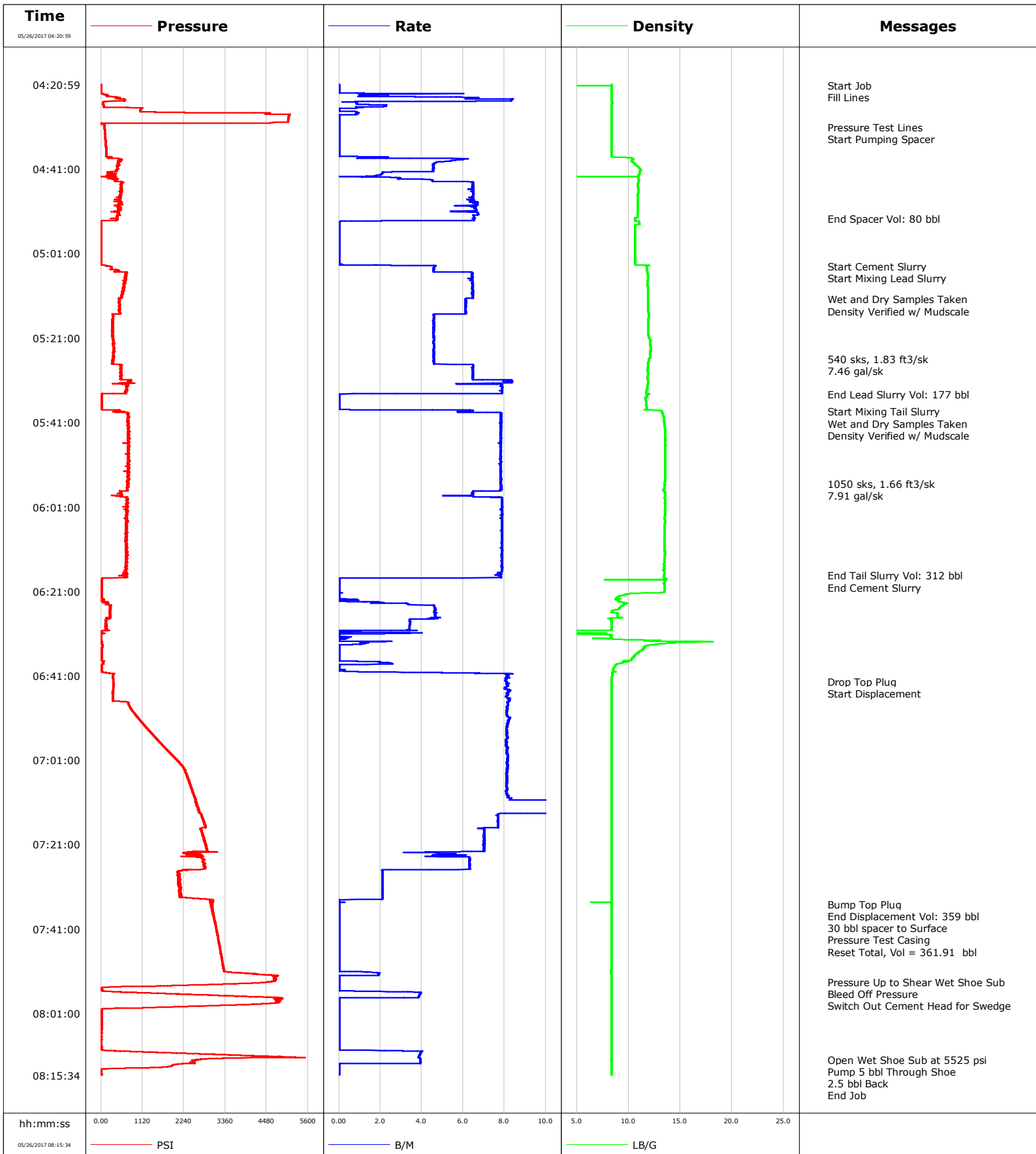


| | | | |
|-----------------|--------------------|-----------------|----------------------------|
| Well | Butterball 9N-34HZ | Client | ANADARKO PETROLEUM COMPANY |
| Field | Wattenberg | SIR No. | DMBW-00999 |
| Engineer | Billy Barg | Job Type | Production |
| Country | United States | Job Date | 05-26-2017 |



| | | | | Customer | | | Job Number | |
|--|---|-------------------------------------|----------------------------|---------------------------------------|--------------------|-----------------------|--------------------------------|--|
| | | | | ANADARKO PETROLEUM COMPANY | | | DMBW-00999 | |
| Well Butterball 9N-34HZ 0631713669 | | Location (legal) | | Schlumberger Location Cheyenne, WY | | | Job Start May/26/2017 | |
| Field Wattenberg | | Formation Name/Type | | Deviation 90 deg | Bit Size 7.9 in | Well MD 15489.0 ft | Well TVD 7309.0 ft | |
| County Weld | | State/Province Colorado | | BHP psi | BHST 228 degF | BHCT 226 degF | Pore Press. Gradient lb/gal | |
| Well Master 0631713669 | | API/UWI | | | | | | |
| Rig Name PD 461 | Drilled For Oil and Gas | Service Via Land | Casing/Liner | | | | | |
| | | | Depth, ft | Size, in | Weight, lb/ft | Grade | Thread | |
| Offshore Zone | Well Class New | Well Type Development | 1824.0 | 9.6 | 36.0 | J-55 | LTC | |
| | | | 15481.0 | 5.5 | 17.0 | HCP-110 | LTC | |
| Drilling Fluid Type OBM | | Max. Density 9.20 lb/gal | Plastic Viscosity cP | | Tubing/Drill Pipe | | | |
| | | | T/D | Depth, ft | Size, in | Weight, lb/ft | Grade | |
| | | | | | | | | |
| Service Line Cementing | Job Type Production | | | | | | | |
| | | | | | | | | |
| Max. Allowed Tub. Press psi | Max. Allowed Ann. Press psi | WH Connection 5.5" LTC | Perforations/Open Hole | | | | | |
| | | | Top, ft | Bottom, ft | shot/ft | No. of Shots | Total Interval ft | |
| Service Instructions | | | ft | ft | | | Diameter in | |
| | | | ft | ft | | | | |
| | | | ft | ft | | | | |
| Treat Down Casing | | Displacement 359.8 bbl | | Packer Type | | Packer Depth ft | | |
| Tubing Vol. bbl | | Casing Vol. bbl | | Annular Vol. 508.8 bbl | | Openhole Vol. bbl | | |
| Casing/Tubing Secured <input type="checkbox"/> | 1 Hole Vol. Circulated prior to Cement <input type="checkbox"/> | Casing Tools | | | Squeeze Job | | | |
| Lift Pressure 11077 psi | Shoe Type Shoe | Shoe Depth 15481.0 ft | Squeeze Type | | | | | |
| Pipe Rotated <input type="checkbox"/> | Pipe Reciprocated <input type="checkbox"/> | Stage Tool Type | Tool Type | | | | | |
| No. Centralizers | Top Plugs | Bottom Plugs | Stage Tool Depth ft | Tool Depth ft | | | | |
| Cement Head Type Double | Stage Tool Depth ft | Tail Pipe Size in | | | | | | |
| Job Scheduled For May/26/2017 00:00 | Arrived on Location May/26/2017 00:00 | Leave Location May/26/2017 09:30 | Collar Type Baffle | Tail Pipe Depth ft | | | | |
| | | | Collar Depth 15476.0 ft | Sqz. Total Vol. bbl | | | | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message | | |
| 05/26/2017 | 04:20:59 | 5 | 0.0 | 8.37 | 0.0 | Started Acquisition | | |
| 05/26/2017 | 04:21:10 | 5 | 0.0 | 8.37 | 0.0 | Start Job | | |
| 05/26/2017 | 04:21:16 | 5 | 0.0 | 8.37 | 0.0 | Fill Lines | | |
| 05/26/2017 | 04:22:39 | 3 | 0.0 | 8.37 | 0.0 | | | |
| 05/26/2017 | 04:24:19 | 445 | 6.7 | 8.35 | 0.0 | | | |
| 05/26/2017 | 04:25:59 | 68 | 2.3 | 8.36 | 3.9 | | | |
| 05/26/2017 | 04:27:39 | 2273 | 0.8 | 8.36 | 3.9 | | | |
| 05/26/2017 | 04:29:19 | 5061 | 0.0 | 8.36 | 3.9 | | | |
| 05/26/2017 | 04:30:59 | 88 | 0.0 | 8.36 | 3.9 | | | |
| 05/26/2017 | 04:31:06 | 90 | 0.0 | 8.36 | 3.9 | Pressure Test Lines | | |
| 05/26/2017 | 04:32:39 | 107 | 0.0 | 8.36 | 3.9 | | | |
| 05/26/2017 | 04:32:45 | 108 | 0.0 | 8.36 | 3.9 | Start Pumping Spacer | | |
| 05/26/2017 | 04:34:19 | 123 | 0.0 | 8.36 | 3.9 | | | |
| 05/26/2017 | 04:35:59 | 136 | 0.0 | 8.36 | 3.9 | | | |
| 05/26/2017 | 04:37:39 | 142 | 0.0 | 8.35 | 3.9 | | | |
| 05/26/2017 | 04:39:19 | 476 | 4.9 | 10.35 | 4.0 | | | |
| 05/26/2017 | 04:40:59 | 461 | 4.6 | 11.09 | 11.7 | | | |
| 05/26/2017 | 04:42:39 | 218 | 1.7 | 10.95 | 17.1 | | | |
| 05/26/2017 | 04:44:19 | 562 | 6.5 | 10.94 | 24.0 | | | |
| 05/26/2017 | 04:45:59 | 532 | 6.5 | 10.96 | 35.0 | | | |
| 05/26/2017 | 04:47:39 | 510 | 6.5 | 10.91 | 45.9 | | | |

| Well | | Field | | Job Start | | Customer | | Job Number | |
|-------------------------------|------------------|-----------------------|---------------|--------------|------------|-------------------------------|--|------------|--|
| Butterball 9N-34HZ 0631713669 | | Wattenberg | | May/26/2017 | | ANADARKO PETROLEUM COMPANY | | DMBW-00999 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message | | | |
| 05/26/2017 | 04:50:59 | 356 | 5.4 | 10.89 | 68.1 | | | | |
| 05/26/2017 | 04:52:39 | 456 | 6.6 | 10.62 | 79.2 | | | | |
| 05/26/2017 | 04:52:47 | 423 | 6.5 | 10.62 | 80.1 | End Spacer Vol: 80 bbl | | | |
| 05/26/2017 | 04:54:19 | 9 | 0.0 | 10.63 | 83.5 | | | | |
| 05/26/2017 | 04:55:59 | 9 | 0.0 | 10.63 | 0.0 | | | | |
| 05/26/2017 | 04:57:39 | 9 | 0.0 | 10.63 | 0.0 | | | | |
| 05/26/2017 | 04:59:19 | 9 | 0.0 | 10.63 | 0.0 | | | | |
| 05/26/2017 | 05:00:59 | 9 | 0.0 | 10.63 | 0.0 | | | | |
| 05/26/2017 | 05:02:39 | 9 | 0.0 | 10.63 | 0.0 | | | | |
| 05/26/2017 | 05:03:57 | 134 | 4.7 | 11.69 | 0.6 | Start Cement Slurry | | | |
| 05/26/2017 | 05:03:59 | 158 | 4.7 | 11.73 | 0.8 | Start Mixing Lead Slurry | | | |
| 05/26/2017 | 05:04:19 | 291 | 4.6 | 11.78 | 2.3 | | | | |
| 05/26/2017 | 05:05:59 | 681 | 6.5 | 11.84 | 11.2 | | | | |
| 05/26/2017 | 05:07:39 | 644 | 6.5 | 11.84 | 22.2 | | | | |
| 05/26/2017 | 05:09:19 | 593 | 6.5 | 11.86 | 33.2 | | | | |
| 05/26/2017 | 05:10:59 | 559 | 6.5 | 11.87 | 44.1 | | | | |
| 05/26/2017 | 05:11:48 | 469 | 6.1 | 11.87 | 49.5 | Wet and Dry Samples Taken | | | |
| 05/26/2017 | 05:11:57 | 504 | 6.1 | 11.88 | 50.4 | Density Verified w/ Mudscales | | | |
| 05/26/2017 | 05:12:39 | 477 | 6.1 | 11.89 | 54.7 | | | | |
| 05/26/2017 | 05:14:19 | 509 | 6.1 | 11.87 | 65.1 | | | | |
| 05/26/2017 | 05:15:59 | 327 | 4.6 | 11.96 | 74.5 | | | | |
| 05/26/2017 | 05:17:39 | 326 | 4.6 | 11.92 | 82.2 | | | | |
| 05/26/2017 | 05:19:19 | 307 | 4.6 | 11.93 | 89.9 | | | | |
| 05/26/2017 | 05:20:59 | 313 | 4.6 | 11.96 | 97.7 | | | | |
| 05/26/2017 | 05:22:39 | 321 | 4.6 | 12.08 | 105.4 | | | | |
| 05/26/2017 | 05:24:19 | 325 | 4.6 | 12.05 | 113.1 | | | | |
| 05/26/2017 | 05:25:59 | 322 | 4.6 | 11.95 | 120.8 | | | | |
| 05/26/2017 | 05:26:04 | 316 | 4.6 | 11.95 | 121.2 | 540 sks, 1.83 ft3/sk | | | |
| 05/26/2017 | 05:26:14 | 304 | 4.6 | 11.96 | 122.0 | 7.46 gal/sk | | | |
| 05/26/2017 | 05:27:39 | 539 | 6.5 | 11.85 | 129.3 | | | | |
| 05/26/2017 | 05:29:19 | 524 | 6.5 | 11.85 | 140.3 | | | | |
| 05/26/2017 | 05:30:59 | 798 | 8.3 | 11.85 | 151.4 | | | | |
| 05/26/2017 | 05:32:39 | 676 | 7.9 | 11.80 | 164.9 | | | | |
| 05/26/2017 | 05:34:17 | 16 | 0.0 | 11.87 | 177.5 | End Lead Slurry Vol: 177 bbl | | | |
| 05/26/2017 | 05:34:19 | 19 | 0.0 | 12.01 | 177.5 | | | | |
| 05/26/2017 | 05:35:59 | 16 | 0.0 | 11.69 | 177.5 | | | | |
| 05/26/2017 | 05:37:39 | 18 | 0.0 | 11.76 | 177.5 | | | | |
| 05/26/2017 | 05:38:20 | 508 | 6.5 | 13.17 | 1.6 | Start Mixing Tail Slurry | | | |
| 05/26/2017 | 05:39:19 | 718 | 7.8 | 13.34 | 9.1 | | | | |
| 05/26/2017 | 05:40:59 | 707 | 7.8 | 13.43 | 22.5 | | | | |
| 05/26/2017 | 05:41:21 | 754 | 7.8 | 13.46 | 25.4 | Wet and Dry Samples Taken | | | |
| 05/26/2017 | 05:41:38 | 726 | 7.8 | 13.47 | 27.7 | Density Verified w/ Mudscales | | | |
| 05/26/2017 | 05:42:39 | 739 | 7.8 | 13.53 | 35.8 | | | | |
| 05/26/2017 | 05:44:19 | 739 | 7.8 | 13.56 | 49.2 | | | | |
| 05/26/2017 | 05:45:59 | 751 | 7.8 | 13.56 | 62.5 | | | | |
| 05/26/2017 | 05:47:39 | 718 | 7.8 | 13.53 | 75.9 | | | | |
| 05/26/2017 | 05:49:19 | 724 | 7.8 | 13.56 | 89.2 | | | | |
| 05/26/2017 | 05:50:59 | 738 | 7.8 | 13.55 | 102.6 | | | | |
| 05/26/2017 | 05:52:39 | 759 | 7.8 | 13.55 | 115.9 | | | | |
| 05/26/2017 | 05:54:19 | 754 | 7.8 | 13.55 | 129.3 | | | | |
| 05/26/2017 | 05:55:31 | 746 | 7.8 | 13.51 | 138.9 | 1050 sks, 1.66 ft3/sk | | | |
| 05/26/2017 | 05:55:42 | 738 | 7.8 | 13.53 | 140.3 | 7.91 gal/sk | | | |
| 05/26/2017 | 05:55:59 | 718 | 7.8 | 13.48 | 142.6 | | | | |
| 05/26/2017 | 05:57:39 | 536 | 6.5 | 13.50 | 155.4 | | | | |

| Well | | Field | | Job Start | | Customer | | Job Number | |
|-------------------------------|------------------|-----------------------|---------------|--------------|------------|------------------------------|--|------------|--|
| Butterball 9N-34HZ 0631713669 | | Wattenberg | | May/26/2017 | | ANADARKO PETROLEUM COMPANY | | DMBW-00999 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message | | | |
| 05/26/2017 | 06:00:59 | 592 | 7.8 | 13.54 | 180.6 | | | | |
| 05/26/2017 | 06:02:39 | 692 | 7.9 | 13.55 | 193.9 | | | | |
| 05/26/2017 | 06:04:19 | 724 | 7.8 | 13.53 | 207.3 | | | | |
| 05/26/2017 | 06:05:59 | 701 | 7.9 | 13.50 | 220.6 | | | | |
| 05/26/2017 | 06:07:39 | 694 | 7.9 | 13.49 | 234.0 | | | | |
| 05/26/2017 | 06:09:19 | 681 | 7.9 | 13.44 | 247.3 | | | | |
| 05/26/2017 | 06:10:59 | 700 | 7.9 | 13.48 | 260.6 | | | | |
| 05/26/2017 | 06:12:39 | 714 | 7.9 | 13.49 | 274.0 | | | | |
| 05/26/2017 | 06:14:19 | 666 | 7.9 | 13.49 | 287.3 | | | | |
| 05/26/2017 | 06:15:59 | 674 | 7.9 | 13.36 | 300.7 | | | | |
| 05/26/2017 | 06:17:18 | 633 | 7.8 | 13.39 | 311.3 | End Tail Slurry Vol: 312 bbl | | | |
| 05/26/2017 | 06:17:19 | 688 | 7.8 | 13.39 | 311.4 | End Cement Slurry | | | |
| 05/26/2017 | 06:17:39 | 693 | 7.8 | 13.39 | 314.0 | | | | |
| 05/26/2017 | 06:19:19 | 23 | 0.0 | 13.47 | 315.7 | | | | |
| 05/26/2017 | 06:20:59 | 23 | 0.0 | 13.48 | 315.7 | | | | |
| 05/26/2017 | 06:22:39 | 23 | 0.0 | 8.81 | 315.7 | | | | |
| 05/26/2017 | 06:24:19 | 278 | 4.6 | 9.50 | 318.2 | | | | |
| 05/26/2017 | 06:25:59 | 244 | 4.6 | 8.37 | 325.9 | | | | |
| 05/26/2017 | 06:27:39 | 135 | 3.4 | 8.26 | 333.6 | | | | |
| 05/26/2017 | 06:29:19 | 160 | 3.4 | 8.38 | 339.2 | | | | |
| 05/26/2017 | 06:30:59 | 100 | 3.2 | 7.91 | 344.9 | | | | |
| 05/26/2017 | 06:32:39 | 12 | 0.0 | 13.10 | 345.2 | | | | |
| 05/26/2017 | 06:34:19 | 26 | 0.0 | 11.53 | 0.4 | | | | |
| 05/26/2017 | 06:35:59 | 24 | 0.0 | 10.68 | 0.4 | | | | |
| 05/26/2017 | 06:37:39 | 53 | 1.7 | 9.98 | 0.5 | | | | |
| 05/26/2017 | 06:39:19 | 23 | 0.0 | 8.53 | 2.2 | | | | |
| 05/26/2017 | 06:40:59 | 315 | 8.2 | 8.40 | 8.2 | | | | |
| 05/26/2017 | 06:42:22 | 335 | 8.1 | 8.36 | 19.3 | Drop Top Plug | | | |
| 05/26/2017 | 06:42:39 | 331 | 8.1 | 8.36 | 21.6 | | | | |
| 05/26/2017 | 06:44:19 | 331 | 8.2 | 8.36 | 35.0 | | | | |
| 05/26/2017 | 06:45:59 | 318 | 8.1 | 8.36 | 48.3 | | | | |
| 05/26/2017 | 06:47:39 | 744 | 8.2 | 8.36 | 61.7 | | | | |
| 05/26/2017 | 06:49:19 | 848 | 8.1 | 8.36 | 75.1 | | | | |
| 05/26/2017 | 06:50:59 | 998 | 8.3 | 8.36 | 88.5 | | | | |
| 05/26/2017 | 06:52:39 | 1159 | 8.1 | 8.36 | 101.9 | | | | |
| 05/26/2017 | 06:54:19 | 1328 | 8.1 | 8.36 | 115.2 | | | | |
| 05/26/2017 | 06:55:59 | 1513 | 8.1 | 8.36 | 128.6 | | | | |
| 05/26/2017 | 06:57:39 | 1682 | 8.1 | 8.36 | 142.0 | | | | |
| 05/26/2017 | 06:59:19 | 1867 | 8.1 | 8.36 | 155.4 | | | | |
| 05/26/2017 | 07:00:59 | 2057 | 8.1 | 8.36 | 168.7 | | | | |
| 05/26/2017 | 07:02:39 | 2223 | 8.1 | 8.36 | 182.1 | | | | |
| 05/26/2017 | 07:04:19 | 2315 | 8.1 | 8.36 | 195.5 | | | | |
| 05/26/2017 | 07:05:59 | 2379 | 8.1 | 8.36 | 208.9 | | | | |
| 05/26/2017 | 07:07:39 | 2434 | 8.1 | 8.36 | 222.2 | | | | |
| 05/26/2017 | 07:09:19 | 2511 | 8.1 | 8.36 | 235.6 | | | | |
| 05/26/2017 | 07:10:59 | 2578 | 21.6 | 8.37 | 249.0 | | | | |
| 05/26/2017 | 07:12:39 | 2637 | 21.3 | 8.37 | 262.4 | | | | |
| 05/26/2017 | 07:14:19 | 2725 | 7.7 | 8.36 | 275.8 | | | | |
| 05/26/2017 | 07:15:59 | 2798 | 7.7 | 8.36 | 289.1 | | | | |
| 05/26/2017 | 07:17:39 | 2725 | 7.0 | 8.36 | 302.0 | | | | |
| 05/26/2017 | 07:19:19 | 2781 | 7.0 | 8.36 | 314.2 | | | | |
| 05/26/2017 | 07:20:59 | 2820 | 7.0 | 8.36 | 326.4 | | | | |
| 05/26/2017 | 07:22:39 | 2479 | 5.9 | 8.36 | 338.7 | | | | |
| 05/26/2017 | 07:24:19 | 2736 | 6.3 | 8.36 | 349.2 | | | | |

| Well | | Field | | Job Start | | Customer | | Job Number | |
|-------------------------------|------------------|-----------------------|---------------|--------------|------------|-----------------------------------|--|------------|--|
| Butterball 9N-34HZ 0631713669 | | Wattenberg | | May/26/2017 | | ANADARKO PETROLEUM COMPANY | | DMBW-00999 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message | | | |
| 05/26/2017 | 07:27:39 | 2075 | 2.1 | 8.36 | 367.9 | | | | |
| 05/26/2017 | 07:29:19 | 2091 | 2.1 | 8.36 | 371.5 | | | | |
| 05/26/2017 | 07:30:59 | 2128 | 2.1 | 8.36 | 375.0 | | | | |
| 05/26/2017 | 07:32:39 | 2162 | 2.1 | 8.36 | 378.6 | | | | |
| 05/26/2017 | 07:34:19 | 2944 | 0.0 | 8.36 | 381.5 | | | | |
| 05/26/2017 | 07:35:08 | 2995 | 0.0 | 8.36 | 381.5 | Bump Top Plug | | | |
| 05/26/2017 | 07:35:24 | 2980 | 0.0 | 8.36 | 381.5 | 30 bbl spacer to Surface | | | |
| 05/26/2017 | 07:35:59 | 2994 | 0.0 | 8.36 | 381.5 | | | | |
| 05/26/2017 | 07:36:40 | 3027 | 0.0 | 8.36 | 381.5 | Pressure Test Casing | | | |
| 05/26/2017 | 07:36:45 | 3009 | 0.0 | 8.36 | 381.5 | Reset Total, Vol = 361.91 bbl | | | |
| 05/26/2017 | 07:37:39 | 3041 | 0.0 | 8.36 | 381.5 | | | | |
| 05/26/2017 | 07:39:19 | 3075 | 0.0 | 8.36 | 381.5 | | | | |
| 05/26/2017 | 07:40:59 | 3118 | 0.0 | 8.36 | 381.5 | | | | |
| 05/26/2017 | 07:42:39 | 3152 | 0.0 | 8.36 | 381.5 | | | | |
| 05/26/2017 | 07:44:19 | 3188 | 0.0 | 8.36 | 381.5 | | | | |
| 05/26/2017 | 07:45:59 | 3223 | 0.0 | 8.36 | 381.5 | | | | |
| 05/26/2017 | 07:47:39 | 3256 | 0.0 | 8.37 | 381.5 | | | | |
| 05/26/2017 | 07:49:19 | 3290 | 0.0 | 8.37 | 381.5 | | | | |
| 05/26/2017 | 07:50:59 | 3322 | 0.0 | 8.34 | 381.5 | | | | |
| 05/26/2017 | 07:52:39 | 4678 | 0.0 | 8.37 | 383.3 | | | | |
| 05/26/2017 | 07:53:29 | 4554 | 0.0 | 8.37 | 383.3 | Pressure Up to Shear Wet Shoe Sub | | | |
| 05/26/2017 | 07:53:39 | 4408 | 0.0 | 8.37 | 383.3 | Bleed Off Pressure | | | |
| 05/26/2017 | 07:54:19 | 2225 | 0.0 | 8.37 | 383.3 | | | | |
| 05/26/2017 | 07:55:59 | 815 | 3.9 | 8.36 | 384.2 | | | | |
| 05/26/2017 | 07:57:39 | 4878 | 0.0 | 8.36 | 389.5 | | | | |
| 05/26/2017 | 07:58:08 | 4752 | 0.0 | 8.36 | 389.5 | Switch Out Cement Head for Swedge | | | |
| 05/26/2017 | 07:59:19 | 2306 | 0.0 | 8.36 | 389.5 | | | | |
| 05/26/2017 | 08:00:59 | 17 | 0.0 | 8.36 | 389.5 | | | | |
| 05/26/2017 | 08:02:39 | 14 | 0.0 | 8.36 | 389.5 | | | | |
| 05/26/2017 | 08:04:19 | 13 | 0.0 | 8.36 | 389.5 | | | | |
| 05/26/2017 | 08:05:59 | 13 | 0.0 | 8.36 | 389.5 | | | | |
| 05/26/2017 | 08:07:39 | 13 | 0.0 | 8.36 | 389.5 | | | | |
| 05/26/2017 | 08:09:19 | 16 | 0.0 | 8.36 | 389.5 | | | | |
| 05/26/2017 | 08:10:59 | 4132 | 3.9 | 8.35 | 394.6 | | | | |
| 05/26/2017 | 08:11:56 | 2671 | 3.9 | 8.35 | 398.4 | Open Wet Shoe Sub at 5525 psi | | | |
| 05/26/2017 | 08:12:39 | 2505 | 3.9 | 8.36 | 401.4 | | | | |
| 05/26/2017 | 08:12:51 | 2205 | 0.1 | 8.36 | 402.1 | Pump 5 bbl Through Shoe | | | |
| 05/26/2017 | 08:13:34 | 1822 | 0.0 | 8.36 | 402.2 | 2.5 bbl Back | | | |
| 05/26/2017 | 08:14:19 | 11 | 0.0 | 8.36 | 402.2 | | | | |

| | | | | |
|--|----------------------------|---------------------------------|---|---------------------------------|
| Well Butterball 9N-34HZ 0631713669 | Field Wattenberg | Job Start May/26/2017 | Customer ANADARKO PETROLEUM COMPANY | Job Number DMBW-00999 |
|--|----------------------------|---------------------------------|---|---------------------------------|

Post Job Summary

| Average Pump Rates, bbl/min | | | | | Volume of Fluid Injected, bbl | | | |
|---|--|----------------------------------|--|---|--|--|--------------------------|--|
| Slurry 6.4 | N2 | Mud | Maximum Rate 8.6 | Total Slurry 489.0 | Mud 0.0 | Spacer 80.0 | N2 | |
| Treating Pressure Summary, psi | | | | | Breakdown Fluid | | | |
| Maximum 5525 | Final 14 | Average 1114 | Bump Plug to 3000 | Breakdown | Type | Volume bbl | Density lb/gal | |
| Avg. N2 Percent % | Designed Slurry Volume 486.0 bbl | Displacement 359.0 bbl | Mix Water Temp 60 degF | Cement Circulated to Surface? <input type="checkbox"/> | Volume bbl | To ft | | |
| | | | | Washed Thru Perfs <input type="checkbox"/> | | | | |
| Customer or Authorized Representative Jeremy Skates | | | Schlumberger Supervisor Billy Barg | | Circulation Lost <input type="checkbox"/> | Job Completed <input checked="" type="checkbox"/> | | |
| | | | | | - | - | | |