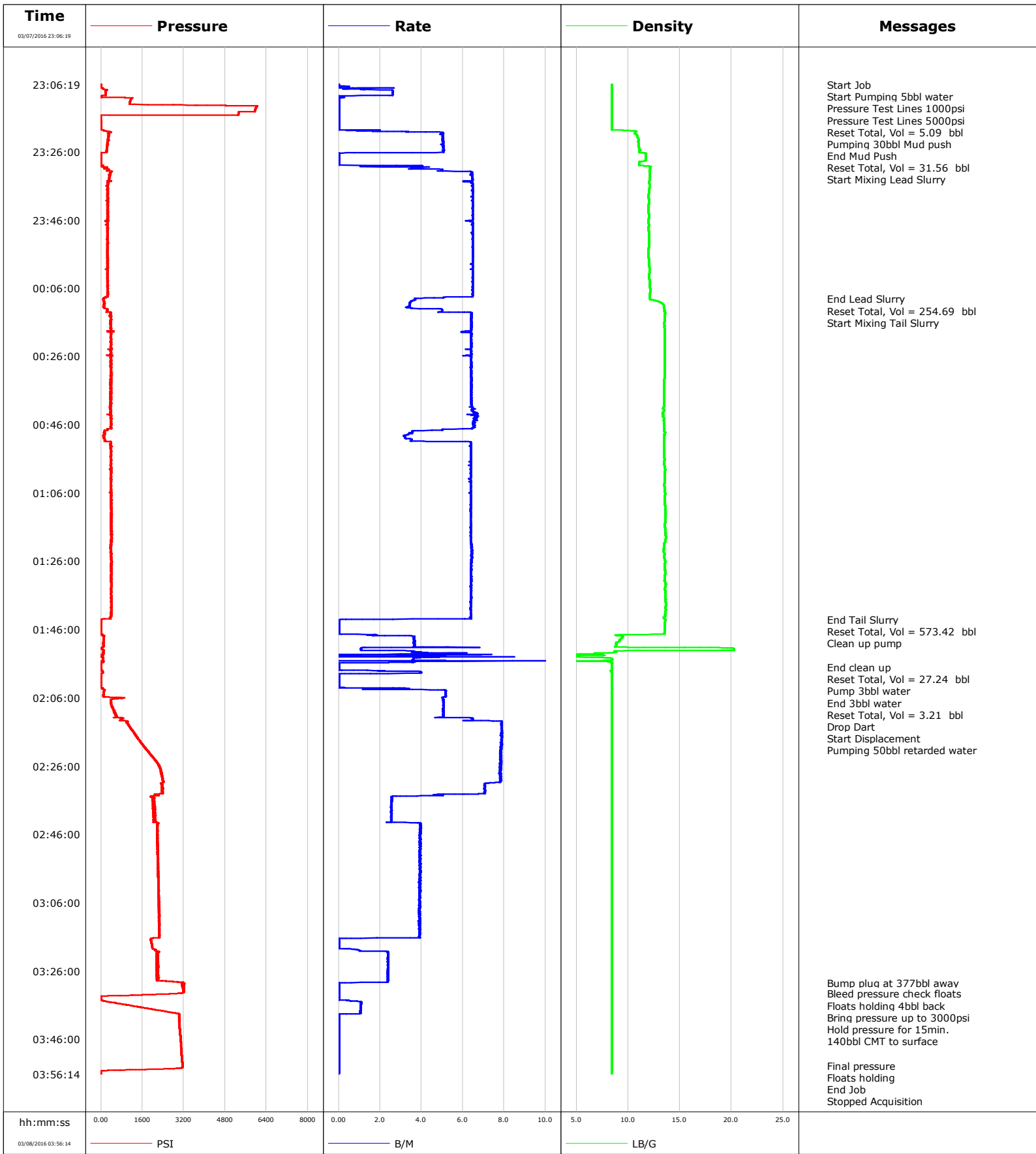


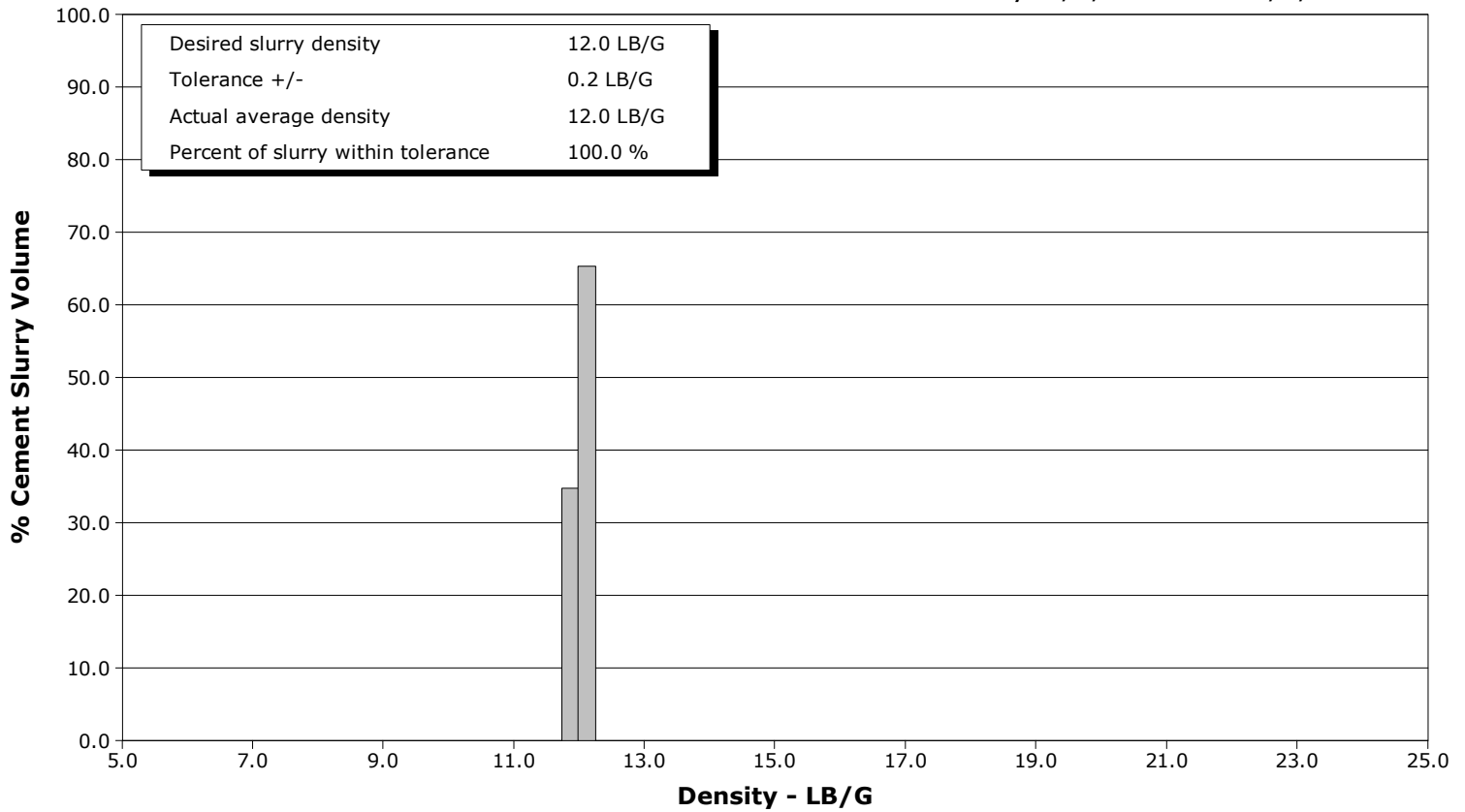
| | | | |
|-----------------|---------------------------|-----------------|---------------|
| Well | State Antelope | Client | Bonanza Creek |
| Field | DJ | SIR No. | DKFJ-00021 |
| Engineer | Chris Valerio/Matt Leiker | Job Type | Production |
| Country | United States | Job Date | 03-07-2016 |



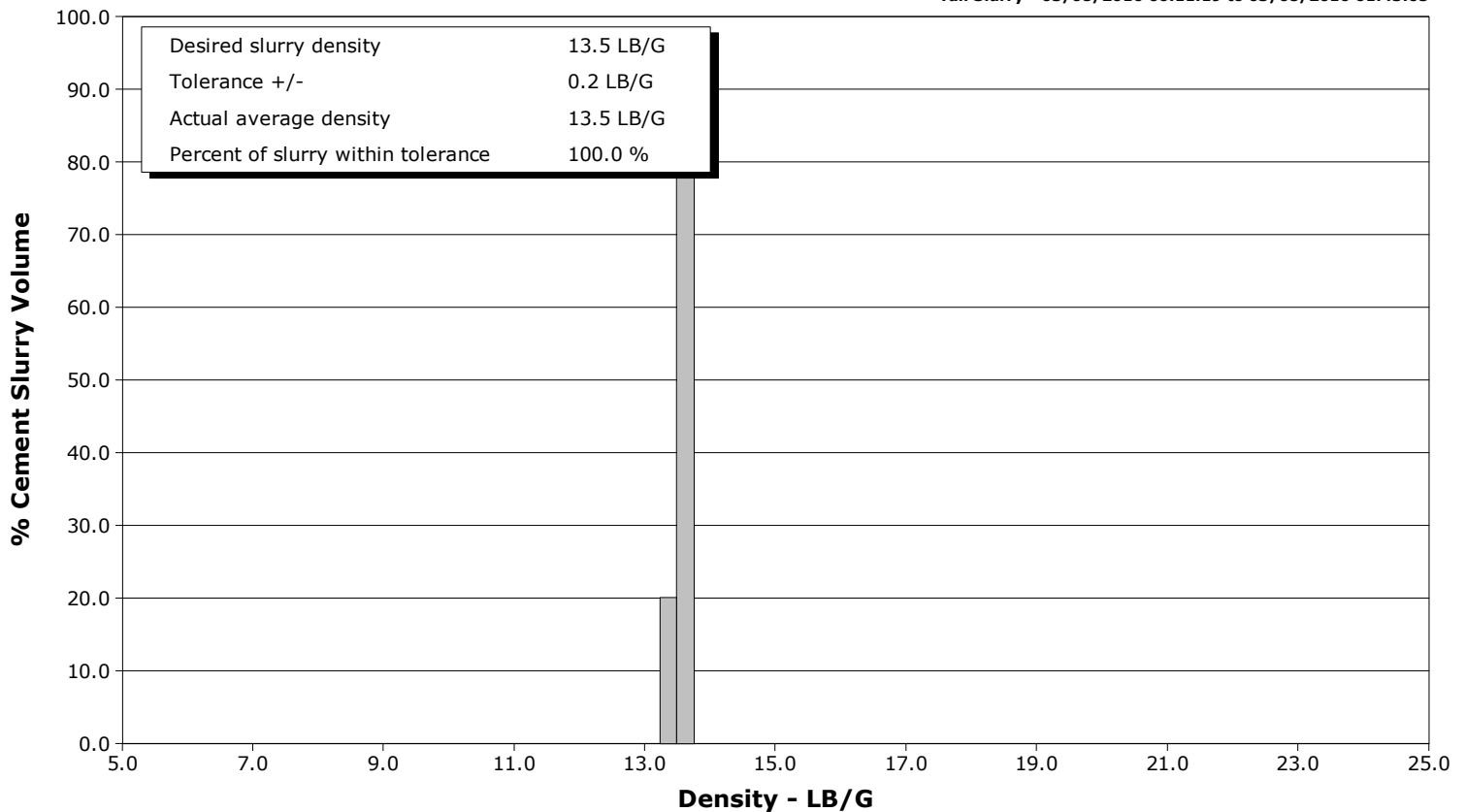
Well State Antelope
Field DJ
Engineer Chris Valerio/Matt Leiker
Country United States

Client Bonanza Creek
SIR No. DKFJ-00021
Job Type Production
Job Date 03-07-2016

Lead Slurry - 03/07/2016 23:30:20 to 03/08/2016 00:09:12



Tail Slurry - 03/08/2016 00:11:19 to 03/08/2016 01:43:05



| | | | | Customer | | | Job Number | | | |
|---|-------------------------|--|-------------------|------------------------|-----------------------|------------------------------|----------------------|-----------------|-------|--------|
| | | | | Bonanza Creek | | | DKFJ-00021 | | | |
| Well | | Location (legal) | | | Schlumberger Location | | | Job Start | | |
| State Antelope 24-21-16XRLNC | | | | | | | | Mar/07/2016 | | |
| Field | | Formation Name/Type | | Deviation | Bit Size | | Well MD | Well TVD | | |
| DJ | | Shale | | 90 deg | 8.8 in | | 16261.0 ft | 6397.0 ft | | |
| County | | State/Province | | BHP | BHST | BHCT | Pore Press. Gradient | | | |
| Weld | | Colorado | | psi | 220 degF | 220 degF | lb/gal | | | |
| Well Master | | API/UWI | | | | | | | | |
| 0631665953 | | 05123426960000 | | | | | | | | |
| Rig Name | Drilled For | Service Via | | Casing/Liner | | | | | | |
| Xtreme #22 | Oil | Land | | Depth, ft | Size, in | Weight, lb/ft | Grade | Thread | | |
| Offshore Zone | Well Class | Well Type | | 1625.0 | 9.6 | 36.0 | J55 | 8RD | | |
| | New | Development | | 16261.0 | 5.5 | 17.0 | P110 | 8RD | | |
| Drilling Fluid Type | | Max. Density | Plastic Viscosity | | Tubing/Drill Pipe | | | | | |
| Oil Mud | | 9.80 lb/gal | cP | | T/D | Depth, ft | Size, in | Weight, lb/ft | Grade | Thread |
| | | | | | | | | | | |
| Service Line | Job Type | | | | | | | | | |
| Cementing | Production | | | | | | | | | |
| Max. Allowed Tub. Press | Max. Allowed Ann. Press | WH Connection | | Perforations/Open Hole | | | | | | |
| 4500 psi | psi | Cap & Bowl | | Top, ft | Bottom, ft | shot/ft | No. of Shots | Total Interval | | |
| Service Instructions 5bbl Water 30bbl Mud Push @ 11# with surfactant 241bbl 755sks Lead CMT @ 12# 1.79 Yield 10 gal/sk water 545bl 1810sks Tail CMT @ 13.5# 1.69 Yield 8.13 gal/sk water | | | | ft | ft | | | ft | | |
| | | | | ft | ft | | | Diameter | | |
| | | | | ft | ft | | | in | | |
| 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 | | 16261.0 ft | | Tool Type | | |
| No. Centralizers | | Top Plugs | Bottom Plugs | Stage Tool Type | | | Tool Depth | | | |
| | | 1 | | | | | ft | | | |
| Cement Head Type | | Single | | Stage Tool Depth | | | ft | | | |
| | | | | | | | in | | | |
| Job Scheduled For | | Arrived on Location | | Leave Location | | Collar Type | | Tail Pipe Depth | | |
| Mar/07/2016 18:00 | | Mar/07/2016 18:00 | | Mar/08/2016 05:00 | | Other | | ft | | |
| | | | | | | Collar Depth | | 16258.0 ft | | |
| | | | | | | | | Sqz. Total Vol. | | |
| | | | | | | | | bbl | | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message | | | | |
| 03/07/2016 | 23:06:19 | 4 | 0.0 | 8.41 | 0.0 | Started Acquisition | | | | |
| 03/07/2016 | 23:06:23 | 4 | 0.0 | 8.41 | 0.0 | Start Job | | | | |
| 03/07/2016 | 23:06:51 | 4 | 0.0 | 8.41 | 0.0 | Start Pumping 5bbl water | | | | |
| 03/07/2016 | 23:11:14 | 1131 | 0.0 | 8.40 | 5.1 | Pressure Test Lines 1000psi | | | | |
| 03/07/2016 | 23:11:19 | 1129 | 0.0 | 8.40 | 5.1 | | | | | |
| 03/07/2016 | 23:14:14 | 5938 | 0.0 | 8.40 | 5.1 | Pressure Test Lines 5000psi | | | | |
| 03/07/2016 | 23:16:19 | -7 | 0.0 | 8.40 | 5.1 | | | | | |
| 03/07/2016 | 23:17:35 | 4 | 0.0 | 8.41 | 5.1 | Reset Total, Vol = 5.09 bbl | | | | |
| 03/07/2016 | 23:19:55 | 131 | 1.2 | 10.28 | 5.3 | Pumping 30bbl Mud push | | | | |
| 03/07/2016 | 23:21:19 | 305 | 5.0 | 10.87 | 11.2 | | | | | |
| 03/07/2016 | 23:26:19 | 23 | 3.6 | 11.06 | 36.4 | | | | | |
| 03/07/2016 | 23:26:29 | 9 | 0.0 | 11.66 | 36.7 | End Mud Push | | | | |
| 03/07/2016 | 23:26:39 | 7 | 0.0 | 11.72 | 36.7 | Reset Total, Vol = 31.56 bbl | | | | |
| 03/07/2016 | 23:30:20 | 36 | 1.9 | 12.10 | 37.5 | Start Mixing Lead Slurry | | | | |
| 03/07/2016 | 23:31:19 | 268 | 5.0 | 12.10 | 40.9 | | | | | |
| 03/07/2016 | 23:36:19 | 246 | 6.5 | 12.06 | 72.3 | | | | | |
| 03/07/2016 | 23:41:19 | 261 | 6.5 | 11.99 | 104.7 | | | | | |
| 03/07/2016 | 23:46:19 | 179 | 6.2 | 11.96 | 137.0 | | | | | |
| 03/07/2016 | 23:51:19 | 258 | 6.5 | 12.03 | 169.4 | | | | | |
| 03/07/2016 | 23:56:19 | 235 | 6.5 | 11.97 | 201.7 | | | | | |
| 03/08/2016 | 00:01:19 | 236 | 6.5 | 12.05 | 234.1 | | | | | |

| Well | | | Field | | Job Start | Customer | | Job Number |
|------------------------------|------------------|-----------------------|---------------|--------------|-------------|-------------------------------|--|------------|
| State Antelope 24-21-16XRLNC | | | DJ | | Mar/07/2016 | Bonanza Creek | | DKFJ-00021 |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message | | |
| 03/08/2016 | 00:09:12 | 94 | 3.7 | 12.11 | 283.9 | End Lead Slurry | | |
| 03/08/2016 | 00:11:18 | 110 | 3.4 | 13.46 | 291.3 | Reset Total, Vol = 254.69 bbl | | |
| 03/08/2016 | 00:11:19 | 112 | 3.4 | 13.45 | 291.3 | Start Mixing Tail Slurry | | |
| 03/08/2016 | 00:16:19 | 382 | 6.4 | 13.49 | 319.7 | | | |
| 03/08/2016 | 00:21:19 | 371 | 6.4 | 13.52 | 351.6 | | | |
| 03/08/2016 | 00:26:19 | 385 | 6.4 | 13.53 | 383.6 | | | |
| 03/08/2016 | 00:31:19 | 406 | 6.4 | 13.55 | 415.7 | | | |
| 03/08/2016 | 00:36:19 | 385 | 6.4 | 13.51 | 447.7 | | | |
| 03/08/2016 | 00:41:19 | 346 | 6.5 | 13.35 | 479.8 | | | |
| 03/08/2016 | 00:46:19 | 395 | 6.5 | 13.48 | 512.6 | | | |
| 03/08/2016 | 00:51:19 | 381 | 6.4 | 13.49 | 534.4 | | | |
| 03/08/2016 | 00:56:19 | 409 | 6.4 | 13.52 | 566.4 | | | |
| 03/08/2016 | 01:01:19 | 375 | 6.4 | 13.53 | 598.3 | | | |
| 03/08/2016 | 01:06:19 | 378 | 6.4 | 13.57 | 630.2 | | | |
| 03/08/2016 | 01:11:19 | 403 | 6.4 | 13.60 | 662.1 | | | |
| 03/08/2016 | 01:16:19 | 409 | 6.4 | 13.57 | 694.0 | | | |
| 03/08/2016 | 01:21:19 | 379 | 6.4 | 13.45 | 725.9 | | | |
| 03/08/2016 | 01:26:19 | 402 | 6.4 | 13.57 | 758.0 | | | |
| 03/08/2016 | 01:31:19 | 385 | 6.4 | 13.53 | 790.0 | | | |
| 03/08/2016 | 01:36:19 | 395 | 6.4 | 13.60 | 822.0 | | | |
| 03/08/2016 | 01:41:19 | 384 | 6.4 | 13.59 | 853.9 | | | |
| 03/08/2016 | 01:43:05 | 17 | 0.4 | 13.61 | 864.8 | End Tail Slurry | | |
| 03/08/2016 | 01:43:14 | 13 | 0.0 | 13.59 | 864.8 | Reset Total, Vol = 573.42 bbl | | |
| 03/08/2016 | 01:43:22 | 12 | 0.0 | 13.58 | 864.8 | Clean up pump | | |
| 03/08/2016 | 01:46:19 | 9 | 0.0 | 13.52 | 864.8 | | | |
| 03/08/2016 | 01:51:19 | 54 | 1.3 | 15.46 | 878.2 | | | |
| 03/08/2016 | 01:56:19 | 9 | 0.0 | 8.43 | 892.0 | | | |
| 03/08/2016 | 01:57:03 | 7 | 0.0 | 8.43 | 892.0 | End clean up | | |
| 03/08/2016 | 01:57:06 | 8 | 0.0 | 8.43 | 892.0 | Reset Total, Vol = 27.24 bbl | | |
| 03/08/2016 | 01:57:17 | 8 | 0.0 | 8.43 | 892.0 | Pump 3bbl water | | |
| 03/08/2016 | 01:59:01 | 8 | 0.3 | 8.41 | 895.2 | End 3bbl water | | |
| 03/08/2016 | 01:59:05 | 9 | 0.0 | 8.42 | 895.2 | Reset Total, Vol = 3.21 bbl | | |
| 03/08/2016 | 01:59:07 | 9 | 0.0 | 8.42 | 895.2 | Drop Dart | | |
| 03/08/2016 | 01:59:08 | 8 | 0.0 | 8.42 | 895.2 | Start Displacement | | |
| 03/08/2016 | 02:01:19 | 10 | 0.0 | 8.42 | 895.2 | | | |
| 03/08/2016 | 02:04:35 | 105 | 5.2 | 8.42 | 901.1 | Pumping 50bbl retarded water | | |
| 03/08/2016 | 02:06:19 | 601 | 5.0 | 8.43 | 909.9 | | | |
| 03/08/2016 | 02:11:19 | 590 | 5.0 | 8.43 | 935.2 | | | |
| 03/08/2016 | 02:16:19 | 1263 | 7.9 | 8.42 | 971.6 | | | |
| 03/08/2016 | 02:21:19 | 1766 | 7.8 | 8.42 | 1011.0 | | | |
| 03/08/2016 | 02:26:19 | 2278 | 7.8 | 8.42 | 1050.1 | | | |
| 03/08/2016 | 02:31:19 | 2336 | 7.1 | 8.42 | 1088.9 | | | |
| 03/08/2016 | 02:36:19 | 1996 | 2.6 | 8.42 | 1116.4 | | | |
| 03/08/2016 | 02:41:19 | 2113 | 2.5 | 8.42 | 1129.1 | | | |
| 03/08/2016 | 02:46:19 | 2173 | 3.9 | 8.42 | 1147.0 | | | |
| 03/08/2016 | 02:51:19 | 2187 | 3.9 | 8.42 | 1166.6 | | | |
| 03/08/2016 | 02:56:19 | 2197 | 3.9 | 8.42 | 1186.3 | | | |
| 03/08/2016 | 03:01:19 | 2233 | 3.9 | 8.42 | 1205.9 | | | |
| 03/08/2016 | 03:06:19 | 2230 | 3.9 | 8.42 | 1225.5 | | | |
| 03/08/2016 | 03:11:19 | 2255 | 3.9 | 8.42 | 1245.0 | | | |
| 03/08/2016 | 03:16:19 | 2243 | 3.9 | 8.42 | 1264.6 | | | |
| 03/08/2016 | 03:21:19 | 2136 | 2.4 | 8.42 | 1268.2 | | | |
| 03/08/2016 | 03:26:19 | 2151 | 2.4 | 8.42 | 1280.1 | | | |
| 03/08/2016 | 03:29:31 | 3213 | 0.2 | 8.42 | 1287.6 | Bump plug at 377bbl away | | |

| Well | | Field | | Job Start | | Customer | | Job Number | |
|------------------------------|------------------|-----------------------|---------------|--------------|------------|------------------------------|--|------------|--|
| State Antelope 24-21-16XRLNC | | DJ | | Mar/07/2016 | | Bonanza Creek | | DKFJ-00021 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message | | | |
| 03/08/2016 | 03:32:42 | 2897 | 0.0 | 8.42 | 1287.6 | Bleed pressure check floats | | | |
| 03/08/2016 | 03:33:49 | -5 | 0.0 | 8.42 | 1287.6 | Floats holding 4bbl back | | | |
| 03/08/2016 | 03:36:19 | 1237 | 1.1 | 8.42 | 1289.2 | | | | |
| 03/08/2016 | 03:38:35 | 3012 | 1.1 | 8.42 | 1291.6 | Bring pressure up to 3000psi | | | |
| 03/08/2016 | 03:38:52 | 3010 | 0.0 | 8.42 | 1291.7 | Hold pressure for 15min. | | | |
| 03/08/2016 | 03:39:10 | 3024 | 0.0 | 8.42 | 1291.7 | 140bbl CMT to surface | | | |
| 03/08/2016 | 03:41:19 | 3032 | 0.0 | 8.42 | 1291.7 | | | | |
| 03/08/2016 | 03:46:19 | 3075 | 0.0 | 8.42 | 1291.7 | | | | |
| 03/08/2016 | 03:51:19 | 3125 | 0.0 | 8.42 | 1291.7 | | | | |
| 03/08/2016 | 03:53:51 | 3150 | 0.0 | 8.42 | 1291.7 | Final pressure | | | |
| 03/08/2016 | 03:55:46 | -2 | 0.0 | 8.42 | 1291.7 | Floats holding | | | |
| 03/08/2016 | 03:55:54 | -2 | 0.0 | 8.42 | 1291.7 | 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 | |
| 5.4 | | | 8.0 | 786.0 | 0.0 | 30.0 | | |
| Treating Pressure Summary, psi | | | | | Breakdown Fluid | | | |
| Maximum | Final | Average | Bump Plug to | Breakdown | Type | Volume | Density | |
| 3213 | 3150 | 1043 | 3213 | | | bbl | lb/gal | |
| Avg. N2 Percent | Designed Slurry Volume | Displacement | Mix Water Temp | Cement Circulated to Surface? | <input checked="" type="checkbox"/> | Volume | 140.0 bbl | |
| % | 786.0 bbl | 377.0 bbl | 67 degF | Washed Thru Perfs | <input type="checkbox"/> | To | ft | |
| Customer or Authorized Representative | Schlumberger Supervisor | | | Circulation Lost | <input type="checkbox"/> | Job Completed | <input checked="" type="checkbox"/> | |
| Sam Mares | Chris Valerio/Matt Leiker | | | - | | - | | |