

## Coordinates

| Measured<br>Depth<br><br>(ft) | True<br>Vertical<br>Depth<br><br>(ft) | +North<br>-South<br><br>(ft) | +East<br>-West<br><br>(ft) | Course<br>Length<br><br>(ft) | Wellbore<br>Deviation<br><br>(deg) | Wellbore<br>Azimuth<br><br>(deg) |
|-------------------------------|---------------------------------------|------------------------------|----------------------------|------------------------------|------------------------------------|----------------------------------|
| 2900.0                        | 2900.0                                | 4.4                          | 4.1                        | 6.0                          | 0.1                                | 41.8                             |
| 2950.0                        | 2950.0                                | 4.5                          | 4.2                        | 6.1                          | 0.1                                | 20.9                             |
| 3000.0                        | 3000.0                                | 4.5                          | 4.2                        | 6.1                          | 0.0                                | 0.0                              |
| 3050.0                        | 3050.0                                | 4.5                          | 4.2                        | 6.1                          | 0.0                                | 0.0                              |
| 3100.0                        | 3100.0                                | 4.5                          | 4.2                        | 6.1                          | 0.0                                | 0.0                              |
| 3150.0                        | 3150.0                                | 4.5                          | 4.2                        | 6.1                          | 0.0                                | 0.0                              |
| 3200.0                        | 3200.0                                | 4.5                          | 4.2                        | 6.1                          | 0.0                                | 0.0                              |
| 3250.0                        | 3250.0                                | 4.5                          | 4.2                        | 6.1                          | 0.0                                | 0.0                              |
| 3300.0                        | 3300.0                                | 4.5                          | 4.2                        | 6.1                          | 0.0                                | 0.0                              |
| 3350.0                        | 3350.0                                | 4.5                          | 4.2                        | 6.1                          | 0.0                                | 0.0                              |
| 3400.0                        | 3400.0                                | 4.5                          | 4.2                        | 6.1                          | 0.0                                | 0.0                              |
| 3450.0                        | 3450.0                                | 4.5                          | 4.2                        | 6.1                          | 0.1                                | 51.1                             |
| 3500.0                        | 3500.0                                | 4.5                          | 4.2                        | 6.2                          | 0.1                                | 102.2                            |
| 3550.0                        | 3550.0                                | 4.4                          | 4.4                        | 6.2                          | 0.2                                | 153.4                            |
| 3600.0                        | 3600.0                                | 4.2                          | 4.4                        | 6.1                          | 0.2                                | 204.5                            |
| 3650.0                        | 3650.0                                | 4.1                          | 4.3                        | 5.9                          | 0.2                                | 208.3                            |
| 3700.0                        | 3700.0                                | 3.9                          | 4.1                        | 5.7                          | 0.2                                | 212.0                            |
| 3750.0                        | 3750.0                                | 3.7                          | 4.0                        | 5.5                          | 0.2                                | 215.8                            |
| 3800.0                        | 3800.0                                | 3.5                          | 3.9                        | 5.2                          | 0.2                                | 219.5                            |
| 3850.0                        | 3850.0                                | 3.3                          | 3.7                        | 5.0                          | 0.2                                | 226.3                            |
| 3900.0                        | 3900.0                                | 3.2                          | 3.6                        | 4.8                          | 0.2                                | 233.0                            |
| 3950.0                        | 3950.0                                | 3.1                          | 3.4                        | 4.6                          | 0.2                                | 239.8                            |
| 4000.0                        | 4000.0                                | 3.0                          | 3.2                        | 4.4                          | 0.2                                | 246.5                            |
| 4050.0                        | 4050.0                                | 2.9                          | 3.0                        | 4.2                          | 0.2                                | 240.5                            |
| 4100.0                        | 4100.0                                | 2.8                          | 2.8                        | 4.0                          | 0.2                                | 234.5                            |
| 4150.0                        | 4150.0                                | 2.6                          | 2.6                        | 3.7                          | 0.2                                | 228.5                            |
| 4200.0                        | 4200.0                                | 2.5                          | 2.5                        | 3.5                          | 0.2                                | 222.5                            |
| 4250.0                        | 4250.0                                | 2.3                          | 2.4                        | 3.4                          | 0.2                                | 166.9                            |
| 4300.0                        | 4300.0                                | 2.2                          | 2.5                        | 3.4                          | 0.1                                | 111.2                            |
| 4350.0                        | 4350.0                                | 2.2                          | 2.6                        | 3.4                          | 0.1                                | 55.6                             |
| 4400.0                        | 4400.0                                | 2.2                          | 2.6                        | 3.4                          | 0.0                                | 0.0                              |
| 4450.0                        | 4450.0                                | 2.2                          | 2.6                        | 3.5                          | 0.0                                | 0.0                              |
| 4500.0                        | 4500.0                                | 2.3                          | 3.0                        | 3.8                          | 0.8                                | -639.2                           |

