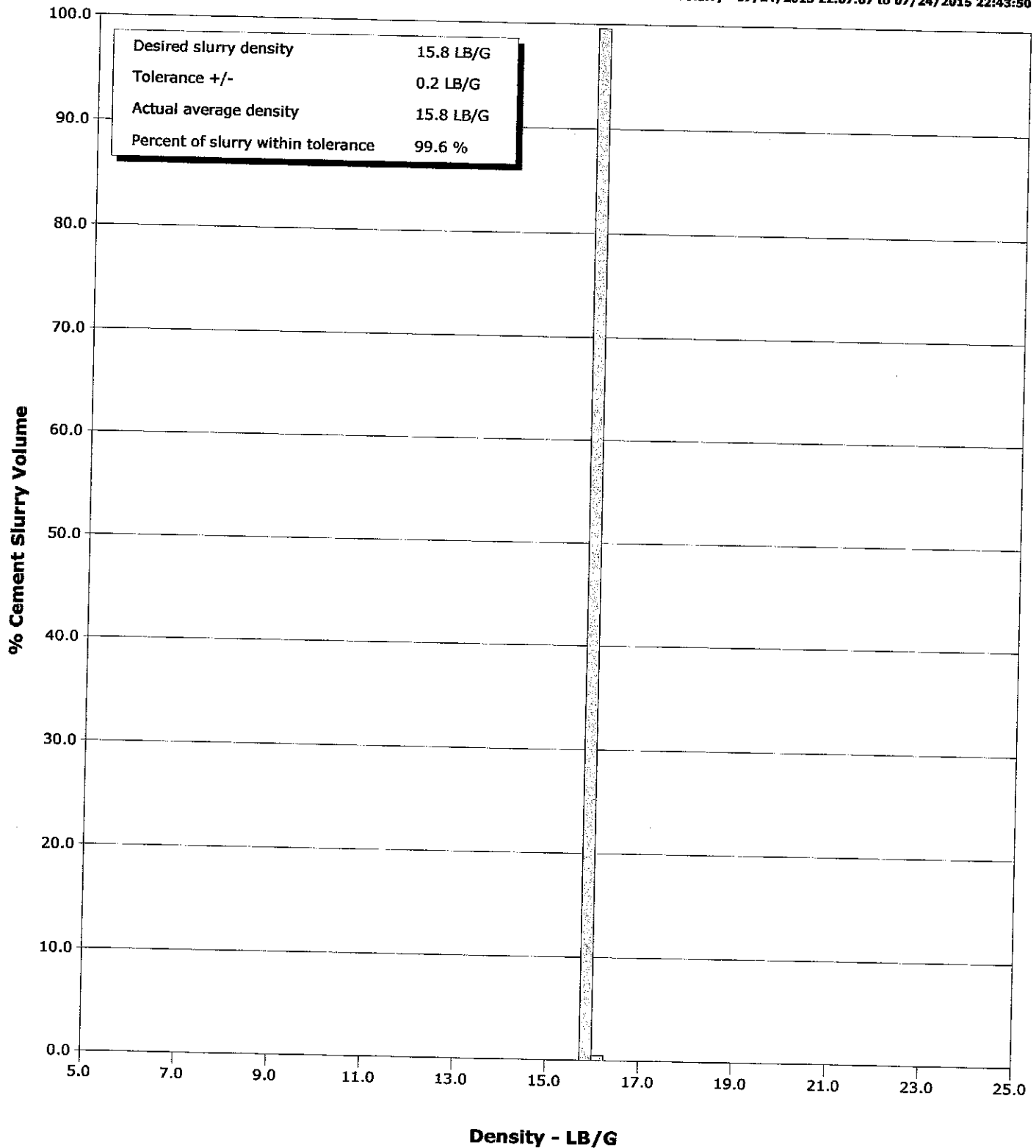


| | | | | | | | | | |
|--------------------------------------|--|--|--|---|--|---|--|----------|--|
| Well Field Engineer Country | | Trought 1 Old 10 Wayne Silvester/Greg Black United States | | Client SIR No. Job Type Job Date | | Extraction DAXH-00277 Surface 07-24-2015 | | | |
| Time | | Pressure | | Rate | | Density | | Messages | |
| 07/24/2015 21:21:33 | | | | | | | | | |
| 21:21:33 | | | | | | | | | |
| 21:32:00 | | | | | | | | | |
| 21:42:00 | | | | | | | | | |
| 21:52:00 | | | | | | | | | |
| 22:02:00 | | | | | | | | | |
| 22:12:00 | | | | | | | | | |
| 22:22:00 | | | | | | | | | |
| 22:32:00 | | | | | | | | | |
| 22:42:00 | | | | | | | | | |
| 22:52:00 | | | | | | | | | |
| 23:02:00 | | | | | | | | | |
| 23:12:00 | | | | | | | | | |
| 23:25:07 | | | | | | | | | |
| hh:mm:ss | | 0.00 2000 4000 5999 7999 9999 | | 0.00 2.0 4.0 6.0 8.0 10.0 | | 5.0 10.0 15.0 20.0 25.0 | | | |
| 07/24/2015 23:25:07 | | PSI | | B/M | | LB/G | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | |
|-----------------|----------------------------|-----------------|------------|
| Well | Troutt 1 | Client | Extraction |
| Field | Old 10 | SIR No. | DAXH-00277 |
| Engineer | Wayne Silvester/Greg Black | Job Type | Surface |
| Country | United States | Job Date | 07-24-2015 |

Cement Slurry - 07/24/2015 22:07:07 to 07/24/2015 22:43:50



| | | | | | | | |
|-------------------------------------|------------------|--|--------------|------------------------|----------------|------------------------------|--|
| Customer | | | | Extraction | | Job Number | |
| DAXH-00277 | | | | | | | |
| Well | | Location (legal) | | Schlumberger Location | | Job Start | |
| Troudtt 1 Troudtt 6 | | 217304 | | Cheyenne | | Jul/24/2015 | |
| Field | | Formation Name/Type | | Deviation | | Well TVD | |
| Old 10 | | Shale | | deg | | 1532.0 ft | |
| County | | State/Province | | Bit Size | | Well MD | |
| Weld | | Colorado | | 13.5 in | | ft | |
| Well Master | | API/UWI | | BHP | | BHST | |
| 0631646503 | | | | 613 psi | | degF | |
| Rig Name | | Drilled For | | BHCT | | Pore Press. Gradient | |
| WM 344 | | Oil & Gas | | degF | | lb/gal | |
| Service Via | | Well Type | | Casing/Liner | | | |
| Land | | Other | | | | | |
| Offshore Zone | | Well Class | | Depth, ft | | | |
| | | New | | 1532.0 | | | |
| | | | | Size, in | | | |
| | | | | 9.6 | | | |
| | | | | Weight, lb/ft | | | |
| | | | | 36.0 | | | |
| | | | | Grade | | | |
| | | | | J55 | | | |
| | | | | Thread | | | |
| | | | | 8RD | | | |
| Drilling Fluid Type | | Max. Density | | Tubing/Drill Pipe | | | |
| Bentonite | | 8.40 lb/gal | | | | | |
| Plastic Viscosity | | cP | | T/D | | | |
| | | | | Depth, ft | | | |
| | | | | Size, in | | | |
| | | | | Weight, lb/ft | | | |
| | | | | Grade | | | |
| | | | | Thread | | | |
| Service Line | | Job Type | | | | | |
| Cementing | | Surface | | | | | |
| Max. Allowed Tub. Press | | Max. Allowed Ann. Press | | Perforations/Open Hole | | | |
| psi | | psi | | Top, ft | | | |
| | | | | Bottom, ft | | | |
| | | | | shot/ft | | | |
| | | | | No. of Shots | | | |
| | | | | Total Interval | | | |
| | | | | ft | | | |
| | | | | Diameter | | | |
| | | | | in | | | |
| Service Instructions | | WH Connection | | Treat Down | | | |
| | | 9 5/8 | | Displacement | | | |
| | | | | 115.0 bbl | | | |
| | | | | Packer Type | | | |
| | | | | Packer Depth | | | |
| | | | | ft | | | |
| | | | | Tubing Vol. | | | |
| | | | | Casing Vol. | | | |
| | | | | Annular Vol. | | | |
| | | | | Openhole Vol. | | | |
| | | | | bbl | | | |
| | | | | 118.0 bbl | | | |
| | | | | 4.0 bbl | | | |
| | | | | 130.0 bbl | | | |
| Casing/Tubing Secured | | 1 Hole Vol. Circulated prior to Cement | | Casing Tools | | | |
| <input checked="" type="checkbox"/> | | <input checked="" type="checkbox"/> | | Squeeze Job | | | |
| Lift Pressure | | psi | | Shoe Type | | | |
| | | | | Float | | | |
| Pipe Rotated | | Pipe Reciprocated | | Shoe Depth | | | |
| <input type="checkbox"/> | | <input type="checkbox"/> | | 1532.0 ft | | | |
| No. Centralizers | | Top Plugs | | Stage Tool Type | | | |
| | | 1 | | Bottom Plugs | | | |
| Cement Head Type | | Single | | Stage Tool Depth | | | |
| | | | | ft | | | |
| Job Scheduled For | | Arrived on Location | | Collar Type | | | |
| Jul/24/2015 | | Jul/24/2015 | | Float | | | |
| | | | | Collar Depth | | | |
| | | | | 1488.5 ft | | | |
| | | | | Sqz. Total Vol. | | | |
| | | | | bbl | | | |
| Date | Time 24-hr clock | Flow Rate B/M | Density LB/G | Volume BBL | CPF1_PRESS PSI | Message | |
| 07/24/2015 | 21:21:33 | 0.0 | 8.34 | 0.0 | 4 | Started Acquisition | |
| 07/24/2015 | 21:21:43 | 0.0 | 8.34 | 0.0 | 4 | Water Test Complete | |
| 07/24/2015 | 21:26:34 | 0.0 | 8.34 | 0.0 | 4 | | |
| 07/24/2015 | 21:31:35 | 0.0 | 8.34 | 0.0 | 3 | | |
| 07/24/2015 | 21:36:36 | 0.0 | 8.34 | 0.0 | 3 | | |
| 07/24/2015 | 21:40:20 | 0.0 | 8.32 | 0.0 | 0 | Start Job | |
| 07/24/2015 | 21:41:37 | 3.3 | 8.32 | 2.1 | 62 | | |
| 07/24/2015 | 21:41:40 | 3.3 | 8.32 | 2.2 | 62 | Start Pumping Spacer | |
| 07/24/2015 | 21:43:37 | 0.0 | 8.32 | 4.8 | 3095 | Pressure Test Lines (Low) | |
| 07/24/2015 | 21:45:46 | 0.0 | 8.32 | 4.8 | 4718 | Pressure Test Lines (High) | |
| 07/24/2015 | 21:46:38 | 0.0 | 8.32 | 4.8 | 4708 | | |
| 07/24/2015 | 21:51:39 | 3.3 | 8.33 | 9.3 | 76 | | |
| 07/24/2015 | 21:59:43 | 0.0 | 8.33 | 0.0 | 22 | End Spacer | |
| 07/24/2015 | 21:59:44 | 0.0 | 8.33 | 0.0 | 22 | Reset Total, Vol = 20.26 bbl | |
| 07/24/2015 | 22:01:41 | 0.0 | 8.33 | 0.0 | 27 | | |
| 07/24/2015 | 22:06:42 | 4.0 | 15.84 | 14.7 | 144 | | |
| 07/24/2015 | 22:07:07 | 4.0 | 15.84 | 16.4 | 150 | Start Cement Slurry | |
| 07/24/2015 | 22:07:32 | 4.0 | 15.83 | 18.1 | 144 | Wet Dry Samples Taken | |
| 07/24/2015 | 22:11:43 | 4.0 | 15.85 | 35.0 | 149 | | |
| 07/24/2015 | 22:16:39 | 4.0 | 15.77 | 54.8 | 145 | Good Returns | |
| 07/24/2015 | 22:16:44 | 4.0 | 15.80 | 55.2 | 140 | | |

| Well | | | Field | | Job Start | | Customer | | Job Number | |
|-----------------|------------------|---------------|--------------|------------|----------------|----------------------------------|------------|--|------------|--|
| Troud 1 Troud 6 | | | Old 10 | | Jul/24/2015 | | Extraction | | DAXH-00277 | |
| Date | Time 24-hr clock | Flow Rate B/M | Density LB/G | Volume BBL | CPF1_PRESS PSI | Message | | | | |
| 07/24/2015 | 22:23:25 | 4.0 | 15.86 | 82.0 | 143 | Good Returns | | | | |
| 07/24/2015 | 22:26:46 | 4.0 | 15.85 | 95.4 | 147 | | | | | |
| 07/24/2015 | 22:31:47 | 4.0 | 15.85 | 115.6 | 151 | | | | | |
| 07/24/2015 | 22:36:48 | 3.9 | 15.87 | 135.3 | 149 | | | | | |
| 07/24/2015 | 22:40:20 | 3.9 | 15.84 | 149.1 | 145 | Good Returns | | | | |
| 07/24/2015 | 22:41:49 | 3.9 | 15.81 | 155.0 | 127 | | | | | |
| 07/24/2015 | 22:43:50 | 4.0 | 15.86 | 163.0 | 140 | End Cement Slurry | | | | |
| 07/24/2015 | 22:45:51 | 0.7 | 14.44 | 171.0 | -6 | Reset Total, Vol = 170.88 bbl | | | | |
| 07/24/2015 | 22:46:18 | 0.0 | 14.41 | 171.0 | -8 | Drop Top Plug | | | | |
| 07/24/2015 | 22:46:19 | 0.0 | 14.41 | 171.0 | -8 | Start Displacement | | | | |
| 07/24/2015 | 22:46:50 | 0.0 | 12.59 | 171.0 | -7 | | | | | |
| 07/24/2015 | 22:47:12 | 0.0 | 10.76 | 171.1 | -7 | Good Returns | | | | |
| 07/24/2015 | 22:48:22 | 0.0 | 9.53 | 0.0 | 15 | Cement to Surface @ 80 bbls Away | | | | |
| 07/24/2015 | 23:22:25 | 0.0 | 8.33 | 0.0 | 1266 | Started Acquisition | | | | |
| 07/24/2015 | 23:22:26 | 0.0 | 8.33 | 0.0 | 1266 | End Displacement | | | | |
| 07/24/2015 | 23:22:34 | 0.0 | 8.33 | 0.0 | 455 | Computer Shut Down | | | | |
| 07/24/2015 | 23:23:10 | 0.0 | 8.33 | 0.0 | 3 | Check Float 1/2bbls Back | | | | |
| 07/24/2015 | 23:25:06 | 0.5 | 8.33 | 0.0 | 5 | End Job | | | | |

Post Job Summary

| Average Pump Rates, bbl/min | | | | Volume of Fluid Injected, bbl | | | |
|---------------------------------------|------------------------|----------------------------|----------------|-------------------------------------|----------|-------------------------------------|----|
| Slurry | N2 | Mud | Maximum Rate | Total Slurry | Mud | Spacer | N2 |
| 3.7 | | | 0.8 | 170.2 | 0.0 | 20.3 | |
| Treating Pressure Summary, psi | | | | Breakdown Fluid | | | |
| Maximum | Final | Average | Bump Plug to | Type | Volume | Density | |
| 1267 | 7 | 367 | 1100 | | bbl | lb/gal | |
| Avg. N2 Percent % | Designed Slurry Volume | Displacement | Mix Water Temp | Cement Circulated to Surface? | Volume | | |
| | 169.0 bbl | 0.0 bbl | 74 degF | <input checked="" type="checkbox"/> | 35.0 bbl | | |
| Customer or Authorized Representative | | Schlumberger Supervisor | | Washed Thru Perfs | To | Job Completed | |
| Jose Torres | | Wayne Silvester/Greg Black | | <input type="checkbox"/> | | <input checked="" type="checkbox"/> | |
| | | | | Circulation Lost | | | |
| | | | | <input type="checkbox"/> | | | |