

**Alcor #1 Geological Tops**

**Formation Tops in Red**

**Surface Tops in Blue**

**Pre-Job Projected Tops in Gray**

**Alcor #1 Lat 69.98967767490 N, Long 148.68183918100 W**

**Elevation KB** (RT): **187.00’** AMSL**, Pad (GL): 163.70’ AMSL** from As Built**, Pad to RT** measured at **23.30’**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Formation Tops/Markers | Depth (SSTVD) | Depth (TVD) | Depth KB | Zone Thickness |
| Holocene  Gubik  Middle Sagavanirktok  Permafrost  Mikkelson Tongue (Upper Canning)  Lower Sagavanirktok  Staines Tongue (Lower Sagavanirktok)  Prince Creek  Upper Schrader Bluff  Lower Canning  Campanian Flooding Surface  Middle Schrader Bluff  Lower Canning  MCU (Mid Campanian Unconformity)  Hue Shale  Top HRZ (Highly Radioactive Zone)  Base HRZ  Pebble Shale  LCU (Lower Cretaceous Unconformity)  Kuparuk C (Basal Zone)  Kuparuk B  Kuparuk A  Miluveach  Upper Kingak  Lower Kingak  Lower Kingak (K-1 Top)  Lower Kingak Base  Top Shublik “A”  Shublik “B”  Shublik “C”  Shublik “D”  Shublik “E”  Base Shublik  Eileen  Fire Creek  Ivishak  TD | -187  261  534  863  2409  2597  3872  5457  5748  6414  7057  7061  7148  8404  8404  8805  8890  8890  9023  9023  9035  9048  9098  9344  9716  10023  10358  10358  10382  10403  10427  10445  10477  10477  10510  10561  10615 | 0  448  721  1050  2596  2784  4059  5644  5935  6601  7244  7248  7335  8591  8591  8992  9077  9077  9210  9210  9222  9235  9285  9531  9903  10210  10545  10545  10569  10590  10614  10632  10664  10664  10697  10748  10802 | 0  448  721  1050  2596  2784  4059  5644  5935  6601  7244  7248  7335  8593  8593  8999  9085  9085  9218  9218  9230  9243  9294  9540  9913  10220  10555  10555  10579  10600  10624  10643  10674  10674  10707  10758  10812 | 448  273  1875  1050  188  1275  1585  291  666  643  4  87  1258  406  86  133  12  13  51  246  373  307  335  119  24  21  19  31  33  51 |