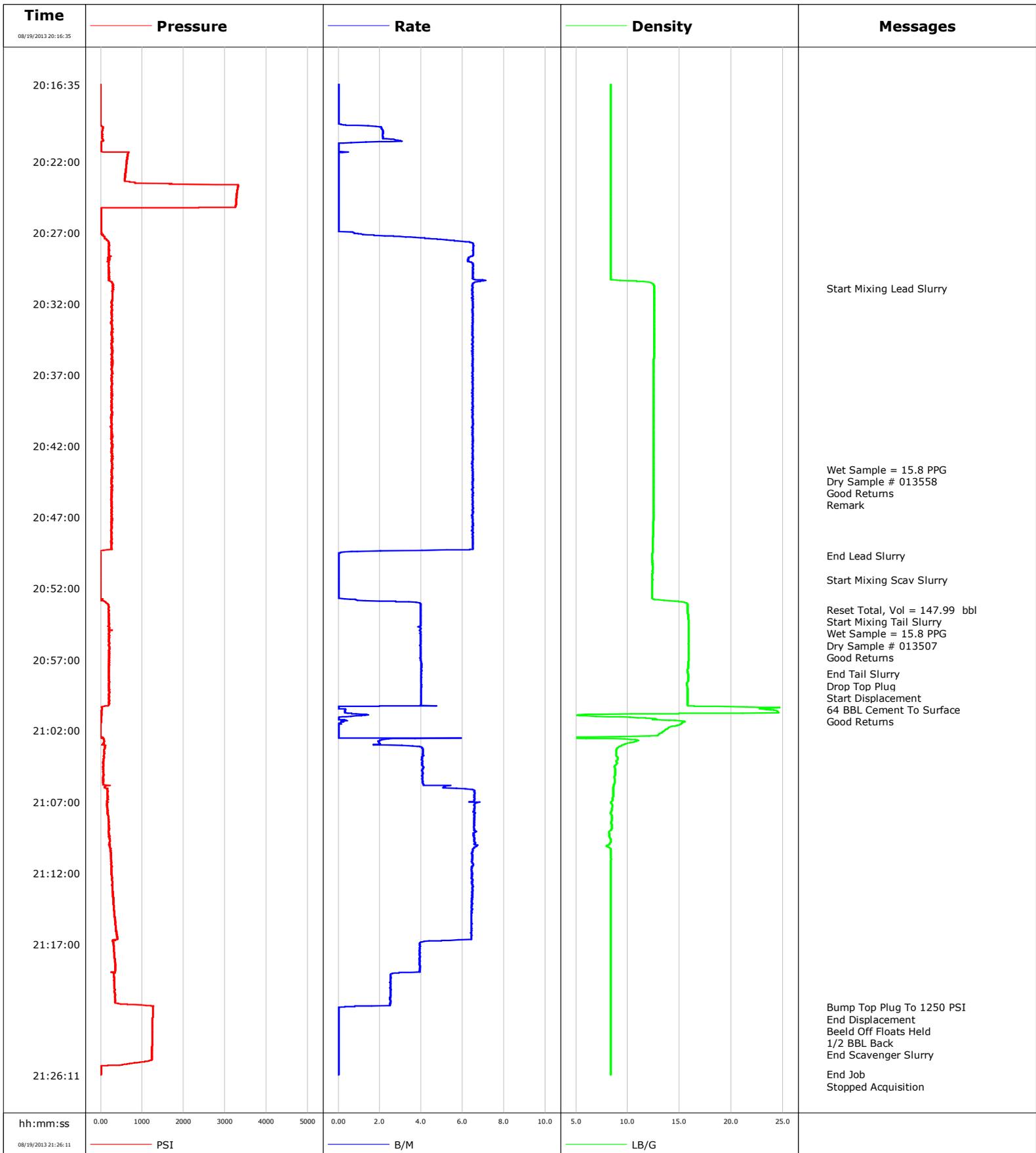


| | | | |
|-----------------|----------------------------------|-----------------|---------------|
| Well | HMU 6-13AA | Client | Encana |
| Field | Mamm Creek | SIR No. | CFAO-00867 |
| Engineer | Cole Fairbrook/Travis Willardson | Job Type | 9 5/8 Surface |
| Country | United States | Job Date | 08-19-2013 |



| Well | | Field | | Job Start | | Customer | | Job Number | |
|-------------------|------------------|-----------------------|---------------|--------------|------------|-------------------------------|--|------------|--|
| HMU 6-13AA 6-13AA | | Mamm Creek | | Aug/19/2013 | | Encana | | CFAO-00867 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message | | | |
| 08/19/2013 | 20:49:41 | -7 | 0.0 | 12.37 | 145.6 | | | | |
| 08/19/2013 | 20:51:24 | | | | | Start Mixing Scav Slurry | | | |
| 08/19/2013 | 20:51:24 | -10 | 0.0 | 12.40 | 145.6 | | | | |
| 08/19/2013 | 20:52:30 | -10 | 0.0 | 12.36 | 145.6 | | | | |
| 08/19/2013 | 20:53:29 | | | | | Reset Total, Vol = 147.99 bbl | | | |
| 08/19/2013 | 20:53:29 | 188 | 4.0 | 15.78 | 148.0 | | | | |
| 08/19/2013 | 20:53:40 | | | | | Start Mixing Tail Slurry | | | |
| 08/19/2013 | 20:53:40 | 190 | 4.0 | 15.78 | 148.7 | | | | |
| 08/19/2013 | 20:53:43 | | | | | Wet Sample = 15.8 PPG | | | |
| 08/19/2013 | 20:53:43 | | | | | Dry Sample # 013507 | | | |
| 08/19/2013 | 20:53:43 | | | | | Good Returns | | | |
| 08/19/2013 | 20:53:43 | 191 | 4.0 | 15.79 | 148.9 | | | | |
| 08/19/2013 | 20:57:30 | 200 | 4.0 | 15.85 | 163.9 | | | | |
| 08/19/2013 | 20:58:00 | | | | | End Tail Slurry | | | |
| 08/19/2013 | 20:58:00 | 192 | 4.0 | 15.82 | 165.9 | | | | |
| 08/19/2013 | 20:58:03 | | | | | Drop Top Plug | | | |
| 08/19/2013 | 20:58:03 | 199 | 4.0 | 15.82 | 166.1 | | | | |
| 08/19/2013 | 20:58:05 | | | | | Start Displacement | | | |
| 08/19/2013 | 20:58:05 | 195 | 4.0 | 15.82 | 166.3 | | | | |
| 08/19/2013 | 20:58:07 | | | | | 64 BBL Cement To Surface | | | |
| 08/19/2013 | 20:58:07 | | | | | Good Returns | | | |
| 08/19/2013 | 20:58:07 | 197 | 4.0 | 15.81 | 166.4 | | | | |
| 08/19/2013 | 21:02:30 | 21 | 0.0 | 2.12 | 175.4 | | | | |
| 08/19/2013 | 21:07:30 | 158 | 6.6 | 8.46 | 198.6 | | | | |
| 08/19/2013 | 21:12:30 | 278 | 6.5 | 8.37 | 231.2 | | | | |
| 08/19/2013 | 21:17:30 | 320 | 3.9 | 8.37 | 261.5 | | | | |
| 08/19/2013 | 21:21:24 | | | | | Bump Top Plug To 1250 PSI | | | |
| 08/19/2013 | 21:21:24 | 1255 | 0.3 | 8.37 | 273.3 | | | | |
| 08/19/2013 | 21:21:26 | | | | | End Displacement | | | |
| 08/19/2013 | 21:21:26 | 1258 | 0.0 | 8.37 | 273.3 | | | | |
| 08/19/2013 | 21:21:30 | | | | | Beeld Off Floats Held | | | |
| 08/19/2013 | 21:21:30 | | | | | 1/2 BBL Back | | | |
| 08/19/2013 | 21:21:30 | 1256 | 0.0 | 8.37 | 273.3 | | | | |
| 08/19/2013 | 21:22:30 | 1247 | 0.0 | 8.37 | 273.3 | | | | |
| 08/19/2013 | 21:24:02 | | | | | End Scavenger Slurry | | | |
| 08/19/2013 | 21:24:02 | 1239 | 0.0 | 8.37 | 273.3 | | | | |
| 08/19/2013 | 21:26:07 | | | | | End Job | | | |
| 08/19/2013 | 21:26:07 | 4 | 0.0 | 8.37 | 273.3 | | | | |

| | | | | |
|----------------------------------|----------------------------|---------------------------------|---------------------------|---------------------------------|
| Well HMU 6-13AA 6-13AA | Field Mamm Creek | Job Start Aug/19/2013 | Customer Encana | Job Number CFAO-00867 |
|----------------------------------|----------------------------|---------------------------------|---------------------------|---------------------------------|

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 1200 | Breakdown | Type | Volume | Density | |
| Avg. N2 Percent | Designed Slurry Volume | | Displacement | Mix Water Temp | Cement Circulated to Surface? <input checked="" type="checkbox"/> | Volume | | |
| | | | | | Washed Thru Perfs <input type="checkbox"/> | To | | |
| Customer or Authorized Representative | | | Schlumberger Supervisor | | | Circulation Lost <input type="checkbox"/> | Job Completed <input checked="" type="checkbox"/> | |
| Tony Kettering | | | Cole Fairbrook/Travis Willardson | | | - | - | |

Service Quality Evaluation

| | |
|----------------------|---------------|
| Client: | Encana |
| Field: | Mamm Creek |
| Rig: | Nabors M 15 |
| Well: | HMU 6-13AA |
| Service Line: | Cementing |
| Job Type: | 9 5/8 Surface |

| | |
|-------------------------------|----------------------------------|
| Service Order #: | 1 |
| Date: | Aug/19/2013 |
| Operating Time: | 0.0 |
| Client Rep: | Encana |
| Schlumberger Engineer: | Cole Fairbrook/Travis Willardson |
| Schlumberger FSM: | |

Main Objective:

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

| | | Score | Yes / No | | Result |
|-----------|--|-------|------------------------------|--|--------|
| 1 | HSE | | | | |
| 1a | Free of lost time injury and compliance with SLB and loc. spec. HSE practice | 5 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0 |
| 1b | Free of environmental spill or non-compliant discharge | 5 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0 |
| 1c | Free of RIRs | 5 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0 |
| 1d | Wellsite left clean | 4 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0 |
| Sub-total | | | | | 0% |

| | | | | | |
|-----------|--|---|------------------------------|--|----|
| 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% |

| | | | | | |
|-----------|--|---|------------------------------|--|----|
| 3 | Execution | | | | |
| 3a | Lost time < 30 mins | 3 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0 |
| 3b | Equipment pressure tested successfully | 3 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0 |
| 3c | All key parameters monitored and recorded accurately (Pressure, Rate, Density) | 2 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0 |
| 3d | Plugs / darts released and tested successfully | 2 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0 |
| 3e | Density variation met expectations | 2 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0 |
| 3f | Personnel performed as per expectations | 2 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0 |
| 3g | Equipment performed as per expectations | 2 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0 |
| 3h | Job pumped per design | 3 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0 |
| 3i | Did job start on time | 2 | yes <input type="checkbox"/> | no <input checked="" type="checkbox"/> | 0 |
| 3j | Free of Operational failures (screen out, Cementing Example, etc.) | 3 | 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% |

Total 0%

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

| | |
|--------------------------|--------------------------------|
| Client: | Schlumberger: |
| | |
| Client Signature: | Schlumberger Signature: |