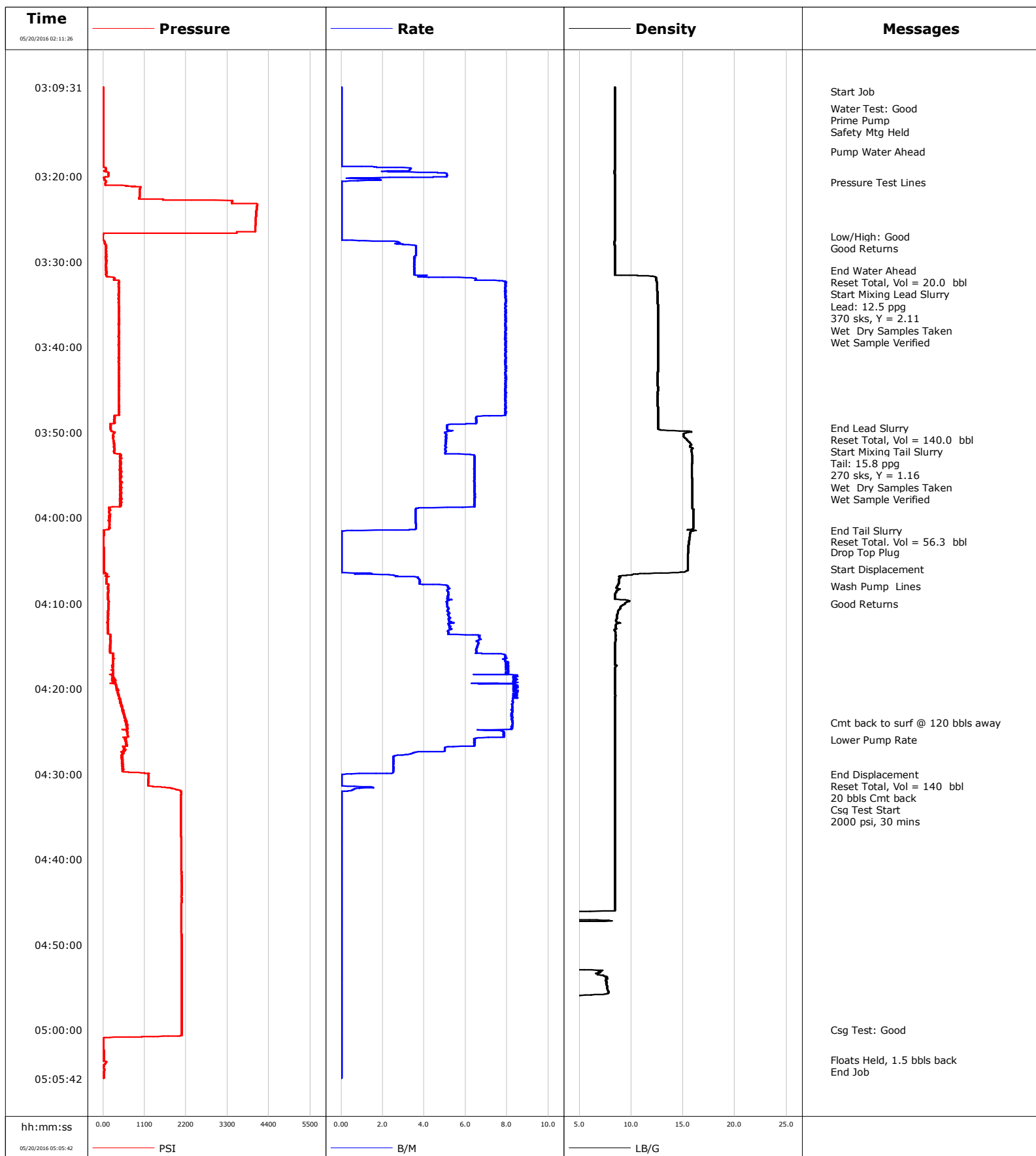


Well Land 14N-32HZ
Field Wattenberg
Engineer Matlock/Sovereign
Country United States

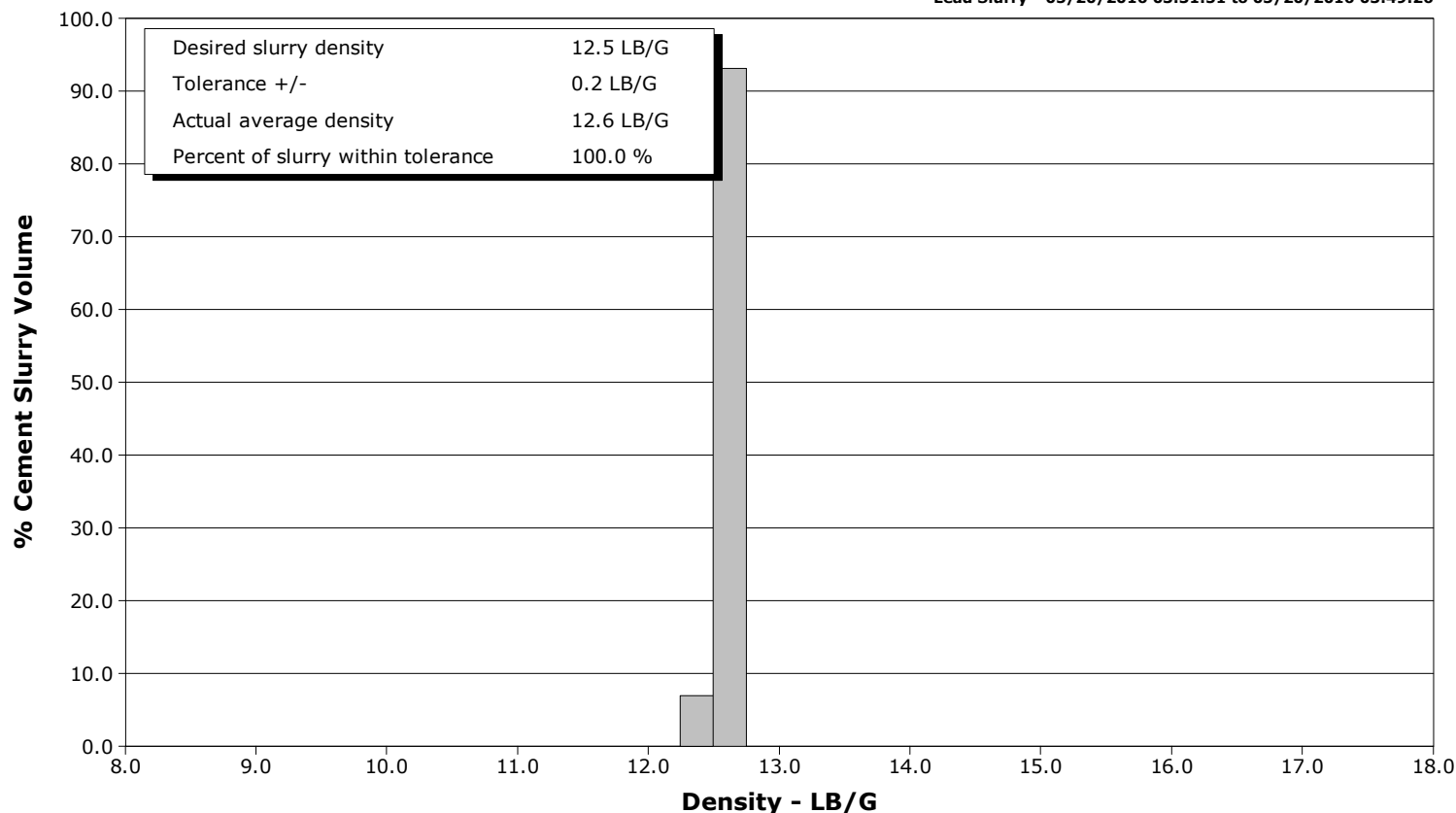
Client Anadarko
SIR No. DJT7-00191
Job Type Surface
Job Date 05-20-2016



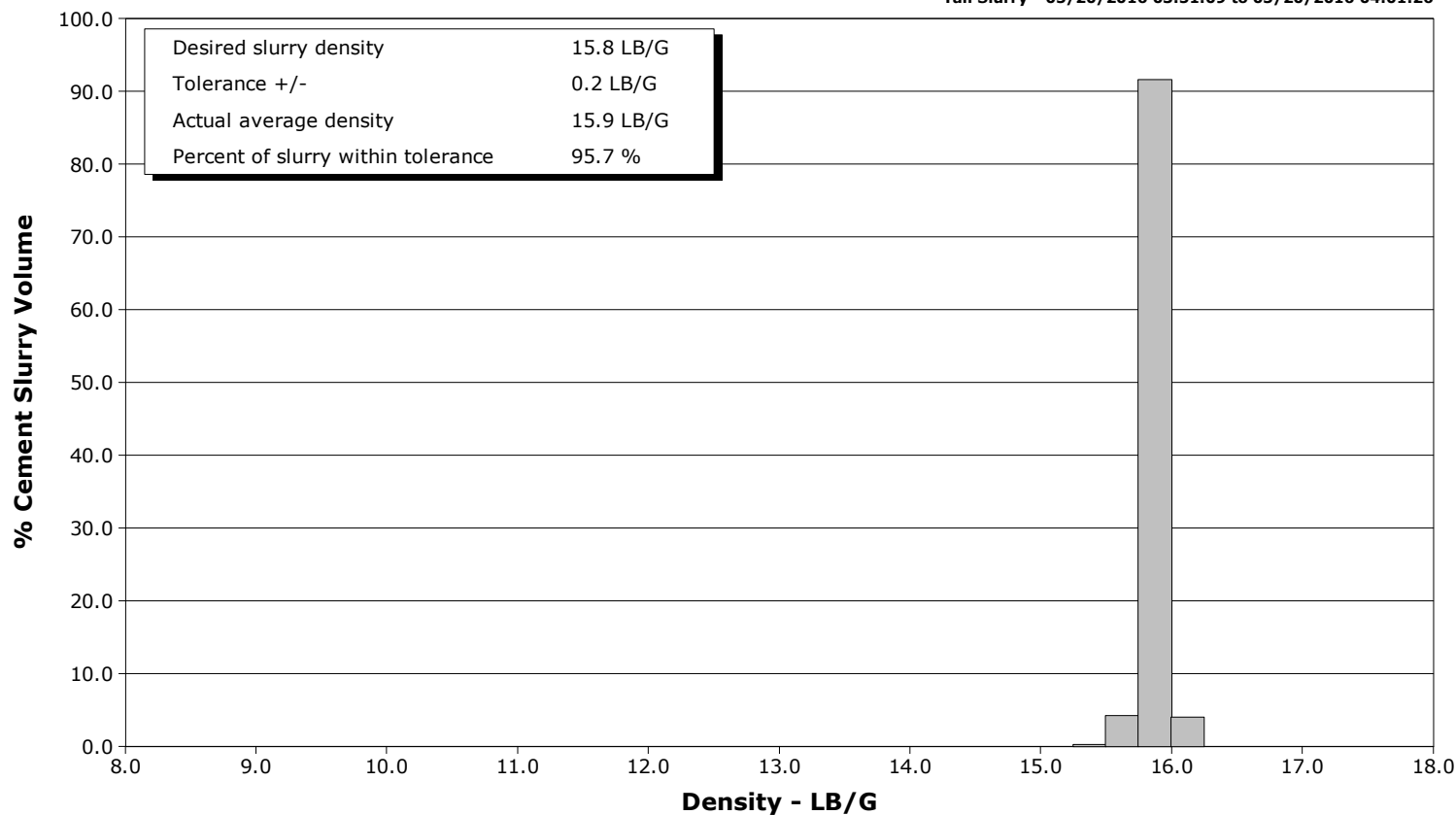
Well Land 14N-32HZ
Field Wattenberg
Engineer Matlock/Sovereign
Country United States

Client Anadarko
SIR No. DJT7-00191
Job Type Surface
Job Date 05-20-2016

Lead Slurry - 05/20/2016 03:31:51 to 05/20/2016 03:49:26



Tail Slurry - 05/20/2016 03:51:09 to 05/20/2016 04:01:26



Cementing Service Report

| | | | | | | | | | | | | |
|--|--------------------------------|--|-------------------------------------|-------------------------------------|---------------------------|-----------------------------------|---------------------------|--------------------------------|-----------------------|--|----------------------|--|
| | | | | | Customer Anadarko | | | Job Number DJT7-00191 | | | | |
| Well Land 14N-32HZ | | | Location (legal) | | | Schlumberger Location Cheyenne | | Job Start May/20/2016 | | | | |
| Field Wattenberg | | Formation Name/Type | | | Deviation deg | Bit Size 13.5 in | | Well MD 1870.0 ft | Well TVD 1870.0 ft | | | |
| County Weld | | State/Province CO | | | BHP psi | BHST 101 degF | BHCT 81 degF | Pore Press. Gradient lb/gal | | | | |
| Well Master 631662993 | | API/UWI 5123423890000 | | | | | | | | | | |
| Rig Name Precision 461 | Drilled For Oil | | Service Via Land | | Casing/ Liner | | | | | | | |
| | | | | | Depth, ft | Size, in | Weight, lb/ft | Grade | Thread | | | |
| Offshore Zone | Well Class New | | Well Type Development | | 1870.0 | 9.6 | 36.0 | P-110 | | | | |
| | | | | | 0.0 | 0.0 | 0.0 | | | | | |
| Drilling Fluid Type | | Max. Density lb/gal | Plastic Viscosity cP | | Tubing/Drill Pipe | | | | | | | |
| | | | | | T/D | Depth, ft | Size, in | Weight, lb/ft | Grade | | | |
| | | | | | | | | | | | | |
| Service Line Cementing | Job Type Surface | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Max. Allowed Tub. Press psi | Max. Allowed Ann. Press psi | | WH Connection Single Cement head | | Perforations/Open Hole | | | | | | | |
| | | | | | Top, ft | Bottom, ft | shot/ft | No. of Shots | Total Interval | | | |
| Service Instructions Cement 9 5/8" Surface casing at 1900' Top of Lead: Surface Top of Tail: 1400' | | | | | ft | ft | | | ft | | | |
| | | | | | ft | ft | | | Diameter | | | |
| | | | | | ft | ft | | | in | | | |
| | | | | | Treat Down Casing | | Displacement 140.0 bbl | | Packer Type | | Packer Depth ft | |
| | | | | | Tubing Vol. bbl | | Casing Vol. bbl | | Annular Vol. bbl | | Openhole Vol. 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 psi | | | | | Shoe Type Float | | | Squeeze Type | | | | |
| Pipe Rotated <input type="checkbox"/> | | Pipe Reciprocated <input type="checkbox"/> | | | Shoe Depth 1857.0 ft | | | Tool Type | | | | |
| No. Centralizers | | Top Plugs 1 | Bottom Plugs | | Stage Tool Type | | | Tool Depth ft | | | | |
| Cement Head Type Single | | | | | Stage Tool Depth ft | | | Tail Pipe Size in | | | | |
| Job Scheduled For May/20/2016 01:00 | | Arrived on Location May/20/2016 01:00 | | Leave Location May/20/2016 06:00 | Collar Type Float | | | Tail Pipe Depth ft | | | | |
| | | | | | Collar Depth 1811.0 ft | | | Sqz. Total Vol. bbl | | | | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Solid Fraction NULL | Message | | | | | |
| 05/20/2016 | 03:10:00 | 9 | 0.0 | 8.40 | 0.0 | 0 | Start Job | | | | | |
| 05/20/2016 | 03:10:40 | 9 | 0.0 | 8.40 | 0.0 | 0 | | | | | | |
| 05/20/2016 | 03:11:20 | 9 | 0.0 | 8.40 | 0.0 | 0 | | | | | | |
| 05/20/2016 | 03:12:00 | 9 | 0.0 | 8.40 | 0.0 | 0 | Water Test: Good | | | | | |
| 05/20/2016 | 03:12:40 | 9 | 0.0 | 8.40 | 0.0 | 0 | | | | | | |
| 05/20/2016 | 03:13:00 | 9 | 0.0 | 8.40 | 0.0 | 0 | Prime Pump | | | | | |
| 05/20/2016 | 03:13:20 | 9 | 0.0 | 8.40 | 0.0 | 0 | | | | | | |
| 05/20/2016 | 03:14:00 | 9 | 0.0 | 8.40 | 0.0 | 0 | Safety Mtg Held | | | | | |
| 05/20/2016 | 03:14:40 | 9 | 0.0 | 8.40 | 0.0 | 0 | | | | | | |
| 05/20/2016 | 03:15:20 | 9 | 0.0 | 8.40 | 0.0 | 0 | | | | | | |
| 05/20/2016 | 03:16:00 | 9 | 0.0 | 8.40 | 0.0 | 0 | | | | | | |
| 05/20/2016 | 03:16:40 | 6 | 0.0 | 8.40 | 0.0 | 0 | | | | | | |
| 05/20/2016 | 03:17:00 | 6 | 0.0 | 8.40 | 0.0 | 0 | Pump Water Ahead | | | | | |
| 05/20/2016 | 03:17:20 | 6 | 0.0 | 8.40 | 0.0 | 0 | | | | | | |
| 05/20/2016 | 03:18:00 | 5 | 0.0 | 8.40 | 0.0 | 0 | | | | | | |
| 05/20/2016 | 03:18:40 | 5 | 0.0 | 8.40 | 0.0 | 0 | | | | | | |
| 05/20/2016 | 03:19:20 | 32 | 3.3 | 8.40 | 1.5 | 0 | | | | | | |
| 05/20/2016 | 03:20:00 | 137 | 5.1 | 8.40 | 4.4 | 0 | | | | | | |
| 05/20/2016 | 03:20:39 | 66 | 0.0 | 8.40 | 5.4 | 0 | Pressure Test Lines | | | | | |
| 05/20/2016 | 03:20:40 | 66 | 0.0 | 8.40 | 5.4 | 0 | | | | | | |
| 05/20/2016 | 03:21:20 | 981 | 0.0 | 8.40 | 5.4 | 0 | | | | | | |

| Well | | | Field | | Job Start | | Customer | | Job Number | |
|---------------|------------------------|-----------------------------|---------------------|-----------------|---------------|---------------------------|------------------------------|--|------------|--|
| Land 14N-32HZ | | | Wattenberg | | May/20/2016 | | Anadarko | | DJT7-00191 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Solid Fraction NULL | Message | | | |
| 05/20/2016 | 03:22:40 | 1605 | 0.0 | 8.40 | 5.4 | 0 | | | | |
| 05/20/2016 | 03:23:20 | 4083 | 0.0 | 8.40 | 5.4 | 0 | | | | |
| 05/20/2016 | 03:24:00 | 4065 | 0.0 | 8.40 | 5.4 | 0 | | | | |
| 05/20/2016 | 03:24:40 | 4053 | 0.0 | 8.40 | 5.4 | 0 | | | | |
| 05/20/2016 | 03:25:20 | 4044 | 0.0 | 8.40 | 5.4 | 0 | | | | |
| 05/20/2016 | 03:26:00 | 4036 | 0.0 | 8.40 | 5.4 | 0 | | | | |
| 05/20/2016 | 03:26:40 | 15 | 0.0 | 8.40 | 5.4 | 0 | | | | |
| 05/20/2016 | 03:27:00 | -6 | 0.0 | 8.40 | 5.4 | 0 | Low/High: Good | | | |
| 05/20/2016 | 03:27:20 | -3 | 0.0 | 8.40 | 5.4 | 0 | | | | |
| 05/20/2016 | 03:28:00 | 64 | 3.3 | 8.40 | 6.7 | 0 | Good Returns | | | |
| 05/20/2016 | 03:28:40 | 73 | 3.6 | 8.40 | 9.1 | 0 | | | | |
| 05/20/2016 | 03:29:20 | 90 | 3.5 | 8.40 | 11.5 | 0 | | | | |
| 05/20/2016 | 03:30:00 | 83 | 3.5 | 8.40 | 13.9 | 0 | | | | |
| 05/20/2016 | 03:30:40 | 69 | 3.5 | 8.40 | 16.2 | 0 | | | | |
| 05/20/2016 | 03:31:00 | 70 | 3.5 | 8.40 | 17.4 | 0 | End Water Ahead | | | |
| 05/20/2016 | 03:31:01 | 68 | 3.5 | 8.40 | 17.5 | 0 | Reset Total, Vol = 20.0 bbl | | | |
| 05/20/2016 | 03:31:20 | 92 | 3.5 | 8.40 | 18.6 | 0 | | | | |
| 05/20/2016 | 03:31:51 | 291 | 6.0 | 12.41 | 20.6 | 8 | Start Mixing Lead Slurry | | | |
| 05/20/2016 | 03:32:00 | 299 | 6.5 | 12.41 | 21.5 | 9 | | | | |
| 05/20/2016 | 03:32:40 | 419 | 7.9 | 12.49 | 26.6 | 12 | | | | |
| 05/20/2016 | 03:33:20 | 420 | 7.9 | 12.51 | 31.8 | 15 | | | | |
| 05/20/2016 | 03:34:00 | 415 | 7.9 | 12.53 | 37.1 | 18 | | | | |
| 05/20/2016 | 03:34:40 | 419 | 7.9 | 12.55 | 2.4 | 20 | | | | |
| 05/20/2016 | 03:35:15 | 410 | 7.9 | 12.57 | 7.0 | 21 | Lead: 12.5 ppg | | | |
| 05/20/2016 | 03:35:20 | 428 | 7.9 | 12.57 | 7.7 | 21 | | | | |
| 05/20/2016 | 03:35:26 | 418 | 7.9 | 12.57 | 8.5 | 22 | 370 sks, Y = 2.11 | | | |
| 05/20/2016 | 03:35:27 | 409 | 7.9 | 12.57 | 8.6 | 22 | Wet Dry Samples Taken | | | |
| 05/20/2016 | 03:36:00 | 413 | 7.9 | 12.57 | 12.9 | 23 | Wet Sample Verified | | | |
| 05/20/2016 | 03:36:40 | 425 | 7.9 | 12.58 | 18.2 | 24 | | | | |
| 05/20/2016 | 03:37:20 | 429 | 7.9 | 12.57 | 23.5 | 24 | | | | |
| 05/20/2016 | 03:38:00 | 414 | 7.9 | 12.58 | 28.8 | 24 | | | | |
| 05/20/2016 | 03:38:40 | 418 | 7.9 | 12.57 | 34.1 | 24 | | | | |
| 05/20/2016 | 03:39:20 | 424 | 7.9 | 12.57 | 39.4 | 24 | | | | |
| 05/20/2016 | 03:40:00 | 422 | 7.9 | 12.57 | 44.6 | 24 | | | | |
| 05/20/2016 | 03:40:40 | 417 | 7.9 | 12.56 | 49.9 | 24 | | | | |
| 05/20/2016 | 03:41:20 | 415 | 7.9 | 12.56 | 55.2 | 24 | | | | |
| 05/20/2016 | 03:42:00 | 421 | 7.9 | 12.56 | 60.5 | 24 | | | | |
| 05/20/2016 | 03:42:40 | 422 | 7.9 | 12.56 | 65.8 | 25 | | | | |
| 05/20/2016 | 03:43:20 | 410 | 7.9 | 12.56 | 71.0 | 25 | | | | |
| 05/20/2016 | 03:44:00 | 418 | 7.9 | 12.55 | 76.3 | 25 | | | | |
| 05/20/2016 | 03:44:40 | 421 | 7.9 | 12.56 | 81.6 | 25 | | | | |
| 05/20/2016 | 03:45:20 | 422 | 7.9 | 12.56 | 86.9 | 25 | | | | |
| 05/20/2016 | 03:46:00 | 422 | 7.9 | 12.56 | 92.2 | 25 | | | | |
| 05/20/2016 | 03:46:40 | 421 | 7.9 | 12.55 | 97.4 | 24 | | | | |
| 05/20/2016 | 03:47:20 | 408 | 7.9 | 12.58 | 102.7 | 25 | | | | |
| 05/20/2016 | 03:48:00 | 306 | 7.9 | 12.60 | 108.0 | 0 | | | | |
| 05/20/2016 | 03:48:40 | 296 | 6.5 | 12.60 | 112.4 | 0 | | | | |
| 05/20/2016 | 03:49:20 | 209 | 5.1 | 12.59 | 116.3 | 0 | | | | |
| 05/20/2016 | 03:49:26 | 199 | 5.1 | 12.59 | 116.8 | 0 | End Lead Slurry | | | |
| 05/20/2016 | 03:50:00 | 310 | 5.0 | 15.51 | 119.7 | 4 | | | | |
| 05/20/2016 | 03:50:03 | 310 | 5.0 | 15.29 | 120.0 | 4 | Reset Total, Vol = 140.0 bbl | | | |
| 05/20/2016 | 03:50:40 | 285 | 5.0 | 15.21 | 123.1 | 20 | | | | |
| 05/20/2016 | 03:51:09 | 277 | 5.0 | 15.60 | 125.5 | 27 | Start Mixing Tail Slurry | | | |
| 05/20/2016 | 03:51:20 | 287 | 5.0 | 15.73 | 0.6 | 29 | | | | |

| Well | | | Field | | Job Start | | Customer | | Job Number | |
|---------------|------------------------|-----------------------------|---------------------|-----------------|---------------|---------------------------|----------------------------------|--|------------|--|
| Land 14N-32HZ | | | Wattenberg | | May/20/2016 | | Anadarko | | DJT7-00191 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Solid Fraction NULL | Message | | | |
| 05/20/2016 | 03:52:40 | 469 | 6.4 | 15.86 | 7.5 | 30 | | | | |
| 05/20/2016 | 03:53:00 | 452 | 6.4 | 15.87 | 9.6 | 31 | 270 sks, Y = 1.16 | | | |
| 05/20/2016 | 03:53:20 | 457 | 6.4 | 15.87 | 11.7 | 32 | | | | |
| 05/20/2016 | 03:54:00 | 469 | 6.4 | 15.85 | 16.0 | 35 | Wet Dry Samples Taken | | | |
| 05/20/2016 | 03:54:40 | 454 | 6.4 | 15.84 | 20.3 | 37 | | | | |
| 05/20/2016 | 03:55:00 | 442 | 6.4 | 15.85 | 22.5 | 38 | Wet Sample Verified | | | |
| 05/20/2016 | 03:55:20 | 461 | 6.4 | 15.86 | 24.6 | 38 | | | | |
| 05/20/2016 | 03:56:00 | 474 | 6.4 | 15.88 | 28.9 | 40 | | | | |
| 05/20/2016 | 03:56:40 | 440 | 6.4 | 15.88 | 33.2 | 40 | | | | |
| 05/20/2016 | 03:57:20 | 458 | 6.4 | 15.87 | 37.4 | 40 | | | | |
| 05/20/2016 | 03:58:40 | 444 | 6.4 | 15.87 | 46.0 | 37 | | | | |
| 05/20/2016 | 03:59:20 | 183 | 3.6 | 15.98 | 48.7 | 9 | | | | |
| 05/20/2016 | 04:00:00 | 148 | 3.6 | 16.00 | 51.1 | 29 | | | | |
| 05/20/2016 | 04:00:40 | 182 | 3.6 | 15.97 | 53.5 | 44 | | | | |
| 05/20/2016 | 04:01:20 | 168 | 3.6 | 15.87 | 55.9 | 44 | | | | |
| 05/20/2016 | 04:01:26 | 9 | 2.6 | 15.58 | 56.2 | 44 | End Tail Slurry | | | |
| 05/20/2016 | 04:01:27 | 14 | 1.7 | 15.96 | 56.3 | 0 | Reset Total, Vol = 56.3 bbl | | | |
| 05/20/2016 | 04:02:00 | 13 | 0.0 | 15.66 | 56.3 | 0 | | | | |
| 05/20/2016 | 04:02:40 | 13 | 0.0 | 15.58 | 56.3 | 0 | | | | |
| 05/20/2016 | 04:03:20 | 13 | 0.0 | 15.52 | 56.3 | 0 | | | | |
| 05/20/2016 | 04:04:00 | 17 | 0.0 | 15.49 | 56.3 | 0 | Drop Top Plug | | | |
| 05/20/2016 | 04:04:40 | 18 | 0.0 | 15.47 | 56.3 | 0 | | | | |
| 05/20/2016 | 04:05:20 | 19 | 0.0 | 15.46 | 56.3 | 0 | | | | |
| 05/20/2016 | 04:06:00 | 14 | 0.0 | 15.45 | 0.0 | 0 | Start Displacement | | | |
| 05/20/2016 | 04:06:40 | 100 | 2.3 | 10.11 | 0.3 | 24 | | | | |
| 05/20/2016 | 04:07:20 | 84 | 3.8 | 8.82 | 2.5 | 24 | | | | |
| 05/20/2016 | 04:08:00 | 142 | 5.1 | 8.64 | 5.3 | 24 | Wash Pump Lines | | | |
| 05/20/2016 | 04:08:40 | 133 | 5.1 | 8.55 | 8.7 | 24 | | | | |
| 05/20/2016 | 04:09:20 | 129 | 5.1 | 8.41 | 12.1 | 24 | | | | |
| 05/20/2016 | 04:10:00 | 148 | 5.1 | 9.40 | 15.6 | 0 | Good Returns | | | |
| 05/20/2016 | 04:10:40 | 141 | 5.2 | 8.94 | 19.0 | 6 | | | | |
| 05/20/2016 | 04:11:20 | 133 | 5.1 | 8.64 | 22.4 | 20 | | | | |
| 05/20/2016 | 04:12:00 | 131 | 5.2 | 8.54 | 25.9 | 23 | | | | |
| 05/20/2016 | 04:12:40 | 130 | 5.2 | 8.50 | 29.4 | 0 | | | | |
| 05/20/2016 | 04:13:20 | 130 | 5.2 | 8.45 | 32.9 | 0 | | | | |
| 05/20/2016 | 04:14:00 | 193 | 6.7 | 8.46 | 36.7 | 23 | | | | |
| 05/20/2016 | 04:14:40 | 191 | 6.6 | 8.42 | 41.2 | 17 | | | | |
| 05/20/2016 | 04:15:20 | 191 | 6.5 | 8.40 | 45.5 | 24 | | | | |
| 05/20/2016 | 04:16:00 | 275 | 7.8 | 8.40 | 50.0 | 0 | | | | |
| 05/20/2016 | 04:16:40 | 262 | 7.9 | 8.40 | 55.3 | 0 | | | | |
| 05/20/2016 | 04:17:20 | 235 | 8.0 | 8.58 | 60.6 | 0 | | | | |
| 05/20/2016 | 04:18:00 | 266 | 8.0 | 8.42 | 65.9 | 0 | | | | |
| 05/20/2016 | 04:18:40 | 256 | 8.3 | 8.41 | 71.3 | 0 | | | | |
| 05/20/2016 | 04:19:20 | 343 | 8.4 | 8.41 | 76.9 | 0 | | | | |
| 05/20/2016 | 04:20:00 | 346 | 8.3 | 8.41 | 82.4 | 0 | | | | |
| 05/20/2016 | 04:20:40 | 405 | 8.4 | 8.41 | 88.0 | 0 | | | | |
| 05/20/2016 | 04:21:20 | 452 | 8.3 | 8.40 | 93.6 | 0 | | | | |
| 05/20/2016 | 04:22:00 | 493 | 8.3 | 8.41 | 99.1 | 0 | | | | |
| 05/20/2016 | 04:22:40 | 538 | 8.2 | 8.41 | 104.6 | 0 | | | | |
| 05/20/2016 | 04:23:20 | 597 | 8.2 | 8.41 | 110.1 | 0 | | | | |
| 05/20/2016 | 04:24:00 | 605 | 8.2 | 8.41 | 115.6 | 0 | Cmt back to surf @ 120 bbls away | | | |
| 05/20/2016 | 04:24:40 | 658 | 8.2 | 8.41 | 121.1 | 0 | | | | |
| 05/20/2016 | 04:25:20 | 654 | 7.9 | 8.41 | 126.3 | 0 | | | | |
| 05/20/2016 | 04:26:00 | 594 | 6.4 | 8.41 | 131.1 | 0 | Lower Pump Rate | | | |

| Well | | | Field | | Job Start | | Customer | | Job Number |
|---------------|------------------------|-----------------------------|---------------------|-----------------|---------------|---------------------------|----------------------------|--|------------|
| Land 14N-32HZ | | | Wattenberg | | May/20/2016 | | Anadarko | | DJT7-00191 |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Solid Fraction NULL | Message | | |
| 05/20/2016 | 04:27:20 | 572 | 5.0 | 8.41 | 138.9 | 0 | | | |
| 05/20/2016 | 04:28:00 | 495 | 2.5 | 8.41 | 141.2 | 0 | | | |
| 05/20/2016 | 04:28:40 | 490 | 2.5 | 8.41 | 142.8 | 0 | | | |
| 05/20/2016 | 04:29:20 | 538 | 2.5 | 8.41 | 144.5 | 0 | | | |
| 05/20/2016 | 04:30:00 | 1206 | 0.5 | 8.41 | 146.1 | 0 | End Displacement | | |
| 05/20/2016 | 04:30:05 | 1201 | 0.0 | 8.41 | 146.1 | 0 | Reset Total, Vol = 140 bbl | | |
| 05/20/2016 | 04:30:10 | 1204 | 0.0 | 8.41 | 146.1 | 0 | 20 bbls Cmt back | | |
| 05/20/2016 | 04:30:40 | 1199 | 0.0 | 8.41 | 146.1 | 0 | | | |
| 05/20/2016 | 04:31:00 | 1197 | 0.0 | 8.41 | 146.1 | 0 | Csg Test Start | | |
| 05/20/2016 | 04:31:20 | 1196 | 0.0 | 8.41 | 146.1 | 0 | | | |
| 05/20/2016 | 04:32:00 | 2060 | 0.4 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:32:40 | 2066 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:33:00 | 2065 | 0.0 | 8.41 | 146.6 | 0 | 2000 psi, 30 mins | | |
| 05/20/2016 | 04:33:20 | 2064 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:34:00 | 2063 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:34:40 | 2064 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:35:20 | 2064 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:36:00 | 2064 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:36:40 | 2065 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:37:20 | 2066 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:38:00 | 2067 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:38:40 | 2068 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:39:20 | 2068 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:40:00 | 2069 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:40:40 | 2069 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:41:20 | 2071 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:42:00 | 2084 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:42:40 | 2080 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:43:20 | 2082 | 0.0 | 8.40 | 146.6 | 0 | | | |
| 05/20/2016 | 04:44:00 | 2084 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:44:40 | 2085 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:45:20 | 2075 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:46:00 | 2076 | 0.0 | 8.41 | 146.6 | 0 | | | |
| 05/20/2016 | 04:46:40 | 2077 | 0.0 | 0.01 | 146.6 | 0 | | | |
| 05/20/2016 | 04:47:20 | 2077 | 0.0 | 3.06 | 146.6 | 0 | | | |
| 05/20/2016 | 04:48:00 | 2078 | 0.0 | 0.01 | 146.6 | 0 | | | |
| 05/20/2016 | 04:48:40 | 2079 | 0.0 | 0.01 | 146.6 | 0 | | | |
| 05/20/2016 | 04:49:20 | 2079 | 0.0 | 0.01 | 146.6 | 0 | | | |
| 05/20/2016 | 04:50:00 | 2080 | 0.0 | 0.01 | 146.6 | 0 | | | |
| 05/20/2016 | 04:50:40 | 2081 | 0.0 | 0.01 | 146.6 | 0 | | | |
| 05/20/2016 | 04:51:20 | 2082 | 0.0 | 0.01 | 146.6 | 0 | | | |
| 05/20/2016 | 04:52:00 | 2082 | 0.0 | 0.01 | 146.6 | 0 | | | |
| 05/20/2016 | 04:52:40 | 2083 | 0.0 | 0.43 | 146.6 | 0 | | | |
| 05/20/2016 | 04:53:20 | 2084 | 0.0 | 6.87 | 146.6 | 0 | | | |
| 05/20/2016 | 04:54:00 | 2084 | 0.0 | 7.72 | 146.6 | 0 | | | |
| 05/20/2016 | 04:54:40 | 2085 | 0.0 | 7.63 | 146.6 | 0 | | | |
| 05/20/2016 | 04:55:20 | 2086 | 0.0 | 7.71 | 146.6 | 0 | | | |
| 05/20/2016 | 04:56:00 | 2087 | 0.0 | 3.91 | 146.6 | 0 | | | |
| 05/20/2016 | 04:56:40 | 2087 | 0.0 | 0.01 | 146.6 | 0 | | | |
| 05/20/2016 | 04:57:20 | 2088 | 0.0 | 0.01 | 146.6 | 0 | | | |
| 05/20/2016 | 04:58:00 | 2089 | 0.0 | 0.01 | 146.6 | 0 | | | |
| 05/20/2016 | 04:58:40 | 2089 | 0.0 | 0.01 | 146.6 | 0 | | | |
| 05/20/2016 | 04:59:20 | 2091 | 0.0 | 0.01 | 146.6 | 0 | | | |
| 05/20/2016 | 05:00:00 | 2091 | 0.0 | 0.01 | 146.6 | 0 | Csg Test: Good | | |

| Well | | | Field | | Job Start | Customer | | Job Number |
|---------------|------------------------|-----------------------------|---------------------|-----------------|---------------|---------------------------|----------------------------|------------|
| Land 14N-32HZ | | | Wattenberg | | May/20/2016 | Anadarko | | DJT7-00191 |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Solid Fraction NULL | Message | |
| 05/20/2016 | 05:01:20 | 8 | 0.0 | 0.01 | 146.6 | 0 | | |
| 05/20/2016 | 05:02:00 | 12 | 0.0 | 0.01 | 146.6 | 0 | | |
| 05/20/2016 | 05:02:40 | 14 | 0.0 | 0.01 | 146.6 | 0 | | |
| 05/20/2016 | 05:03:20 | 18 | 0.0 | 0.01 | 146.6 | 0 | | |
| 05/20/2016 | 05:03:32 | 16 | 0.0 | 0.01 | 146.6 | 0 | Floats Held, 1.5 bbls back | |
| 05/20/2016 | 05:03:59 | 59 | 0.0 | 0.01 | 146.6 | 0 | End Job | |
| 05/20/2016 | 05:04:00 | 56 | 0.0 | 0.01 | 146.6 | 0 | | |
| 05/20/2016 | 05:04:40 | 35 | 0.0 | 0.01 | 146.6 | 0 | | |

Post Job Summary

| Average Pump Rates, bbl/min | | | | | Volume of Fluid Injected, bbl | | | | | |
|--|-------------------------------------|---------|--|---------------------------|---|--|---|----|--|--|
| Slurry | N2 | Mud | Maximum Rate | | Total Slurry 196.0 | Mud | Spacer 20.0 | N2 | | |
| Treating Pressure Summary, psi | | | | | Breakdown Fluid | | | | | |
| Maximum | Final 0 | Average | Bump Plug to | Breakdown | Type | Volume bbl | Density lb/gal | | | |
| Avg. N2 Percent % | Designed Slurry Volume 196.0 bbl | | Displacement 140.0 bbl | Mix Water Temp 70 degF | Cement Circulated to Surface? <input checked="" type="checkbox"/> | | Volume 20.0 bbl | | | |
| Customer or Authorized Representative James Gober | | | Schlumberger Supervisor Matlock/Sovereign | | | Washed Thru Perfs <input type="checkbox"/> | To ft | | | |
| | | | | | | Circulation Lost <input type="checkbox"/> | Job Completed <input checked="" type="checkbox"/> | | | |
| | | | | | | - | - | | | |