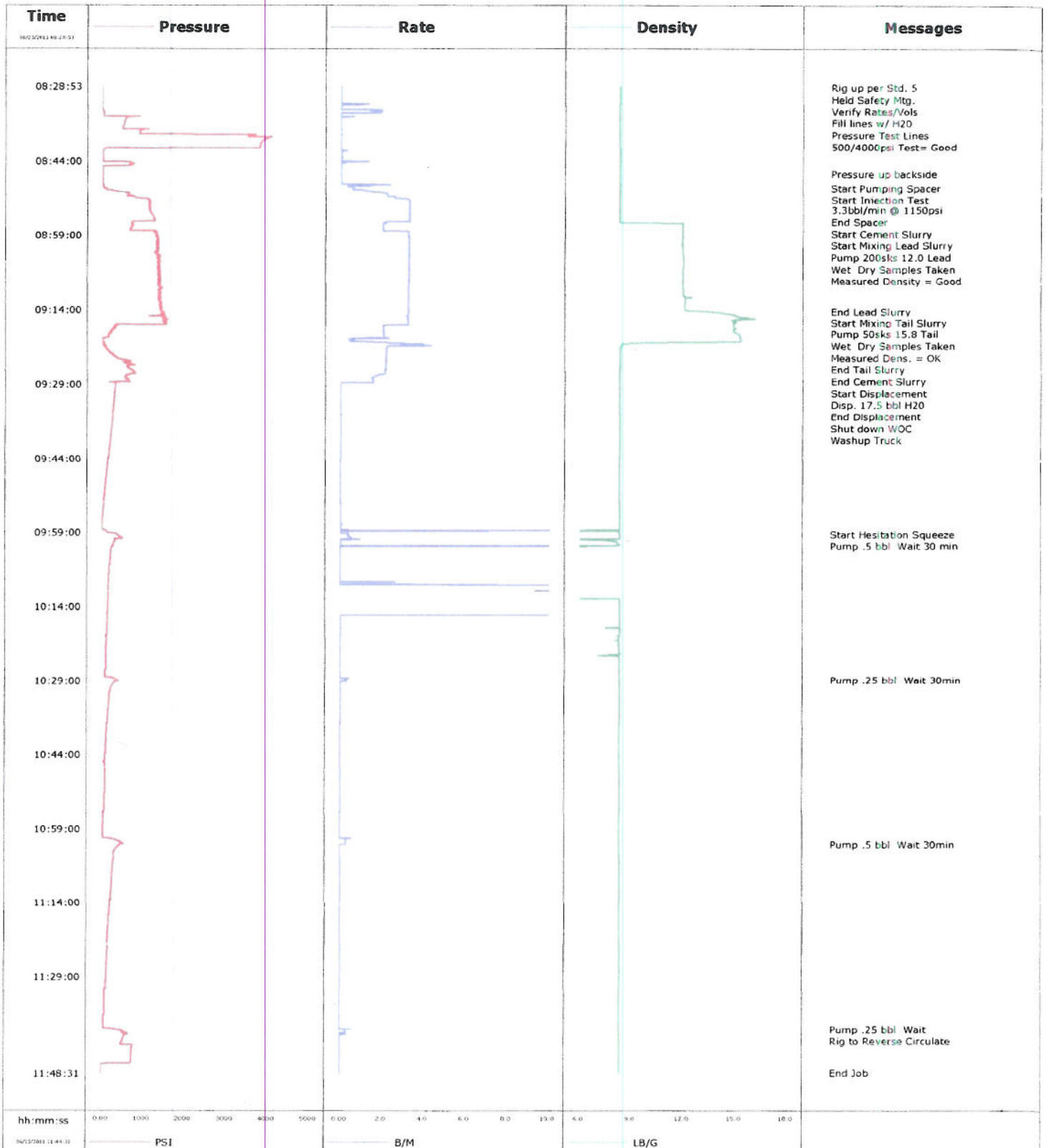


| | | | |
|-----------------|----------------|-----------------|----------------|
| Well | Federal 25-7BB | Client | Encana Oil Gas |
| Field | Parachute | SIR No. | 594838 |
| Engineer | B. Famham | Job Type | Squeeze |
| Country | United States | Job Date | 6-23-2011 |



Cementing Service Report

| | | | | Customer Encana Oil & Gas | | | Job Number 594838 | |
|--|---|-------------------------------------|--------------------------|---|----------------------|-----------------------|--------------------------------|--------|
| Well Federal 25-76B | | Location (legal) PH30 | | Schlumberger Location Grand Junction | | | Job Start Jun/23/2011 | |
| Field Parachute | | Formation Name/Type | | Deviation deg | BIT Size in | Well HD 4690.0 ft | Well TVD ft | |
| County Garfield | | State/Province Colorado | | BHP psi | BHST 144 degF | BHCT 105 degF | Pore Press. Gradient lb/gal | |
| Well Master 0631162213 | | API/UWI | | | | | | |
| Rig Name MWS Workover | Drilled For gas | Service Via land | | Casing/Liner | | | | |
| Offshore Zone | Well Class Old | Well Type Workover | | Depth, ft 6000.0 | Size, in 4.5 | Weight, lb/ft 11.6 | Grade | Thread |
| Drilling Fluid Type None | Max. Density 0.00 lb/gal | Plastic Viscosity 0.000 cP | | Tubing/Drill Pipe | | | | |
| Service Line Cementing | Job Type Squeeze | T/D | Depth, ft 4690.0 | Size, in 2.4 | Weight, lb/ft 4.7 | Grade | Thread | |
| Max. Allowed Tub. Press 45000 psi | Max. Allowed Ann. Press 1500 psi | WH Connection Swadge - 2 3/8" | | Perforations/Open Hole | | | | |
| Service Instructions Pump 200sks (64bbl) 12.0 Lead Pump 50sks (10bbl) 15.8 Tail Displace 17.5bbl H2O Squeeze | Top, ft | Bottom, ft | shot/ft | No. of Shots | Total Interval ft | | | |
| | ft | ft | | | Diameter in | | | |
| | ft | ft | | | | | | |
| | Treat Down Tubing | Displacement 17.5 bbl | Packer Type | Packer Depth ft | | | | |
| Tubing Vol. 17.5 bbl | Casing Vol. 0.0 bbl | Annular Vol. 0.0 bbl | Openhole Vol. 0.0 bbl | | | | | |
| Casing/Tubing Secured <input checked="" type="checkbox"/> | 1 Hole Vol. Circulated prior to Cement <input type="checkbox"/> | Casing Tools | | | Squeeze Job | | | |
| LIFT Pressure 0 psi | Shoe Type None | Squeeze Type Running | | | | | | |
| Pipe Rotated <input type="checkbox"/> | Pipe Reciprocated <input type="checkbox"/> | Shoe Depth ft | Tool Type Retainer | | | | | |
| No. Centralizers | Top Plugs | Bottom Plugs | Stage Tool Type | Tool Depth 4703.0 ft | | | | |
| Cement Head Type Single | Stage Tool Depth ft | Tail Pipe Size 1.000 in | | | | | | |
| Job Scheduled For Jun/23/2011 06:00 | Arrived on Location Jun/23/2011 06:00 | Leave Location Jun/23/2011 12:00 | Collar Type None | Tail Pipe Depth ft | | | | |
| Collar Depth ft | Sqz. Total Vol. bbl | | | | | | | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/N | Density LB/G | Volume BBL | Message | | |
| 06/23/2011 | 08:28:53 | -2 | 0.0 | 8.34 | 0.0 | Started Acquisition | | |
| 06/23/2011 | 08:29:05 | -2 | 0.0 | 8.34 | 0.0 | Rig up per Std. 5 | | |
| 06/23/2011 | 08:29:06 | -2 | 0.0 | 8.34 | 0.0 | Fill lines w/ H2O | | |
| 06/23/2011 | 08:29:23 | -2 | 0.0 | 8.34 | 0.0 | | | |
| 06/23/2011 | 08:29:53 | -2 | 0.0 | 8.34 | 0.0 | | | |
| 06/23/2011 | 08:30:23 | -2 | 0.0 | 8.34 | 0.0 | | | |
| 06/23/2011 | 08:30:53 | -3 | 0.0 | 8.34 | 0.0 | | | |
| 06/23/2011 | 08:31:23 | -3 | 0.0 | 8.34 | 0.0 | | | |
| 06/23/2011 | 08:31:53 | -2 | 0.0 | 8.34 | 0.0 | | | |
| 06/23/2011 | 08:32:23 | 0 | 0.5 | 8.34 | 0.1 | | | |
| 06/23/2011 | 08:32:53 | -3 | 0.0 | 8.34 | 0.4 | | | |
| 06/23/2011 | 08:33:23 | -3 | 0.0 | 8.34 | 0.4 | | | |
| 06/23/2011 | 08:33:53 | 32 | 1.9 | 8.34 | 0.8 | | | |
| 06/23/2011 | 08:34:23 | 46 | 0.0 | 8.34 | 1.6 | | | |
| 06/23/2011 | 08:34:38 | 44 | 0.0 | 8.34 | 1.6 | Pressure Test Lines | | |
| 06/23/2011 | 08:34:53 | 45 | 0.0 | 8.34 | 1.6 | | | |
| 06/23/2011 | 08:35:23 | 577 | 0.0 | 8.34 | 1.6 | | | |
| 06/23/2011 | 08:35:53 | 545 | 0.0 | 8.34 | 1.6 | | | |
| 06/23/2011 | 08:36:23 | 529 | 0.0 | 8.34 | 1.6 | | | |
| 06/23/2011 | 08:36:53 | 511 | 0.0 | 8.34 | 1.6 | | | |
| 06/23/2011 | 08:37:23 | 495 | 0.0 | 8.34 | 1.6 | | | |

| Well | | Field | Job Start | Customer | Job Number | |
|----------------|------------------|-----------------------|---------------|------------------|------------|--------------------------|
| Federal 25-7BB | | Parachute | Jun/23/2011 | Encana Oil & Gas | 594838 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message |
| 06/23/2011 | 08:38:23 | 900 | 0.0 | 8.34 | 1.6 | |
| 06/23/2011 | 08:38:53 | 3529 | 0.0 | 8.34 | 1.6 | |
| 06/23/2011 | 08:39:23 | 3948 | 0.0 | 8.34 | 1.6 | |
| 06/23/2011 | 08:39:53 | 3857 | 0.0 | 8.34 | 1.6 | |
| 06/23/2011 | 08:40:23 | 3821 | 0.0 | 8.34 | 1.6 | |
| 06/23/2011 | 08:40:53 | 3808 | 0.0 | 8.34 | 1.6 | |
| 06/23/2011 | 08:41:23 | 114 | 0.0 | 8.34 | 1.6 | |
| 06/23/2011 | 08:41:53 | 5 | 0.1 | 8.34 | 1.7 | |
| 06/23/2011 | 08:42:23 | 7 | 0.0 | 8.34 | 1.7 | |
| 06/23/2011 | 08:42:53 | 7 | 0.0 | 8.34 | 1.7 | |
| 06/23/2011 | 08:43:23 | 5 | 0.0 | 8.34 | 1.7 | |
| 06/23/2011 | 08:43:53 | 5 | 0.0 | 8.34 | 1.7 | |
| 06/23/2011 | 08:44:23 | 741 | 0.1 | 8.34 | 1.9 | |
| 06/23/2011 | 08:44:53 | 627 | 0.0 | 8.34 | 1.9 | |
| 06/23/2011 | 08:45:23 | 7 | 0.0 | 8.34 | 1.9 | |
| 06/23/2011 | 08:45:53 | 7 | 0.0 | 8.34 | 1.9 | |
| 06/23/2011 | 08:46:23 | 7 | 0.0 | 8.34 | 1.9 | |
| 06/23/2011 | 08:46:35 | 7 | 0.0 | 8.34 | 1.9 | Pressure up backside |
| 06/23/2011 | 08:46:53 | 7 | 0.0 | 8.34 | 1.9 | |
| 06/23/2011 | 08:47:23 | 7 | 0.0 | 8.34 | 1.9 | |
| 06/23/2011 | 08:47:53 | 10 | 0.0 | 8.34 | 1.9 | |
| 06/23/2011 | 08:48:23 | 5 | 0.0 | 8.34 | 1.9 | |
| 06/23/2011 | 08:48:53 | 2 | 1.2 | 8.34 | 2.4 | |
| 06/23/2011 | 08:49:23 | 60 | 0.6 | 8.34 | 2.7 | |
| 06/23/2011 | 08:49:28 | 94 | 0.7 | 8.34 | 2.7 | Start Pumping Spacer |
| 06/23/2011 | 08:49:31 | 83 | 0.6 | 8.34 | 2.8 | Start Injection Test |
| 06/23/2011 | 08:49:53 | 249 | 1.2 | 8.34 | 3.0 | |
| 06/23/2011 | 08:50:23 | 533 | 2.0 | 8.34 | 3.8 | |
| 06/23/2011 | 08:50:53 | 639 | 2.2 | 8.34 | 4.9 | |
| 06/23/2011 | 08:51:23 | 778 | 2.6 | 8.34 | 6.1 | |
| 06/23/2011 | 08:51:53 | 1125 | 3.3 | 8.34 | 7.6 | |
| 06/23/2011 | 08:52:23 | 1149 | 3.3 | 8.34 | 9.3 | |
| 06/23/2011 | 08:52:53 | 1140 | 3.3 | 8.34 | 10.9 | |
| 06/23/2011 | 08:53:23 | 1165 | 3.3 | 8.34 | 12.6 | |
| 06/23/2011 | 08:53:49 | 1156 | 3.3 | 8.34 | 14.0 | 3.3bbl/min @ 1150psi |
| 06/23/2011 | 08:53:53 | 1137 | 3.3 | 8.34 | 14.2 | |
| 06/23/2011 | 08:54:23 | 1169 | 3.3 | 8.34 | 15.9 | |
| 06/23/2011 | 08:54:53 | 1229 | 3.3 | 8.34 | 17.5 | |
| 06/23/2011 | 08:55:23 | 1251 | 3.3 | 8.34 | 19.2 | |
| 06/23/2011 | 08:55:53 | 1267 | 3.3 | 8.34 | 20.8 | |
| 06/23/2011 | 08:56:09 | 744 | 3.3 | 8.34 | 21.7 | End Spacer |
| 06/23/2011 | 08:56:18 | 736 | 2.1 | 8.34 | 22.1 | Start Cement Slurry |
| 06/23/2011 | 08:56:23 | 739 | 2.1 | 8.34 | 22.2 | |
| 06/23/2011 | 08:56:37 | 717 | 2.0 | 11.90 | 22.7 | Start Mixing Lead Slurry |
| 06/23/2011 | 08:56:39 | 704 | 2.0 | 11.95 | 22.8 | Pump 200sks 12.0 Lead |
| 06/23/2011 | 08:56:53 | 746 | 2.0 | 12.00 | 23.3 | |
| 06/23/2011 | 08:57:23 | 700 | 2.0 | 11.99 | 24.3 | |
| 06/23/2011 | 08:57:53 | 693 | 2.1 | 11.98 | 25.3 | |
| 06/23/2011 | 08:58:06 | 1289 | 2.5 | 11.98 | 25.8 | Measured Density = Good |
| 06/23/2011 | 08:58:23 | 1315 | 3.3 | 11.98 | 26.7 | |
| 06/23/2011 | 08:58:53 | 1322 | 3.3 | 11.99 | 28.3 | |
| 06/23/2011 | 08:59:23 | 1295 | 3.3 | 11.98 | 29.9 | |
| 06/23/2011 | 08:59:53 | 1336 | 3.3 | 11.95 | 31.6 | |
| 06/23/2011 | 09:00:23 | 1357 | 3.3 | 11.94 | 33.2 | |

| Well | | Field | Job Start | Customer | Job Number | |
|----------------|------------------|-----------------------|---------------|------------------|------------|--------------------------|
| Federal 25-7BB | | Parachute | Jun/23/2011 | Encana Oil & Gas | 594838 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message |
| 06/23/2011 | 09:01:23 | 1342 | 3.3 | 11.96 | 36.5 | |
| 06/23/2011 | 09:01:53 | 1328 | 3.3 | 11.97 | 38.1 | |
| 06/23/2011 | 09:02:23 | 1327 | 3.3 | 11.99 | 39.7 | |
| 06/23/2011 | 09:02:53 | 1311 | 3.3 | 11.99 | 41.4 | |
| 06/23/2011 | 09:03:23 | 1348 | 3.3 | 12.00 | 43.0 | |
| 06/23/2011 | 09:03:53 | 1370 | 3.3 | 12.01 | 44.6 | |
| 06/23/2011 | 09:04:23 | 1362 | 3.3 | 12.01 | 46.2 | |
| 06/23/2011 | 09:04:53 | 1346 | 3.3 | 12.01 | 47.9 | |
| 06/23/2011 | 09:05:23 | 1338 | 3.3 | 12.00 | 49.5 | |
| 06/23/2011 | 09:05:53 | 1337 | 3.3 | 11.98 | 51.1 | |
| 06/23/2011 | 09:06:23 | 1378 | 3.3 | 11.97 | 52.8 | |
| 06/23/2011 | 09:06:53 | 1373 | 3.3 | 11.97 | 54.4 | |
| 06/23/2011 | 09:07:23 | 1396 | 3.3 | 11.98 | 56.0 | |
| 06/23/2011 | 09:07:53 | 1389 | 3.3 | 11.98 | 57.7 | |
| 06/23/2011 | 09:08:23 | 1386 | 3.3 | 11.99 | 59.3 | |
| 06/23/2011 | 09:08:53 | 1392 | 3.3 | 12.00 | 60.9 | |
| 06/23/2011 | 09:09:23 | 1392 | 3.3 | 12.00 | 62.6 | |
| 06/23/2011 | 09:09:53 | 1421 | 3.3 | 12.00 | 64.2 | |
| 06/23/2011 | 09:10:23 | 1405 | 3.3 | 12.05 | 65.8 | |
| 06/23/2011 | 09:10:53 | 1418 | 3.2 | 12.03 | 67.5 | |
| 06/23/2011 | 09:11:23 | 1406 | 3.2 | 12.15 | 69.1 | |
| 06/23/2011 | 09:11:53 | 1425 | 3.3 | 12.14 | 70.7 | |
| 06/23/2011 | 09:12:23 | 1420 | 3.3 | 12.14 | 72.3 | |
| 06/23/2011 | 09:12:53 | 1443 | 3.3 | 12.14 | 74.0 | |
| 06/23/2011 | 09:13:23 | 1401 | 3.2 | 12.14 | 75.6 | |
| 06/23/2011 | 09:13:53 | 1442 | 3.3 | 12.14 | 77.2 | |
| 06/23/2011 | 09:14:18 | 1445 | 3.2 | 13.23 | 78.6 | End Lead Slurry |
| 06/23/2011 | 09:14:23 | 1462 | 3.3 | 13.60 | 78.9 | |
| 06/23/2011 | 09:14:53 | 1440 | 3.2 | 14.80 | 80.5 | |
| 06/23/2011 | 09:15:23 | 1459 | 3.2 | 15.20 | 82.1 | |
| 06/23/2011 | 09:15:53 | 1546 | 3.2 | 15.76 | 83.7 | |
| 06/23/2011 | 09:16:23 | 1473 | 3.2 | 15.04 | 85.3 | |
| 06/23/2011 | 09:16:27 | 1548 | 3.2 | 15.09 | 85.5 | Start Mixing Tail Slurry |
| 06/23/2011 | 09:16:28 | 1540 | 3.2 | 15.08 | 85.6 | Pump 50sks 15.8 Tail |
| 06/23/2011 | 09:16:53 | 1538 | 3.2 | 14.94 | 86.9 | |
| 06/23/2011 | 09:17:23 | 306 | 2.1 | 14.96 | 88.1 | |
| 06/23/2011 | 09:17:53 | 227 | 2.0 | 15.02 | 89.1 | |
| 06/23/2011 | 09:18:23 | 211 | 2.1 | 14.94 | 90.2 | |
| 06/23/2011 | 09:18:53 | 173 | 2.1 | 15.22 | 91.2 | |
| 06/23/2011 | 09:19:23 | 135 | 2.1 | 15.29 | 92.2 | |
| 06/23/2011 | 09:19:53 | 2 | 0.5 | 15.36 | 93.1 | |
| 06/23/2011 | 09:20:23 | 22 | 1.1 | 15.29 | 93.3 | |
| 06/23/2011 | 09:20:28 | 34 | 1.3 | 14.93 | 93.4 | End Tail Slurry |
| 06/23/2011 | 09:20:30 | 43 | 1.6 | 13.97 | 93.5 | End Cement Slurry |
| 06/23/2011 | 09:20:53 | 55 | 3.7 | 8.57 | 94.4 | |
| 06/23/2011 | 09:21:23 | 84 | 2.2 | 8.37 | 96.0 | |
| 06/23/2011 | 09:21:48 | 113 | 2.2 | 8.36 | 96.9 | Start Displacement |
| 06/23/2011 | 09:21:53 | 95 | 2.2 | 8.37 | 97.1 | |
| 06/23/2011 | 09:21:55 | 115 | 2.2 | 8.37 | 97.2 | Disp. 17.5 bbl H2O |
| 06/23/2011 | 09:22:23 | 157 | 2.2 | 8.36 | 98.2 | |
| 06/23/2011 | 09:22:53 | 267 | 2.2 | 8.35 | 99.3 | |
| 06/23/2011 | 09:23:23 | 288 | 2.2 | 8.35 | 100.4 | |
| 06/23/2011 | 09:23:53 | 439 | 2.2 | 8.34 | 101.5 | |
| 06/23/2011 | 09:24:23 | 694 | 2.2 | 8.35 | 102.5 | |

| Well | | Field | Job Start | Customer | Job Number | |
|----------------|------------------|-----------------------|---------------|------------------|------------|--------------------------|
| Federal 25-7BB | | Parachute | Jun/23/2011 | Encana Oil & Gas | 594838 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message |
| 06/23/2011 | 09:25:23 | 606 | 2.2 | 8.34 | 104.7 | |
| 06/23/2011 | 09:25:53 | 669 | 2.2 | 8.34 | 105.8 | |
| 06/23/2011 | 09:26:23 | 752 | 2.1 | 8.34 | 106.8 | |
| 06/23/2011 | 09:26:53 | 796 | 2.1 | 8.34 | 107.9 | |
| 06/23/2011 | 09:27:23 | 595 | 1.7 | 8.35 | 108.9 | |
| 06/23/2011 | 09:27:53 | 558 | 1.5 | 8.35 | 109.7 | |
| 06/23/2011 | 09:28:23 | 653 | 1.6 | 8.34 | 110.4 | |
| 06/23/2011 | 09:28:46 | 287 | 0.0 | 8.34 | 110.9 | End Displacement |
| 06/23/2011 | 09:28:52 | 336 | 0.0 | 8.34 | 110.9 | Shut down WOC |
| 06/23/2011 | 09:28:53 | 333 | 0.0 | 8.34 | 110.9 | |
| 06/23/2011 | 09:28:55 | 332 | 0.0 | 8.35 | 110.9 | Washup Truck |
| 06/23/2011 | 09:57:23 | -3 | 0.0 | 8.33 | 110.9 | |
| 06/23/2011 | 09:57:53 | -9 | 0.0 | 8.35 | 111.0 | |
| 06/23/2011 | 09:58:23 | 64 | 0.3 | 8.35 | 111.0 | |
| 06/23/2011 | 09:58:53 | 128 | 0.0 | 8.35 | 111.5 | |
| 06/23/2011 | 09:59:19 | 370 | 0.4 | 8.35 | 111.6 | Start Hesitation Squeeze |
| 06/23/2011 | 09:59:23 | 376 | 0.4 | 8.34 | 111.6 | |
| 06/23/2011 | 09:59:53 | 450 | 0.5 | 8.35 | 111.8 | |
| 06/23/2011 | 10:00:00 | 463 | 0.5 | 8.35 | 111.8 | Pump .5 bbl Wait 30 min |
| 06/23/2011 | 10:00:23 | 333 | 0.0 | 6.61 | 112.0 | |
| 06/23/2011 | 10:00:53 | 294 | 0.0 | 8.11 | 112.0 | |
| 06/23/2011 | 10:01:23 | 278 | 0.0 | 8.35 | 112.0 | |
| 06/23/2011 | 10:01:53 | 260 | 0.0 | 0.19 | 112.8 | |
| 06/23/2011 | 10:02:23 | 241 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:02:53 | 232 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:03:23 | 225 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:03:53 | 220 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:04:23 | 215 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:04:53 | 209 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:05:23 | 205 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:05:53 | 201 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:06:23 | 198 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:06:53 | 194 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:07:23 | 189 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:07:53 | 187 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:08:23 | 183 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:08:53 | 179 | 0.0 | -0.02 | 112.8 | |
| 06/23/2011 | 10:09:23 | 176 | 3.5 | -0.02 | 112.8 | |
| 06/23/2011 | 10:09:53 | 173 | 25.0 | -0.02 | 120.5 | |
| 06/23/2011 | 10:10:23 | 171 | 25.0 | -0.02 | 133.0 | |
| 06/23/2011 | 10:10:53 | 167 | 25.0 | -0.02 | 144.8 | |
| 06/23/2011 | 10:11:23 | 163 | 25.0 | -0.02 | 157.3 | |
| 06/23/2011 | 10:11:53 | 160 | 25.0 | -0.02 | 169.8 | |
| 06/23/2011 | 10:12:23 | 157 | 25.0 | 8.35 | 182.3 | |
| 06/23/2011 | 10:12:53 | 154 | 25.0 | 8.35 | 194.8 | |
| 06/23/2011 | 10:13:23 | 151 | 25.0 | 8.35 | 207.3 | |
| 06/23/2011 | 10:13:53 | 148 | 25.0 | 8.35 | 219.8 | |
| 06/23/2011 | 10:14:23 | 145 | 25.0 | 8.36 | 232.3 | |
| 06/23/2011 | 10:14:53 | 142 | 25.0 | 8.35 | 244.8 | |
| 06/23/2011 | 10:15:23 | 139 | 25.0 | 8.36 | 257.3 | |
| 06/23/2011 | 10:15:53 | 136 | 0.0 | 8.35 | 263.8 | |
| 06/23/2011 | 10:16:23 | 134 | 0.0 | 8.36 | 263.8 | |
| 06/23/2011 | 10:16:53 | 132 | 0.0 | 8.35 | 263.8 | |
| 06/23/2011 | 10:17:23 | 130 | 0.0 | 8.35 | 263.8 | |

| Well | | Field | Job Start | Customer | Job Number | |
|----------------|------------------|-----------------------|---------------|------------------|------------|-------------------------|
| Federal 25-7BB | | Parachute | Jun/23/2011 | Encana Oil & Gas | 594838 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message |
| 06/23/2011 | 10:18:23 | 124 | 0.0 | 8.36 | 263.8 | |
| 06/23/2011 | 10:18:53 | 122 | 0.0 | 8.36 | 263.8 | |
| 06/23/2011 | 10:19:23 | 119 | 0.0 | 8.36 | 263.8 | |
| 06/23/2011 | 10:19:53 | 118 | 0.0 | 8.36 | 263.8 | |
| 06/23/2011 | 10:20:23 | 117 | 0.0 | 8.33 | 263.8 | |
| 06/23/2011 | 10:20:53 | 117 | 0.0 | 8.21 | 263.8 | |
| 06/23/2011 | 10:21:23 | 117 | 0.0 | 8.30 | 263.8 | |
| 06/23/2011 | 10:21:53 | 123 | 0.0 | 8.34 | 263.8 | |
| 06/23/2011 | 10:22:23 | 116 | 0.0 | 8.32 | 263.8 | |
| 06/23/2011 | 10:22:53 | 116 | 0.0 | 8.35 | 263.8 | |
| 06/23/2011 | 10:23:23 | 118 | 0.0 | 8.35 | 263.8 | |
| 06/23/2011 | 10:23:53 | 116 | 0.0 | 7.41 | 263.8 | |
| 06/23/2011 | 10:24:23 | 118 | 0.0 | 8.35 | 263.8 | |
| 06/23/2011 | 10:24:53 | 117 | 0.0 | 8.36 | 263.8 | |
| 06/23/2011 | 10:25:23 | 116 | 0.0 | 8.36 | 263.8 | |
| 06/23/2011 | 10:25:53 | 113 | 0.0 | 8.36 | 263.8 | |
| 06/23/2011 | 10:26:23 | 110 | 0.0 | 8.36 | 263.8 | |
| 06/23/2011 | 10:26:53 | 105 | 0.0 | 8.36 | 263.8 | |
| 06/23/2011 | 10:27:23 | 102 | 0.0 | 8.36 | 263.8 | |
| 06/23/2011 | 10:27:53 | 100 | 0.0 | 8.36 | 263.8 | |
| 06/23/2011 | 10:28:23 | 98 | 0.0 | 8.36 | 263.8 | |
| 06/23/2011 | 10:28:53 | 375 | 0.3 | 8.36 | 263.9 | |
| 06/23/2011 | 10:28:54 | 375 | 0.3 | 8.36 | 263.9 | Pump .25 bbl Wait 30min |
| 06/23/2011 | 10:29:23 | 291 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:29:53 | 242 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:30:23 | 217 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:30:53 | 205 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:31:23 | 195 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:31:53 | 188 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:32:23 | 192 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:32:53 | 184 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:33:23 | 182 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:33:53 | 175 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:34:23 | 174 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:34:53 | 162 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:35:23 | 162 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:35:53 | 155 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:36:23 | 152 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:36:53 | 148 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:37:23 | 144 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:37:53 | 140 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:38:23 | 137 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:38:53 | 134 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:39:23 | 130 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:39:53 | 127 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:40:23 | 124 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:40:53 | 122 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:41:23 | 118 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:41:53 | 115 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:42:23 | 114 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:42:53 | 112 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:43:23 | 109 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:43:53 | 107 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:44:23 | 105 | 0.0 | 8.36 | 264.0 | |

| Well | | Field | Job Start | Customer | Job Number | |
|----------------|------------------|-----------------------|---------------|------------------|------------|------------------------|
| Federal 25-7BB | | Parachute | Jun/23/2011 | Encana Oil & Gas | 594838 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message |
| 06/23/2011 | 10:45:23 | 80 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:45:53 | 89 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:46:23 | 93 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:46:53 | 94 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:47:23 | 93 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:47:53 | 93 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:48:23 | 92 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:48:53 | 91 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:49:23 | 91 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:49:53 | 90 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:50:23 | 90 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:50:53 | 88 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:51:23 | 85 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:51:53 | 82 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:52:23 | 80 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:52:53 | 78 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:53:23 | 76 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:53:53 | 75 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:54:23 | 73 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:54:53 | 72 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:55:23 | 70 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:55:53 | 67 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:56:23 | 65 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:56:53 | 63 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:57:23 | 61 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:57:53 | 60 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:58:23 | 58 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:58:53 | 57 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:59:23 | 55 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 10:59:53 | 54 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 11:00:23 | 51 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 11:00:53 | 50 | 0.0 | 8.36 | 264.0 | |
| 06/23/2011 | 11:01:23 | 382 | 0.3 | 8.36 | 264.2 | |
| 06/23/2011 | 11:01:53 | 510 | 0.3 | 8.36 | 264.3 | |
| 06/23/2011 | 11:02:13 | 486 | 0.1 | 8.36 | 264.4 | Pump .5 bbl Wait 30min |
| 06/23/2011 | 11:02:23 | 445 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:02:53 | 383 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:03:23 | 330 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:03:53 | 318 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:04:23 | 310 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:04:53 | 302 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:05:23 | 295 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:05:53 | 288 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:06:23 | 282 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:06:53 | 276 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:07:23 | 275 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:07:53 | 272 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:08:23 | 266 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:08:53 | 260 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:09:23 | 254 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:09:53 | 253 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:10:23 | 251 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:10:53 | 245 | 0.0 | 8.36 | 264.4 | |
| 06/23/2011 | 11:11:23 | 239 | 0.0 | 8.36 | 264.4 | |

| Well | | Field | | Job Start | | Customer | | Job Number | |
|----------------|------------------|-----------------------|---------------|--------------|------------|------------------|--|------------|--|
| Federal 25-7BB | | Parachute | | Jun/23/2011 | | Encana Oil & Gas | | 594838 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message | | | |
| 06/23/2011 | 11:12:23 | 233 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:12:53 | 231 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:13:23 | 225 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:13:53 | 220 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:14:23 | 216 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:14:53 | 213 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:15:23 | 213 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:15:53 | 209 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:16:23 | 204 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:16:53 | 199 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:17:23 | 195 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:17:53 | 192 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:18:23 | 191 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:18:53 | 187 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:19:23 | 182 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:19:53 | 179 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:20:23 | 175 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:20:53 | 172 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:21:23 | 168 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:21:53 | 165 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:22:23 | 161 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:22:53 | 158 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:23:23 | 155 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:23:53 | 152 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:24:23 | 148 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:24:53 | 145 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:25:23 | 142 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:25:53 | 139 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:26:23 | 136 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:26:53 | 133 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:27:23 | 130 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:27:53 | 127 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:28:23 | 124 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:28:53 | 122 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:29:23 | 119 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:29:53 | 116 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:30:23 | 114 | 0.0 | 8.35 | 264.4 | | | | |
| 06/23/2011 | 11:30:53 | 111 | 0.0 | 8.35 | 264.4 | | | | |
| 06/23/2011 | 11:31:23 | 108 | 0.0 | 8.35 | 264.4 | | | | |
| 06/23/2011 | 11:31:53 | 106 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:32:23 | 104 | 0.0 | 8.35 | 264.4 | | | | |
| 06/23/2011 | 11:32:53 | 101 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:33:23 | 98 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:33:53 | 96 | 0.0 | 8.35 | 264.4 | | | | |
| 06/23/2011 | 11:34:23 | 94 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:34:53 | 91 | 0.0 | 8.35 | 264.4 | | | | |
| 06/23/2011 | 11:35:23 | 89 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:35:53 | 87 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:36:23 | 84 | 0.0 | 8.35 | 264.4 | | | | |
| 06/23/2011 | 11:36:53 | 82 | 0.0 | 8.35 | 264.4 | | | | |
| 06/23/2011 | 11:37:23 | 81 | 0.0 | 8.35 | 264.4 | | | | |
| 06/23/2011 | 11:37:53 | 78 | 0.0 | 8.36 | 264.4 | | | | |
| 06/23/2011 | 11:38:23 | 76 | 0.0 | 8.35 | 264.4 | | | | |
| 06/23/2011 | 11:38:53 | 75 | 0.0 | 8.35 | 264.4 | | | | |

| Well | | Field | | Job Start | | Customer | | Job Number | |
|----------------|------------------|-----------------------|---------------|--------------|------------|--------------------------|--|------------|--|
| Federal 25-7BB | | Parachute | | Jun/23/2011 | | Encana Oil & Gas | | 594838 | |
| Date | Time 24-hr clock | Treating Pressure PSI | Flow Rate B/M | Density LB/G | Volume BBL | Message | | | |
| 06/23/2011 | 11:39:36 | 315 | 0.3 | 8.35 | 264.5 | Pump .25 bbl Wait | | | |
| 06/23/2011 | 11:39:53 | 508 | 0.3 | 8.35 | 264.6 | | | | |
| 06/23/2011 | 11:40:00 | 545 | 0.3 | 8.35 | 264.6 | Rig to Reverse Circulate | | | |
| 06/23/2011 | 11:40:23 | 609 | 0.3 | 8.35 | 264.7 | | | | |
| 06/23/2011 | 11:40:53 | 564 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:41:23 | 536 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:41:53 | 512 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:42:23 | 492 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:42:53 | 761 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:43:23 | 747 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:43:53 | 742 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:44:23 | 738 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:44:53 | 735 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:45:23 | 734 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:45:53 | 733 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:46:23 | 720 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:46:53 | -12 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:47:23 | -11 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:47:53 | -11 | 0.0 | 8.35 | 264.8 | | | | |
| 06/23/2011 | 11:48:23 | -11 | 0.0 | 8.35 | 264.8 | | | | |

Post Job Summary

| Average Pump Rates, bbl/min | | | | | Volume of Fluid Injected, bbl | | | |
|---------------------------------------|------------------------|--------------|-------------------------|-------------------------------|-------------------------------|--------------------------|---------------|-------------------------------------|
| Slurry | N2 | Mud | Maximum Rate | Total Slurry | Mud | Spacer | N2 | |
| 5.6 | | 0.0 | 25.0 | 74.0 | 0.0 | 20.0 | | |
| Treating Pressure Summary, psi | | | | | Breakdown Fluid | | | |
| Maximum | Final | Average | Bump Plug to | Breakdown | Type | Volume | Density | |
| 4087 | 350 | 411 | 0 | | Fresh Water | 50.0 bbl | 8.34 lb/gal | |
| Avg. N2 Percent | Designed Slurry Volume | Displacement | Mix Water Temp | Cement Circulated to Surface? | <input type="checkbox"/> | Volume | bbl | |
| % | 74.0 bbl | 17.5 bbl | 65 degF | Washed Thru Perfs | <input type="checkbox"/> | To | ft | |
| Customer or Authorized Representative | | | Schlumberger Supervisor | | Circulation Lost | <input type="checkbox"/> | Job Completed | <input checked="" type="checkbox"/> |
| Randy Williams | | | B. Farnham | | - | | - | |