



# Cementing Service Report

|  |                        |                                     |                     | Customer<br>Encana   |               | Job Number<br>B708-00380       |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
|--|------------------------|-------------------------------------|---------------------|--|---------------|--------------------------------|--|---------------|------------------------|-----------------------------|---------------------|-----------------|---------------|---------|------------|----------|-----|-----|------|-----|---------------------|------------|----------|-----|-----|------|-----|------------|----------|-----|-----|------|-----|------------|----------|-----|-----|------|-----|--|------------|----------|-----|-----|------|-----|--|------------|----------|-----|-----|------|-----|--|------------|----------|-----|-----|------|-----|--|------------|----------|-----|-----|------|-----|--|------------|----------|-----|-----|------|-----|--|------------|----------|-----|-----|------|-----|--|------------|----------|-----|-----|------|-----|--|------------|----------|-----|-----|------|-----|--|------------|----------|-----|-----|------|-----|--|------------|----------|-----|-----|------|-----|--|------------|----------|-----|-----|------|-----|--|------------|----------|-----|-----|------|-----|--|------------|----------|------|-----|------|-----|--|------------|----------|-----|-----|------|-----|--|------------|----------|------|-----|------|-----|---------------------|------------|----------|------|-----|------|-----|------------|----------|-----|-----|------|-----|-------------------|
| Well<br>Encana Fee 3-16  |                        | Location (legal)                    |                     | Schlumberger Location  |               | Job Start<br>Mar/09/2011       |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Field<br>Mamm Creek  |                        | Formation Name/Type<br>Shale        |                     | Deviation<br>deg   |               | Well MD<br>1327.0 ft           |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| County<br>Garfield   |                        | State/Province<br>Colorado          |                     | Bit Size<br>12.3 in  |               | Well TVD<br>1327.0 ft          |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Well Master<br>0631257997  |                        | API/UWI                             |                     | BHP<br>psi   |               | BHST<br>94 degF                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Rig Name<br>M13  |                        | Drilled For<br>Gas                  |                     | Service Via<br>Land  |               | BHCT<br>81 degF                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Offshore Zone  |                        | Well Class<br>New                   |                     | Well Type<br>Exploration   |               | Pore Press. Gradient<br>lb/gal |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Drilling Fluid Type<br>Bentonite   |                        | Max. Density<br>lb/gal              |                     | Plastic Viscosity<br>cP  |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Service Line<br>Cementing  |                        | Job Type<br>9 5/8 Surface           |                     |  |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Max. Allowed Tub. Press<br>3520 psi  |                        | Max. Allowed Ann. Press<br>2030 psi |                     | WH Connection<br>9 5/8   |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Service Instructions<br>Cement 9 5/8" Surface Casing<br>20 bbl H2O<br>137 bbl 15.8 G   |                        |                                     |                     | Casing/Liner   |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
|  |                        |                                     |                     | Depth, ft  |               | Size, in                       |  | Weight, lb/ft |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
|  |                        |                                     |                     | 40.0   |               | 16.0                           |  | 65.0          |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
|  |                        |                                     |                     | 1327.0   |               | 9.6                            |  | 36.0          |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
|  |                        |                                     |                     | Grade  |               | Thread                         |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| N/A  |                        | N/A                                 |                     |  |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
|  |                        |                                     |                     | Tubing/Drill Pipe  |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| T/D  |                        | Depth, ft                           |                     | Size, in   |               | Weight, lb/ft                  |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
|  |                        |                                     |                     |  |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Grade  |                        | Thread                              |                     |  |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
|  |                        |                                     |                     |  |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
|  |                        |                                     |                     | Perforations/Open Hole   |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Top, ft  |                        | Bottom, ft                          |                     | shot/ft  |               | No. of Shots                   |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| ft   |                        | ft                                  |                     |  |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| ft   |                        | ft                                  |                     |  |               | Total Interval<br>ft           |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| ft   |                        | ft                                  |                     |  |               | Diameter<br>in                 |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
|  |                        |                                     |                     |  |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Treat Down<br>Casing   |                        | Displacement<br>99.0 bbl            |                     | Packer Type  |               | Packer Depth<br>ft             |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Tubing Vol.<br>bbl   |                        | Casing Vol.<br>102.0 bbl            |                     | Annular Vol.<br>77.0 bbl   |               | Openhole Vol.<br>183.0 bbl     |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Casing/Tubing Secured <input checked="" type="checkbox"/>  |                        |                                     |                     | 1 Hole Vol. Circulated prior to Cement <input checked="" type="checkbox"/> |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Lift Pressure<br>657 psi   |                        |                                     |                     | Casing Tools   |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Pipe Rotated <input type="checkbox"/>  |                        |                                     |                     | Squeeze Job  |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Pipe Reciprocated <input type="checkbox"/>   |                        |                                     |                     | Shoe Type<br>Guide   |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Shoe Depth<br>1327.0 ft  |                        |                                     |                     | Squeeze Type   |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| No. Centralizers<br>18   |                        |                                     |                     | Top Plugs<br>1   |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Bottom Plugs<br>0  |                        |                                     |                     | Tool Type  |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Stage Tool Type  |                        |                                     |                     | Tool Depth<br>ft   |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Stage Tool Depth<br>ft   |                        |                                     |                     | Tail Pipe Size<br>in   |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Collar Type<br>Float   |                        |                                     |                     | Tail Pipe Depth<br>ft  |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| Collar Depth<br>1285.0 ft  |                        |                                     |                     | Sqz. Total Vol.<br>bbl   |               |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| <table border="1"> <thead> <tr> <th>Date</th> <th>Time<br/>24-hr<br/>clock</th> <th>Treating<br/>Pressure<br/>PSI</th> <th>Flow<br/>Rate<br/>B/M</th> <th>Density<br/>LB/G</th> <th>Volume<br/>BBL</th> <th>Message</th> </tr> </thead> <tbody> <tr><td>03/09/2011</td><td>22:42:22</td><td>-98</td><td>0.0</td><td>8.40</td><td>0.0</td><td rowspan="3">Started Acquisition</td></tr> <tr><td>03/09/2011</td><td>22:44:02</td><td>-97</td><td>0.0</td><td>8.40</td><td>0.0</td></tr> <tr><td>03/09/2011</td><td>22:45:42</td><td>-97</td><td>0.0</td><td>8.40</td><td>0.0</td></tr> <tr><td>03/09/2011</td><td>22:47:22</td><td>-97</td><td>0.0</td><td>8.40</td><td>0.1</td><td></td></tr> <tr><td>03/09/2011</td><td>22:49:02</td><td>-97</td><td>0.0</td><td>8.40</td><td>0.1</td><td></td></tr> <tr><td>03/09/2011</td><td>22:50:42</td><td>-97</td><td>0.0</td><td>8.40</td><td>0.1</td><td></td></tr> <tr><td>03/09/2011</td><td>22:52:22</td><td>-98</td><td>0.0</td><td>8.40</td><td>0.1</td><td></td></tr> <tr><td>03/09/2011</td><td>22:54:02</td><td>-97</td><td>0.0</td><td>8.40</td><td>0.1</td><td></td></tr> <tr><td>03/09/2011</td><td>22:55:42</td><td>-96</td><td>0.0</td><td>8.40</td><td>0.1</td><td></td></tr> <tr><td>03/09/2011</td><td>22:57:22</td><td>-97</td><td>0.0</td><td>8.40</td><td>0.2</td><td></td></tr> <tr><td>03/09/2011</td><td>22:59:02</td><td>-97</td><td>0.0</td><td>8.40</td><td>0.2</td><td></td></tr> <tr><td>03/09/2011</td><td>23:00:42</td><td>-97</td><td>0.0</td><td>8.40</td><td>0.2</td><td></td></tr> <tr><td>03/09/2011</td><td>23:02:22</td><td>-97</td><td>0.0</td><td>8.40</td><td>0.2</td><td></td></tr> <tr><td>03/09/2011</td><td>23:04:02</td><td>-97</td><td>0.0</td><td>8.40</td><td>0.2</td><td></td></tr> <tr><td>03/09/2011</td><td>23:05:42</td><td>-97</td><td>0.0</td><td>8.40</td><td>0.2</td><td></td></tr> <tr><td>03/09/2011</td><td>23:07:22</td><td>-97</td><td>0.0</td><td>8.40</td><td>0.3</td><td></td></tr> <tr><td>03/09/2011</td><td>23:09:02</td><td>-100</td><td>0.0</td><td>8.40</td><td>0.3</td><td></td></tr> <tr><td>03/09/2011</td><td>23:10:42</td><td>-82</td><td>0.0</td><td>8.39</td><td>2.2</td><td></td></tr> <tr><td>03/09/2011</td><td>23:11:39</td><td>1024</td><td>0.0</td><td>8.40</td><td>2.3</td><td rowspan="2">Pressure Test Lines</td></tr> <tr><td>03/09/2011</td><td>23:11:45</td><td>1021</td><td>0.0</td><td>8.40</td><td>2.3</td></tr> <tr><td>03/09/2011</td><td>23:12:22</td><td>999</td><td>0.0</td><td>8.40</td><td>2.3</td><td>500 psi test good</td></tr> </tbody> </table> |                        |                                     |                     |  |               |                                |  | 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 | 03/09/2011 | 22:42:22 | -98 | 0.0 | 8.40 | 0.0 | Started Acquisition | 03/09/2011 | 22:44:02 | -97 | 0.0 | 8.40 | 0.0 | 03/09/2011 | 22:45:42 | -97 | 0.0 | 8.40 | 0.0 | 03/09/2011 | 22:47:22 | -97 | 0.0 | 8.40 | 0.1 |  | 03/09/2011 | 22:49:02 | -97 | 0.0 | 8.40 | 0.1 |  | 03/09/2011 | 22:50:42 | -97 | 0.0 | 8.40 | 0.1 |  | 03/09/2011 | 22:52:22 | -98 | 0.0 | 8.40 | 0.1 |  | 03/09/2011 | 22:54:02 | -97 | 0.0 | 8.40 | 0.1 |  | 03/09/2011 | 22:55:42 | -96 | 0.0 | 8.40 | 0.1 |  | 03/09/2011 | 22:57:22 | -97 | 0.0 | 8.40 | 0.2 |  | 03/09/2011 | 22:59:02 | -97 | 0.0 | 8.40 | 0.2 |  | 03/09/2011 | 23:00:42 | -97 | 0.0 | 8.40 | 0.2 |  | 03/09/2011 | 23:02:22 | -97 | 0.0 | 8.40 | 0.2 |  | 03/09/2011 | 23:04:02 | -97 | 0.0 | 8.40 | 0.2 |  | 03/09/2011 | 23:05:42 | -97 | 0.0 | 8.40 | 0.2 |  | 03/09/2011 | 23:07:22 | -97 | 0.0 | 8.40 | 0.3 |  | 03/09/2011 | 23:09:02 | -100 | 0.0 | 8.40 | 0.3 |  | 03/09/2011 | 23:10:42 | -82 | 0.0 | 8.39 | 2.2 |  | 03/09/2011 | 23:11:39 | 1024 | 0.0 | 8.40 | 2.3 | Pressure Test Lines | 03/09/2011 | 23:11:45 | 1021 | 0.0 | 8.40 | 2.3 | 03/09/2011 | 23:12:22 | 999 | 0.0 | 8.40 | 2.3 | 500 psi test good |
| 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                        |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 22:42:22               | -98                                 | 0.0                 | 8.40   | 0.0           | Started Acquisition            |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 22:44:02               | -97                                 | 0.0                 | 8.40   | 0.0           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 22:45:42               | -97                                 | 0.0                 | 8.40   | 0.0           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 22:47:22               | -97                                 | 0.0                 | 8.40   | 0.1           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 22:49:02               | -97                                 | 0.0                 | 8.40   | 0.1           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 22:50:42               | -97                                 | 0.0                 | 8.40   | 0.1           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 22:52:22               | -98                                 | 0.0                 | 8.40   | 0.1           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 22:54:02               | -97                                 | 0.0                 | 8.40   | 0.1           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 22:55:42               | -96                                 | 0.0                 | 8.40   | 0.1           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 22:57:22               | -97                                 | 0.0                 | 8.40   | 0.2           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 22:59:02               | -97                                 | 0.0                 | 8.40   | 0.2           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 23:00:42               | -97                                 | 0.0                 | 8.40   | 0.2           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 23:02:22               | -97                                 | 0.0                 | 8.40   | 0.2           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 23:04:02               | -97                                 | 0.0                 | 8.40   | 0.2           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 23:05:42               | -97                                 | 0.0                 | 8.40   | 0.2           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 23:07:22               | -97                                 | 0.0                 | 8.40   | 0.3           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 23:09:02               | -100                                | 0.0                 | 8.40   | 0.3           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 23:10:42               | -82                                 | 0.0                 | 8.39   | 2.2           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 23:11:39               | 1024                                | 0.0                 | 8.40   | 2.3           | Pressure Test Lines            |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 23:11:45               | 1021                                | 0.0                 | 8.40   | 2.3           |                                |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |
| 03/09/2011   | 23:12:22               | 999                                 | 0.0                 | 8.40   | 2.3           | 500 psi test good              |  |               |                        |                             |                     |                 |               |         |            |          |     |     |      |     |                     |            |          |     |     |      |     |            |          |     |     |      |     |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |  |            |          |     |     |      |     |  |            |          |      |     |      |     |                     |            |          |      |     |      |     |            |          |     |     |      |     |                   |

| Well            |                        |                             | Field               | Job Start       | Customer      | Job Number               |
|-----------------|------------------------|-----------------------------|---------------------|-----------------|---------------|--------------------------|
| Encana Fee 3-16 |                        |                             | Mamm Creek          | Mar/09/2011     | Encana        | B708-00380               |
| Date            | Time<br>24-hr<br>clock | Treating<br>Pressure<br>PSI | Flow<br>Rate<br>B/H | Density<br>LB/G | Volume<br>BBL | Message                  |
| 03/09/2011      | 23:13:52               | 3007                        | 0.0                 | 8.40            | 2.3           | 3000 psi test good       |
| 03/09/2011      | 23:14:02               | 3001                        | 0.0                 | 8.40            | 2.3           |                          |
| 03/09/2011      | 23:15:00               | -89                         | 1.2                 | 8.40            | 2.4           | Start Pumping Spacer     |
| 03/09/2011      | 23:15:03               | -50                         | 1.6                 | 8.40            | 2.4           | 20 bbl H2O ahead         |
| 03/09/2011      | 23:15:42               | -7                          | 3.4                 | 8.40            | 4.0           |                          |
| 03/09/2011      | 23:16:03               | 1                           | 3.4                 | 8.39            | 5.2           | Good returns             |
| 03/09/2011      | 23:17:22               | 2                           | 3.4                 | 8.40            | 9.7           |                          |
| 03/09/2011      | 23:19:02               | 29                          | 3.4                 | 8.39            | 15.5          |                          |
| 03/09/2011      | 23:20:27               | 24                          | 3.4                 | 8.39            | 20.3          | End Spacer               |
| 03/09/2011      | 23:20:31               | 26                          | 3.4                 | 8.39            | 20.6          | Start Cement Slurry      |
| 03/09/2011      | 23:20:33               | 16                          | 3.5                 | 8.39            | 20.7          | Start Mixing Scav Slurry |
| 03/09/2011      | 23:20:35               | 9                           | 3.9                 | 9.03            | 20.8          | Bring to weight          |
| 03/09/2011      | 23:20:42               | 19                          | 3.5                 | 15.36           | 21.2          |                          |
| 03/09/2011      | 23:21:53               | 321                         | 4.4                 | 15.71           | 25.8          | End Scavenger Slurry     |
| 03/09/2011      | 23:21:54               | 54                          | 4.3                 | 15.71           | 25.9          | Start Mixing Tail Slurry |
| 03/09/2011      | 23:21:55               | 54                          | 4.3                 | 15.71           | 26.0          | 137 bbl 15.8 Tail        |
| 03/09/2011      | 23:21:56               | 188                         | 4.3                 | 15.72           | 26.1          | Took wet/dry samples     |
| 03/09/2011      | 23:22:22               | 169                         | 4.5                 | 15.75           | 28.0          |                          |
| 03/09/2011      | 23:24:02               | 154                         | 4.6                 | 15.82           | 35.6          |                          |
| 03/09/2011      | 23:25:42               | 154                         | 4.6                 | 15.84           | 43.2          |                          |
| 03/09/2011      | 23:27:22               | 172                         | 4.6                 | 15.86           | 50.8          |                          |
| 03/09/2011      | 23:29:02               | 181                         | 4.6                 | 15.87           | 58.5          |                          |
| 03/09/2011      | 23:30:42               | 168                         | 4.6                 | 15.88           | 66.1          |                          |
| 03/09/2011      | 23:32:22               | 79                          | 4.5                 | 15.88           | 73.7          |                          |
| 03/09/2011      | 23:34:02               | 151                         | 4.6                 | 15.86           | 81.3          |                          |
| 03/09/2011      | 23:35:42               | 161                         | 4.6                 | 15.89           | 88.9          |                          |
| 03/09/2011      | 23:37:22               | 165                         | 4.6                 | 15.88           | 96.6          |                          |
| 03/09/2011      | 23:39:02               | 151                         | 4.6                 | 15.85           | 104.2         |                          |
| 03/09/2011      | 23:40:42               | 127                         | 4.3                 | 15.92           | 111.6         |                          |
| 03/09/2011      | 23:42:22               | 133                         | 4.3                 | 15.79           | 118.8         |                          |
| 03/09/2011      | 23:44:02               | 153                         | 4.6                 | 15.55           | 126.2         |                          |
| 03/09/2011      | 23:45:42               | 164                         | 4.6                 | 15.73           | 133.8         |                          |
| 03/09/2011      | 23:47:22               | 165                         | 4.6                 | 15.84           | 141.4         |                          |
| 03/09/2011      | 23:49:02               | 163                         | 4.6                 | 15.89           | 149.1         |                          |
| 03/09/2011      | 23:50:42               | 134                         | 4.6                 | 15.84           | 156.7         |                          |
| 03/09/2011      | 23:51:00               | -96                         | 0.0                 | 23.82           | 157.8         | End Cement Slurry        |
| 03/09/2011      | 23:51:01               | -94                         | 0.0                 | 25.00           | 157.8         | End Tail Slurry          |
| 03/09/2011      | 23:51:09               | -92                         | 0.0                 | 25.00           | 157.8         | Drop Top Plug            |
| 03/09/2011      | 23:51:10               | -92                         | 0.0                 | 25.00           | 157.8         | Start Displacement       |
| 03/09/2011      | 23:51:12               | -84                         | 0.0                 | 25.00           | 157.8         | Displace 99 bbl H2O      |
| 03/09/2011      | 23:52:22               | -54                         | 25.0                | 0.22            | 175.2         |                          |
| 03/09/2011      | 23:54:02               | -72                         | 0.0                 | 0.09            | 192.2         |                          |
| 03/09/2011      | 23:55:42               | -58                         | 2.2                 | 9.57            | 198.4         |                          |
| 03/09/2011      | 23:57:16               | 6                           | 3.4                 | 8.96            | 202.8         | Good returns             |
| 03/09/2011      | 23:57:22               | 3                           | 3.4                 | 8.95            | 203.2         |                          |
| 03/09/2011      | 23:59:02               | -1                          | 3.5                 | 8.57            | 208.9         |                          |
| 03/10/2011      | 00:00:42               | 17                          | 4.6                 | 8.50            | 216.2         |                          |
| 03/10/2011      | 00:02:22               | 84                          | 4.5                 | 8.21            | 223.9         |                          |
| 03/10/2011      | 00:04:02               | 152                         | 4.6                 | 8.21            | 231.5         |                          |
| 03/10/2011      | 00:05:42               | 185                         | 4.6                 | 8.35            | 239.1         |                          |
| 03/10/2011      | 00:07:22               | 254                         | 4.6                 | 8.38            | 246.7         |                          |
| 03/10/2011      | 00:09:02               | 321                         | 4.6                 | 8.38            | 254.3         |                          |
| 03/10/2011      | 00:09:30               | 323                         | 4.6                 | 8.38            | 256.4         | 59 bbl cement to surface |
| 03/10/2011      | 00:10:42               | 364                         | 4.6                 | 8.38            | 261.8         |                          |

| Well<br>Encana Fee 3-16 |                        |                             | Field<br>Mamm Creek |                     | Job Start<br>Mar/09/2011 | Customer<br>Encana |                        | Job Number<br>B708-00380 |
|-------------------------|------------------------|-----------------------------|---------------------|---------------------|--------------------------|--------------------|------------------------|--------------------------|
| 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                |                          |
| 03/10/2011              | 00:14:02               | 425                         |                     | 4.5                 | 8.38                     | 277.0              |                        |                          |
| 03/10/2011              | 00:15:42               | 433                         |                     | 4.1                 | 8.38                     | 284.5              |                        |                          |
| 03/10/2011              | 00:17:22               | 445                         |                     | 4.0                 | 8.38                     | 291.3              |                        |                          |
| 03/10/2011              | 00:19:02               | 428                         |                     | 2.0                 | 8.38                     | 295.9              |                        |                          |
| 03/10/2011              | 00:20:42               | 424                         |                     | 2.1                 | 8.38                     | 299.3              |                        |                          |
| 03/10/2011              | 00:21:37               | 1011                        |                     | 0.0                 | 8.39                     | 300.9              | End Displacement       |                          |
| 03/10/2011              | 00:21:38               | 1011                        |                     | 0.0                 | 8.39                     | 300.9              | Bump Top Plug          |                          |
| 03/10/2011              | 00:21:39               | 1011                        |                     | 0.0                 | 8.39                     | 300.9              | Bumped plug @ 1000 psi |                          |
| 03/10/2011              | 00:22:22               | 989                         |                     | 0.0                 | 8.39                     | 300.9              |                        |                          |
| 03/10/2011              | 00:24:02               | 947                         |                     | 0.0                 | 8.39                     | 300.9              |                        |                          |
| 03/10/2011              | 00:25:42               | -95                         |                     | 0.0                 | 8.39                     | 300.9              |                        |                          |
| 03/10/2011              | 00:25:48               | -94                         |                     | 0.0                 | 8.39                     | 300.9              | 1/2 bbl H2O back       |                          |

### Post Job Summary

| Average Pump Rates, bbl/min                            |                                     |                |                          |                           | Volume of Fluid Injected, bbl  |                    |  |  |
|--|-------------------------------------|----------------|--------------------------|---------------------------|--|--------------------|--|--|
| Slurry<br>2.9  | N2                                  | Mud            | Maximum Rate<br>25.0     | Total Slurry<br>137.0     | Mud<br>0.0   | Spacer<br>20.0     | N2   |  |
| Treating Pressure Summary, psi                         |                                     |                |                          |                           | Breakdown Fluid  |                    |  |  |
| Maximum<br>3126  | Final<br>-94                        | Average<br>325 | Bump Plug to<br>1000     | Breakdown                 | Type   | Volume<br>bbl      | Density<br>lb/gal                                    |  |
| Avg. N2 Percent<br>%                                   | Designed Slurry Volume<br>137.0 bbl |                | Displacement<br>98.0 bbl | Mix Water Temp<br>70 degF | Cement Circulated to Surface?<br><input checked="" type="checkbox"/> | Volume<br>59.0 bbl |  |  |
| Customer or Authorized Representative<br>Vlad Kochetov |                                     |                |                          |                           | Washed Thru Perfs<br><input type="checkbox"/>                        |                    | To<br>ft   |  |
|  |                                     |                |                          |                           | Circulation Lost<br><input type="checkbox"/>                         |                    | Job Completed<br><input checked="" type="checkbox"/> |  |
| Schlumberger Supervisor<br>Matt Fair                   |                                     |                |                          |                           |  |                    |  |  |



# Service Quality Evaluation

|                      |                 |
|----------------------|-----------------|
| <b>Client:</b>       | Encana          |
| <b>Field:</b>        | Mamm Creek      |
| <b>Rig:</b>          | M13             |
| <b>Well:</b>         | Encana Fee 3-16 |
| <b>Service Line:</b> | Cementing       |
| <b>Job Type:</b>     | 9 5/8 Surface   |

|                                |               |
|--------------------------------|---------------|
| <b>Service Order #:</b>        |               |
| <b>Date:</b>                   | Mar/09/2011   |
| <b>Operating Time (hh:mm):</b> | 00:00         |
| <b>Client Rep:</b>             | Vlad Kochetov |
| <b>Schlumberger Engineer:</b>  | Matt Fair     |
| <b>Schlumberger FSM:</b>       |               |

**Main Objective:**

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

|           |  | Score | Yes / No                                |                             | Result |
|-----------|--|-------|---|-----------------------------|--------|
| <b>1</b>  | <b>HSE</b>   |       |   |                             |        |
| 1a        | Free of lost time injury and compliance with SLB and loc. spec. HSE practice | 5     | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 5      |
| 1b        | Free of environmental spill or non-compliant discharge                       | 5     | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 5      |
| 1c        | Wellsite left clean  | 4     | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 4      |
| Sub-total |  |       |   |                             | 100%   |

|           |  |   |   |                             |      |
|-----------|--|---|---|-----------------------------|------|
| <b>2</b>  | <b>Design / Preparation</b>  |   |   |                             |      |
| 2a        | Program incl. job simulation (CemCADE) & pump schedule / tool hydraulic calcs  | 3 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 3    |
| 2b        | Equipment maintenance schedule completed / Green tagged                        | 2 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 2    |
| 2c        | All materials and equipment required for job/contingency checked & on location | 2 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 2    |
| 2d        | Safety / pre-job meeting conducted with all involved present                   | 2 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 2    |
| Sub-total |  |   |   |                             | 100% |

|           |  |   |   |                             |      |
|-----------|--|---|---|-----------------------------|------|
| <b>3</b>  | <b>Execution</b>   |   |   |                             |      |
| 3a        | Lost time < 30 mins  | 3 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 3    |
| 3b        | Equipment pressure tested successfully   | 3 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 3    |
| 3c        | All key parameters monitored and recorded accurately (Pressure, Rate, Density) | 2 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 2    |
| 3d        | Plugs / darts released and tested successfully                                 | 2 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 2    |
| 3e        | Density variation met expectations   | 2 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 2    |
| 3f        | Personnel performed as per expectations  | 2 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 2    |
| 3g        | Equipment performed as per expectations  | 2 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 2    |
| 3h        | Job pumped as per design   | 3 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 3    |
| 3i        | Did job start on time  | 2 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 2    |
| 3j        | Free of Operational failures (screen out, Cementing Example, etc.)             | 3 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 3    |
| Sub-total |  |   |   |                             | 100% |

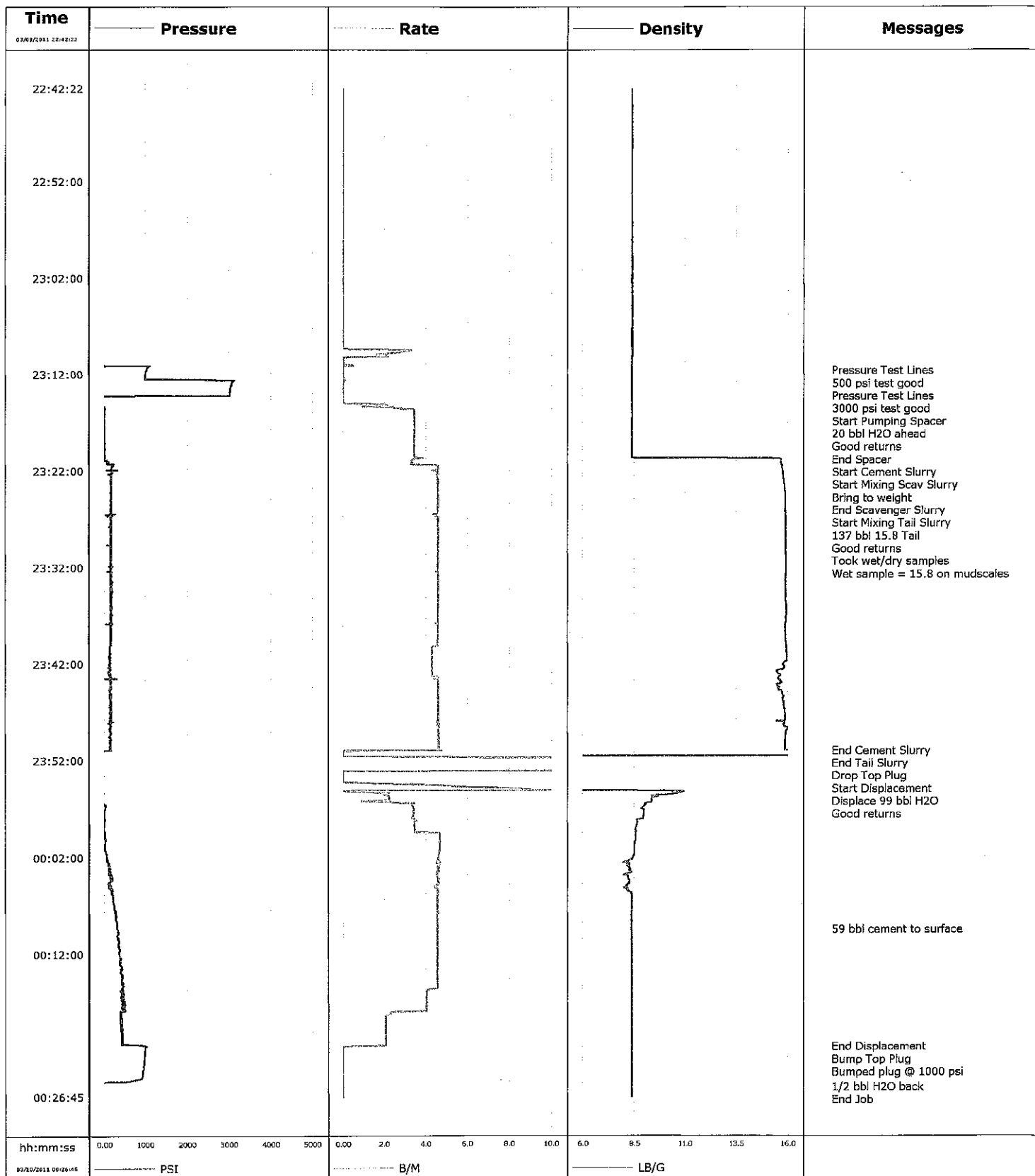
|           |   |    |   |                             |      |
|-----------|---|----|---|-----------------------------|------|
| <b>4</b>  | <b>Evaluation</b>   |    |   |                             |      |
| 4a        | Main job objective achieved with no consequential non-productive time | 10 | yes <input checked="" type="checkbox"/> | no <input type="checkbox"/> | 10   |
| Sub-total |   |    |   |                             | 100% |

**Total** 100%

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

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

|                 |                 |                 |               |
|-----------------|-----------------|-----------------|---------------|
| <b>Well</b>     | Encana Fee 3-16 | <b>Client</b>   | Encana        |
| <b>Field</b>    | Mamm Creek      | <b>SIR No.</b>  | B708-00380    |
| <b>Engineer</b> | Matt Fair       | <b>Job Type</b> | 9 5/8 Surface |
| <b>Country</b>  | United States   | <b>Job Date</b> | 03-09-2011    |



## Cementing Qa/Qc Density Report

|                 |                 |                 |               |
|-----------------|-----------------|-----------------|---------------|
| <b>Well</b>     | Encana Fee 3-16 | <b>Client</b>   | Encana        |
| <b>Field</b>    | Mamm Creek      | <b>SIR No.</b>  | B708-00380    |
| <b>Engineer</b> | Matt Fair       | <b>Job Type</b> | 9 5/8 Surface |
| <b>Country</b>  | United States   | <b>Job Date</b> | 03-09-2011    |

Cement Slurry - 03/09/2011 23:20:31 to 03/09/2011 23:51:00

