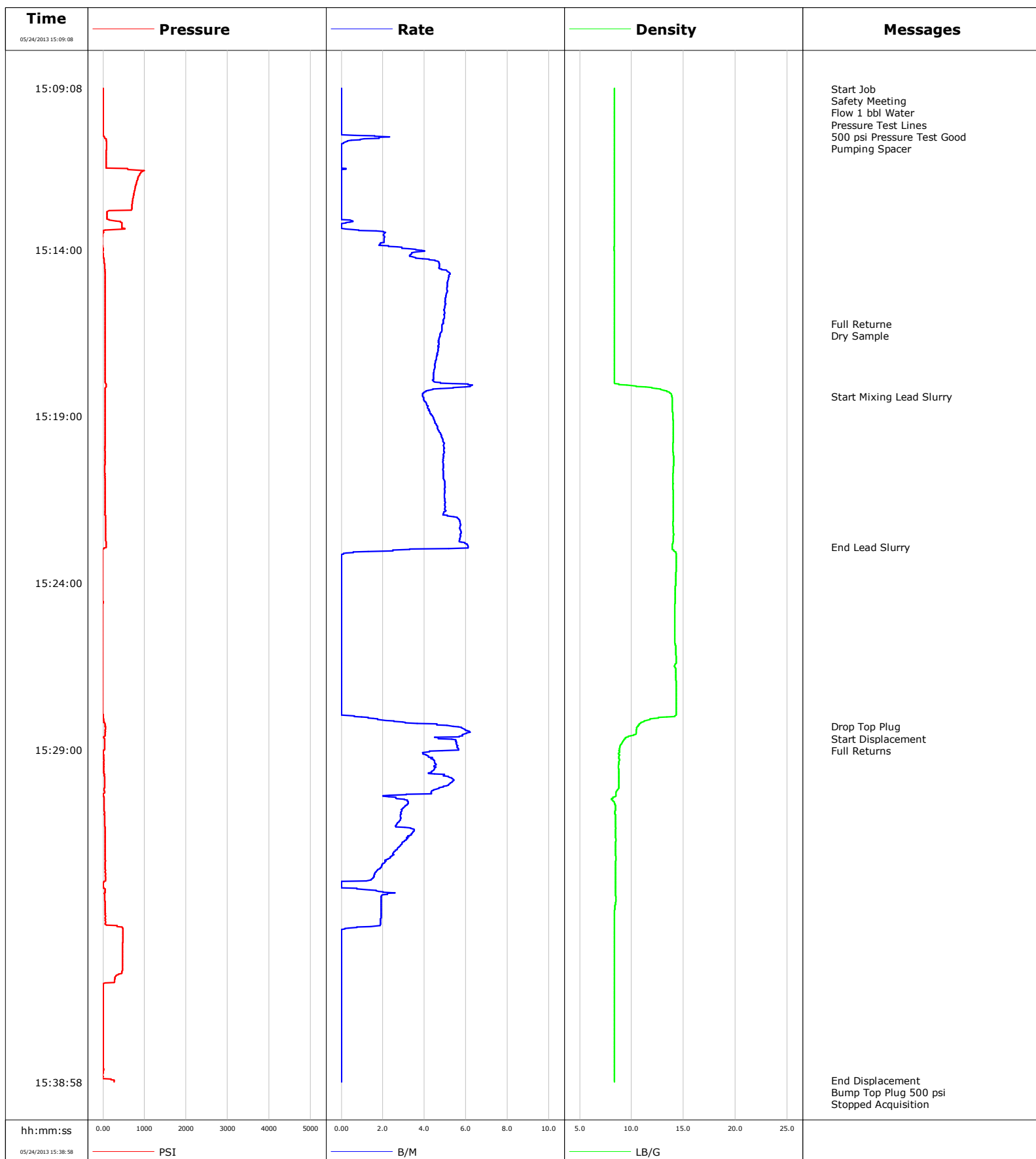


**Well** Silverton 16-10  
**Field** Wildcat  
**Engineer** Travis Willardson / Cole Fairbrook  
**Country** United States

**Client** Nighthawk  
**SIR No.** C610-01416  
**Job Type** 8 5/8 Surface  
**Job Date** 05-24-2013





# Cementing Service Report

|  |                         |   |                               |                       |               |                            |                      |
|--|-------------------------|---|-------------------------------|-----------------------|---------------|----------------------------|----------------------|
|  |                         |   |                               | Customer              |               | Job Number                 |                      |
| Well   |                         | Location (legal)  |                               | Schlumberger Location |               | Job Start<br>May/24/2013   |                      |
| Field  |                         | Formation Name/Type   |                               | Deviation             | Bit Size      | Well MD                    | Well TVD             |
| County   |                         | State/Province  |                               | BHP                   | BHST          | BHCT                       | Pore Press. Gradient |
| Well Master                                    |                         | API/UWI   |                               |                       |               |                            |                      |
| Rig Name                                       | Drilled For             | Service Via   | Casing/Liner                  |                       |               |                            |                      |
|  |                         |   | Depth,                        | Size,                 | Weight,       | Grade                      | Thread               |
| Offshore Zone                                  | Well Class              | Well Type   |                               |                       |               |                            |                      |
|  |                         |   |                               |                       |               |                            |                      |
| Drilling Fluid Type                            |                         | Max. Density  | Plastic Viscosity             | Tubing/Drill Pipe     |               |                            |                      |
|  |                         |   |                               | Depth,                | Size,         | Weight,                    | Grade                |
|  |                         |   |                               |                       |               |                            |                      |
| Service Line<br>Cementing                      | Job Type                |   |                               |                       |               |                            |                      |
|  |                         |   |                               |                       |               |                            |                      |
| Max. Allowed Tub. Press                        | Max. Allowed Ann. Press | WH Connection   | Perforations/Open Hole        |                       |               |                            |                      |
|  |                         |   | Top,                          | Bottom,               |               | No. of Shots               | Total Interval       |
| Service Instructions                           |                         |   |                               |                       |               |                            |                      |
|  |                         |   |                               |                       |               |                            | Diameter             |
|  |                         |   |                               |                       |               |                            |                      |
| Treat Down                                     |                         | Displacement  |                               | Packer Type           |               | Packer Depth               |                      |
| Tubing Vol.                                    |                         | Casing Vol.   |                               | Annular Vol.          |               | Openhole Vol.              |                      |
| Casing/Tubing Secured <input type="checkbox"/> |                         | 1 Hole Vol. Circulated prior to Cement <input type="checkbox"/> |                               | Casing Tools          |               | Squeeze Job                |                      |
| Lift Pressure                                  |                         |   | Shoe Type                     |                       |               | Squeeze Type               |                      |
| Pipe Rotated <input type="checkbox"/>          |                         | Pipe Reciprocated <input type="checkbox"/>                      |                               | Shoe Depth            |               |                            | Tool Type            |
| No. Centralizers                               |                         | Top Plugs   | Bottom Plugs                  | Stage Tool Type       |               |                            | Tool Depth           |
| Cement Head Type                               |                         |   |                               | Stage Tool Depth      |               |                            | Tail Pipe Size       |
| Job Scheduled For<br>May/24/2013               |                         | Arrived on Location<br>May/24/2013                              | Leave Location<br>May/24/2013 | Collar Type           |               |                            | Tail Pipe Depth      |
|  |                         |   |                               | Collar Depth          |               |                            | Sqz. Total Vol.      |
| 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 | Message                    |                      |
| 01/01/1970                                     | 00:00:00                |   |                               |                       |               | Remark                     |                      |
| 05/24/2013                                     | 14:52:30                |   |                               |                       |               | Started Acquisition        |                      |
| 05/24/2013                                     | 15:09:08                | 5   | 0.0                           | 8.36                  | 0.0           |                            |                      |
| 05/24/2013                                     | 15:09:10                |   |                               |                       |               | Start Job                  |                      |
| 05/24/2013                                     | 15:09:10                | 5   | 0.0                           | 8.36                  | 0.0           |                            |                      |
| 05/24/2013                                     | 15:09:14                |   |                               |                       |               | Safety Meeting             |                      |
| 05/24/2013                                     | 15:09:14                |   |                               |                       |               | Flow 1 bbl Water           |                      |
| 05/24/2013                                     | 15:09:14                | 5   | 0.0                           | 8.37                  | 0.0           |                            |                      |
| 05/24/2013                                     | 15:09:20                |   |                               |                       |               | Pressure Test Lines        |                      |
| 05/24/2013                                     | 15:09:20                | 5   | 0.0                           | 8.36                  | 0.0           |                            |                      |
| 05/24/2013                                     | 15:09:23                |   |                               |                       |               | 500 psi Pressure Test Good |                      |
| 05/24/2013                                     | 15:09:23                |   |                               |                       |               | Pumping Spacer             |                      |
| 05/24/2013                                     | 15:09:23                | 5   | 0.0                           | 8.36                  | 0.0           |                            |                      |
| 05/24/2013                                     | 15:09:30                | 5   | 0.0                           | 8.36                  | 0.0           |                            |                      |
| 05/24/2013                                     | 15:10:00                | 3   | 0.0                           | 8.36                  | 0.0           |                            |                      |
| 05/24/2013                                     | 15:10:30                | 2   | 0.0                           | 8.36                  | 0.0           |                            |                      |
| 05/24/2013                                     | 15:11:00                | 84  | 0.0                           | 8.36                  | 0.2           |                            |                      |
| 05/24/2013                                     | 15:11:30                | 74  | 0.0                           | 8.36                  | 0.2           |                            |                      |
| 05/24/2013                                     | 15:12:00                | 805   | 0.0                           | 8.36                  | 0.2           |                            |                      |
| 05/24/2013                                     | 15:12:30                | 718   | 0.0                           | 8.36                  | 0.2           |                            |                      |
| 05/24/2013                                     | 15:13:00                | 106   | 0.0                           | 8.36                  | 0.2           |                            |                      |



| Well       |                        |                             | Field               |                 | Job Start<br>May/24/2013 |                          | Customer | Job Number |
|------------|------------------------|-----------------------------|---------------------|-----------------|--------------------------|--------------------------|----------|------------|
| 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            | Message                  |          |            |
| 05/24/2013 | 15:14:00               | 2                           | 3.6                 | 8.32            | 1.6                      |                          |          |            |
| 05/24/2013 | 15:14:30               | 37                          | 4.7                 | 8.36            | 3.6                      |                          |          |            |
| 05/24/2013 | 15:15:00               | 50                          | 5.1                 | 8.36            | 6.1                      |                          |          |            |
| 05/24/2013 | 15:15:30               | 50                          | 5.0                 | 8.36            | 8.7                      |                          |          |            |
| 05/24/2013 | 15:16:00               | 50                          | 5.0                 | 8.35            | 11.2                     |                          |          |            |
| 05/24/2013 | 15:16:13               |                             |                     |                 |                          | Full Returne             |          |            |
| 05/24/2013 | 15:16:13               | 50                          | 4.9                 | 8.35            | 12.2                     |                          |          |            |
| 05/24/2013 | 15:16:25               |                             |                     |                 |                          | Dry Sample               |          |            |
| 05/24/2013 | 15:16:25               | 50                          | 4.8                 | 8.36            | 13.2                     |                          |          |            |
| 05/24/2013 | 15:16:30               | 50                          | 4.8                 | 8.36            | 13.6                     |                          |          |            |
| 05/24/2013 | 15:17:00               | 50                          | 4.7                 | 8.35            | 16.0                     |                          |          |            |
| 05/24/2013 | 15:17:30               | 49                          | 4.5                 | 8.36            | 18.2                     |                          |          |            |
| 05/24/2013 | 15:18:00               | 70                          | 4.8                 | 8.36            | 20.5                     |                          |          |            |
| 05/24/2013 | 15:18:24               |                             |                     |                 |                          | Start Mixing Lead Slurry |          |            |
| 05/24/2013 | 15:18:24               | 53                          | 3.9                 | 13.88           | 22.4                     |                          |          |            |
| 05/24/2013 | 15:18:30               | 55                          | 4.0                 | 13.92           | 22.8                     |                          |          |            |
| 05/24/2013 | 15:19:00               | 51                          | 4.4                 | 13.98           | 24.9                     |                          |          |            |
| 05/24/2013 | 15:19:30               | 52                          | 4.8                 | 14.03           | 27.2                     |                          |          |            |
| 05/24/2013 | 15:20:00               | 47                          | 4.9                 | 13.97           | 29.6                     |                          |          |            |
| 05/24/2013 | 15:20:30               | 47                          | 4.9                 | 14.04           | 32.1                     |                          |          |            |
| 05/24/2013 | 15:21:00               | 52                          | 5.0                 | 14.00           | 34.5                     |                          |          |            |
| 05/24/2013 | 15:21:30               | 50                          | 5.0                 | 14.02           | 37.0                     |                          |          |            |
| 05/24/2013 | 15:22:30               | 70                          | 5.8                 | 14.05           | 42.4                     |                          |          |            |
| 05/24/2013 | 15:22:55               |                             |                     |                 |                          | End Lead Slurry          |          |            |
| 05/24/2013 | 15:22:55               | 79                          | 6.1                 | 13.91           | 44.8                     |                          |          |            |
| 05/24/2013 | 15:23:00               | -3                          | 3.3                 | 13.94           | 45.2                     |                          |          |            |
| 05/24/2013 | 15:23:30               | -9                          | 0.0                 | 14.31           | 45.4                     |                          |          |            |
| 05/24/2013 | 15:24:00               | -9                          | 0.0                 | 14.25           | 45.4                     |                          |          |            |
| 05/24/2013 | 15:24:30               | -9                          | 0.0                 | 14.20           | 45.4                     |                          |          |            |
| 05/24/2013 | 15:25:00               | -1                          | 0.0                 | 14.17           | 45.4                     |                          |          |            |
| 05/24/2013 | 15:25:30               | -1                          | 0.0                 | 14.17           | 45.4                     |                          |          |            |
| 05/24/2013 | 15:26:00               | -2                          | 0.0                 | 14.25           | 45.4                     |                          |          |            |
| 05/24/2013 | 15:26:30               | -2                          | 0.0                 | 14.12           | 45.4                     |                          |          |            |
| 05/24/2013 | 15:27:00               | -2                          | 0.0                 | 14.29           | 45.4                     |                          |          |            |
| 05/24/2013 | 15:27:30               | -1                          | 0.0                 | 14.30           | 45.4                     |                          |          |            |
| 05/24/2013 | 15:28:00               | 9                           | 0.6                 | 14.15           | 45.4                     |                          |          |            |
| 05/24/2013 | 15:28:18               |                             |                     |                 |                          | Drop Top Plug            |          |            |
| 05/24/2013 | 15:28:18               |                             |                     |                 |                          | Start Displacement       |          |            |
| 05/24/2013 | 15:28:18               | 55                          | 5.4                 | 10.57           | 46.3                     |                          |          |            |
| 05/24/2013 | 15:28:20               |                             |                     |                 |                          | Full Returns             |          |            |
| 05/24/2013 | 15:28:20               | 61                          | 5.8                 | 10.51           | 46.4                     |                          |          |            |
| 05/24/2013 | 15:28:30               | 53                          | 6.0                 | 10.44           | 47.4                     |                          |          |            |
| 05/24/2013 | 15:29:00               | 39                          | 5.7                 | 8.81            | 50.2                     |                          |          |            |
| 05/24/2013 | 15:29:30               | 25                          | 4.5                 | 8.73            | 52.4                     |                          |          |            |
| 05/24/2013 | 15:30:00               | 45                          | 5.3                 | 8.80            | 54.8                     |                          |          |            |
| 05/24/2013 | 15:30:30               | 27                          | 3.0                 | 8.07            | 56.8                     |                          |          |            |
| 05/24/2013 | 15:31:00               | 37                          | 2.9                 | 8.44            | 58.3                     |                          |          |            |
| 05/24/2013 | 15:31:30               | 53                          | 3.4                 | 8.45            | 59.8                     |                          |          |            |
| 05/24/2013 | 15:32:00               | 56                          | 2.7                 | 8.46            | 61.3                     |                          |          |            |
| 05/24/2013 | 15:32:30               | 59                          | 1.9                 | 8.46            | 62.5                     |                          |          |            |
| 05/24/2013 | 15:33:00               | 10                          | 0.0                 | 8.44            | 63.2                     |                          |          |            |
| 05/24/2013 | 15:33:30               | 46                          | 1.9                 | 8.51            | 63.8                     |                          |          |            |
| 05/24/2013 | 15:34:00               | 61                          | 1.9                 | 8.36            | 64.8                     |                          |          |            |
| 05/24/2013 | 15:34:30               | 481                         | 0.0                 | 8.36            | 65.4                     |                          |          |            |



| Well       |                        |                             | Field               |                 | Job Start<br>May/24/2013 | Customer                | Job Number |
|------------|------------------------|-----------------------------|---------------------|-----------------|--------------------------|-------------------------|------------|
| 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            | Message                 |            |
| 05/24/2013 | 15:35:30               | 467                         | 0.0                 | 8.36            | 65.4                     |                         |            |
| 05/24/2013 | 15:36:00               | 49                          | 0.0                 | 8.36            | 65.4                     |                         |            |
| 05/24/2013 | 15:36:30               | 4                           | 0.0                 | 8.36            | 65.4                     |                         |            |
| 05/24/2013 | 15:37:00               | 5                           | 0.0                 | 8.36            | 65.4                     |                         |            |
| 05/24/2013 | 15:37:30               | 5                           | 0.0                 | 8.36            | 65.4                     |                         |            |
| 05/24/2013 | 15:38:00               | 5                           | 0.0                 | 8.36            | 65.4                     |                         |            |
| 05/24/2013 | 15:38:30               | 5                           | 0.0                 | 8.36            | 65.4                     |                         |            |
| 05/24/2013 | 15:38:55               |                             |                     |                 |                          | End Displacement        |            |
| 05/24/2013 | 15:38:55               | 264                         | 0.0                 | 8.36            | 65.4                     |                         |            |
| 05/24/2013 | 15:38:56               |                             |                     |                 |                          | Bump Top Plug 500 psi   |            |
| 05/24/2013 | 15:38:56               | 270                         | 0.0                 | 8.36            | 65.4                     |                         |            |
| 05/24/2013 | 15:39:01               |                             |                     |                 |                          | Stopped Acquisition     |            |
| 05/24/2013 | 15:39:01               |                             |                     |                 |                          | Rig Down                |            |
| 05/24/2013 | 15:39:01               |                             |                     |                 |                          | 1 bbl Slurry To Surface |            |

Post Job Summary

| Average Pump Rates,                   |       |                        |                         |              | Volume of Fluid Injected, |  |  |  |
|---------------------------------------|-------|------------------------|-------------------------|--------------|---------------------------|--|--|--|
| Slurry                                | N2    | Mud                    | Maximum Rate            | Total Slurry | Mud                       | Spacer   | N2                                     |  |
| Treating Pressure Summary,            |       |                        |                         |              | Breakdown Fluid           |  |  |  |
| Maximum                               | Final | Average                | Bump Plug to            | Breakdown    | Type                      | Volume   | Density                                |  |
| Avg. N2 Percent                       |       | Designed Slurry Volume |                         | Displacement | Mix Water Temp            | Cement Circulated to Surface? <input type="checkbox"/> | Volume                                 |  |
|                                       |       |                        |                         |              |                           | Washed Thru Perfs <input type="checkbox"/>             | To                                     |  |
| Customer or Authorized Representative |       |                        | Schlumberger Supervisor |              |                           | Circulation Lost <input type="checkbox"/>              | Job Completed <input type="checkbox"/> |  |
|                                       |       |                        |                         |              |                           | -  | -                                      |  |





|                               |                                    |
|-------------------------------|------------------------------------|
| <b>Service Order #:</b>       | V2 Surface                         |
| <b>Date:</b>                  | May/24/2013                        |
| <b>Operating Time:</b>        | 0.0                                |
| <b>Client Rep:</b>            | Nighthawk                          |
| <b>Schlumberger Engineer:</b> | Travis Willardson / Cole Fairbrook |
| <b>Schlumberger FSM:</b>      |                                    |

**To be completed by Company Rep. Please answer Y (Yes) or N (No) and add any comments below.**

| 2  | Design / Preparation   |   |                              |  |           |    |
|----|--|---|------------------------------|--|-----------|----|
| 2a | Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs  | 3 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |           | 0  |
| 2b | Equipment maintenance schedule completed / Green tagged                        | 2 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |           | 0  |
| 2c | All materials and equipment required for job/contingency checked & on location | 2 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |           | 0  |
| 2d | Safety / pre-job meeting conducted with all involved present                   | 2 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> |           | 0  |
|    |  |   |                              |  | Sub-total | 0% |

| 4         | Evaluation  |    |                              |  |    |
|-----------|---|----|------------------------------|--|----|
| 4a        | Main job objective achieved with no consequential non-productive time | 10 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0  |
| Sub-total |   |    |                              |  | 0% |

**Comments:** (Please include a brief explanation for a "NO" response and summarize any innovations attempted on this well.)

|                          |                                |
|--------------------------|--------------------------------|
| <b>Client:</b>           | <b>Schlumberger:</b>           |
|                          |                                |
| <b>Client Signature:</b> | <b>Schlumberger Signature:</b> |