

Total organic carbon, rock-eval pyrolysis, and vitrinite reflectance data of ditch cuttings from the Arco Alaska Inc. OCS Y-0097-1 (Raven No. 1) well

Received 28 November 1988

Total of 2 pages in report

Geologic Materials Center Data Report No. 102

| TOP  | BOT  | TOC  | S1   | S2   | TMAX | VR   |
|------|------|------|------|------|------|------|
| 510  | 600  | 3.91 | 0.18 | 5.56 | 427  | 0.48 |
| 600  | 690  | 0.67 | 0.14 | 0.88 | 435  |      |
| 690  | 780  | 4.49 | 0.2  | 3.34 | 432  | 0.5  |
| 780  | 870  | 1.19 | 0.13 | 0.52 | 439  |      |
| 870  | 960  | 1.54 | 0.13 | 1.27 | 434  |      |
| 960  | 1050 | 2.52 | 0.25 | 5.53 | 428  | 0.52 |
| 1050 | 1140 | 1.97 | 0.17 | 3    | 424  |      |
| 1140 | 1230 | 0.42 | 0.1  | 0.16 | 440  |      |
| 1230 | 1320 | 1.74 | 0.12 | 0.29 | 447  | 0.54 |
| 1320 | 1410 | 0.44 | 0.11 | 0.17 | 440  |      |
| 1410 | 1500 | 4.21 | 0.15 | 4.24 | 433  |      |
| 1500 | 1590 | 2.31 | 0.14 | 1.89 | 430  | 0.53 |
| 1590 | 1680 | 3.6  | 0.17 | 2.69 | 429  |      |
| 1680 | 1770 | 1.5  | 0.17 | 1.74 | 425  |      |
| 1770 | 1860 | 1.03 | 0.1  | 0.42 | 427  | 0.53 |
| 1800 | 1890 | 0.44 | 0.13 | 0.42 | 426  | 0.56 |
| 1860 | 1950 | 2.33 | 0.13 | 0.5  | 434  |      |
| 1890 | 1980 | 1.05 | 0.14 | 0.65 | 437  |      |
| 1950 | 2040 | 1.28 | 0.12 | 0.67 | 434  |      |
| 1980 | 2060 | 0.42 | 0.11 | 0.33 | 432  |      |
| 2040 | 2070 | 0.68 | 0.1  | 0.2  | 426  | 0.67 |
| 2070 | 2160 | 0.17 | 0.09 | 0.64 | 446  |      |
| 2160 | 2250 | 0.26 | 0.08 | 0.07 | 443  |      |
| 2250 | 2340 | 0.17 | 0.11 | 0.1  | 431  |      |
| 2340 | 2430 | 0.09 | 0.09 | 0.05 | 431  |      |
| 2430 | 2520 | 0.51 | 0.09 | 0.26 | 432  |      |
| 2520 | 2610 | 2.17 | 0.12 | 0.86 | 437  | 0.54 |
| 2610 | 2700 | 0.76 | 0.11 | 0.55 | 438  |      |
| 2700 | 2790 | 0.6  | 0.1  | 0.39 | 430  |      |
| 2790 | 2880 | 2.82 | 0.14 | 1.64 | 435  | 0.58 |
| 2880 | 2970 | 0.88 | 0.1  | 0.26 | 431  |      |
| 2970 | 3060 | 0.6  | 0.18 | 0.25 | 428  |      |
| 3060 | 3150 | 0.43 | 0.11 | 0.14 | 423  | 0.53 |
| 3150 | 3240 | 0.61 | 0.11 | 0.3  | 428  |      |
| 3240 | 3330 | 0.17 | 0.13 | 0.38 | 431  |      |
| 3330 | 3420 | 1.14 | 0.13 | 0.98 | 434  | 0.49 |
| 3420 | 3510 | 2.46 | 0.18 | 3.84 | 431  |      |
| 3510 | 3600 | 3.45 | 0.17 | 3.53 | 429  |      |
| 3600 | 3690 | 2.57 | 0.17 | 1.99 | 430  | 0.58 |
| 3690 | 3780 | 1.98 | 0.17 | 2.85 | 428  |      |
| 3780 | 3870 | 1.86 | 0.19 | 1.37 | 433  |      |
| 3870 | 3970 | 1.81 | 0.37 | 2.29 | 433  | 0.63 |
| 3970 | 4070 | 2.54 | 0.19 | 2.03 | 431  |      |
| 4070 | 4160 | 1.79 | 0.21 | 1.53 | 428  |      |
| 4160 | 4260 | 3.14 | 0.21 | 3.38 | 428  | 0.53 |
| 4260 | 4360 | 0.62 | 0.12 | 0.36 | 438  |      |
| 4360 | 4460 | 0.26 | 0.11 | 0.14 | 435  |      |
| 4460 | 4560 | 1.33 | 0.12 | 0.75 | 433  | 0.59 |
| 4560 | 4660 | 0.88 | 0.13 | 0.74 | 434  |      |
| 4660 | 4760 | 0.43 | 0.1  | 0.17 | 430  |      |
| 4760 | 4860 | 0.34 | 0.1  | 0.12 | 416  | 0.51 |
| 4860 | 4960 | 0.62 | 0.12 | 0.18 | 429  |      |
| 4960 | 5060 | 0.43 | 0.11 | 0.2  | 427  |      |
| 5060 | 5160 | 0.25 | 0.08 | 0.09 | 424  | 0.46 |

| TOP  | BOT  | TOC  | S1   | S2   | TMAX | VR   |
|------|------|------|------|------|------|------|
| 5160 | 5260 | 0.61 | 0.12 | 0.34 | 433  |      |
| 5260 | 5360 | 0.88 | 0.1  | 0.44 | 433  |      |
| 5360 | 5460 | 0.6  | 0.1  | 0.32 | 428  | 0.5  |
| 5460 | 5560 | 0.68 | 0.1  | 0.28 | 435  |      |
| 5560 | 5660 | 0.26 | 0.12 | 0.18 | 430  |      |
| 5660 | 5760 | 0.71 | 0.1  | 0.27 | 426  | 0.54 |
| 5760 | 5860 | 0.51 | 0.1  | 0.19 | 429  |      |
| 5860 | 5960 | 0.6  | 0.12 | 0.32 | 427  |      |
| 5960 | 6060 | 0.27 | 0.1  | 0.12 | 426  | 0.55 |
| 6060 | 6160 | 0.43 | 0.14 | 0.29 | 427  |      |
| 6160 | 6260 | 0.53 | 0.12 | 0.25 | 431  |      |
| 6260 | 6360 | 0.6  | 0.13 | 0.27 | 430  | 0.57 |
| 6360 | 6460 | 0.42 | 0.16 | 0.24 | 432  |      |
| 6460 | 6560 | 0.43 | 0.11 | 0.21 | 427  |      |
| 6560 | 6660 | 0.45 | 0.11 | 0.28 | 429  | 0.53 |
| 6660 | 6760 | 0.34 | 0.1  | 0.18 | 423  |      |
| 6760 | 6860 | 0.35 | 0.11 | 0.16 | 422  |      |
| 6860 | 6960 | 0.27 | 0.11 | 0.08 | 419  | 0.57 |
| 6960 | 7060 | 0.25 | 0.09 | 0.2  | 428  |      |
| 7060 | 7160 | 0.25 | 0.09 | 0.14 | 431  |      |
| 7160 | 7260 | 0.25 | 0.08 | 0.12 | 418  | 0.65 |
| 7260 | 7370 | 0.26 | 0.1  | 0.13 | 426  |      |
| 7370 | 7481 | 0.17 | 0.09 | 0.13 | 431  | 0.63 |