

| # | TIME | DEPTH | ROP m/hr | TORQUE | | RPM | WOB AVG | PUMP PRES | RTRNS DEPTH | MW lb/gal | | FLOW/MIN | | TEMP (C) | | PVT | THIS BIT | | | COST | | EST TW | DXC | NK | NKB | ECD | EST FM PR |
|------|--------|-------|-------------|--------|-----|------|------------|--------------|----------------|-----------|-----|----------|------|----------|-----|-------|----------|------|------|------|------|-----------|-----|------|------|------|--------------|
| | | | | AVG | MAX | | | | | IN | OUT | IN | OUT | IN | OUT | | REVS | m | hrs | INST | RUN | | | | | | |
| 0039 | 972.35 | 29.1 | 1.64 | 1.64 | 105 | 22.1 | 2300 | 953.89 | 8.92 | 8.75 | 805 | 0 | 25.3 | 29.1 | 359 | 61800 | 554 | 11.1 | 156 | 112 | 4.31 | 1.07 | .93 | 1.08 | 8.87 | 8.70 | D |
| 0039 | 972.63 | 64.7 | 1.69 | 1.69 | 104 | 22.4 | 2300 | 954.00 | 8.92 | 8.75 | 805 | 0 | 25.3 | 29.1 | 359 | 61824 | 554 | 11.1 | 79 | 112 | 4.31 | .87 | .73 | 1.08 | 8.87 | 8.70 | D |
| 0040 | 972.94 | 25.0 | 1.64 | 1.64 | 103 | 20.5 | 2300 | 954.52 | 8.92 | 8.75 | 804 | 0 | 25.3 | 29.1 | 359 | 61896 | 555 | 11.1 | 187 | 112 | 4.31 | 1.08 | .95 | 1.08 | 8.87 | 8.70 | D |
| 0040 | 973.26 | 37.8 | 1.74 | 1.74 | 103 | 23.3 | 2290 | 954.87 | 8.92 | 8.75 | 804 | 0 | 25.3 | 29.1 | 359 | 61948 | 555 | 11.1 | 156 | 112 | 4.31 | 1.01 | .87 | 1.08 | 8.87 | 8.70 | D |
| 0041 | 973.54 | 43.6 | 1.66 | 1.66 | 105 | 21.5 | 2300 | 955.09 | 8.92 | 8.82 | 803 | 0 | 25.4 | 29.2 | 360 | 61986 | 555 | 11.2 | 104 | 112 | 4.32 | .96 | .82 | 1.08 | 8.87 | 8.70 | D |
| 0041 | 973.84 | 50.8 | 1.77 | 1.77 | 105 | 20.3 | 2310 | 955.31 | 8.92 | 8.82 | 803 | 0 | 25.4 | 29.2 | 358 | 62023 | 556 | 11.2 | 90 | 112 | 4.32 | .91 | .77 | 1.08 | 8.87 | 8.70 | D |
| 0041 | 974.17 | 43.9 | 1.73 | 1.73 | 105 | 23.4 | 2310 | 955.59 | 8.92 | 8.82 | 803 | 0 | 25.4 | 29.2 | 359 | 62065 | 556 | 11.2 | 107 | 112 | 4.32 | .98 | .84 | 1.08 | 8.88 | 8.70 | D |
| 0042 | 974.49 | 41.3 | 1.69 | 1.69 | 103 | 21.7 | 2290 | 955.92 | 8.92 | 8.82 | 803 | 0 | 25.4 | 29.2 | 360 | 62112 | 556 | 11.2 | 141 | 112 | 4.32 | .97 | .83 | 1.08 | 8.88 | 8.70 | D |
| 0048 | 974.97 | 64.1 | 1.21 | 1.21 | 101 | 21.4 | 2450 | 957.71 | 9.00 | 8.85 | 792 | 0 | 25.1 | 29.4 | 435 | 62130 | 557 | 11.2 | 92 | 112 | 4.32 | .85 | .72 | 1.08 | 8.86 | 8.70 | D |
| 0048 | 975.36 | 264 | 1.32 | 1.32 | 101 | 11.7 | 2470 | 957.82 | 9.00 | 8.85 | 808 | 0 | 25.1 | 29.4 | 437 | 62145 | 557 | 11.2 | 93 | 112 | 4.32 | .43 | .31 | 1.08 | 8.87 | 8.70 | D |
| 0048 | 975.67 | 45.3 | 1.60 | 1.60 | 97 | 18.2 | 2440 | 957.96 | 9.00 | 8.85 | 818 | 0 | 25.1 | 29.4 | 439 | 62183 | 557 | 11.2 | 105 | 112 | 4.33 | .89 | .76 | 1.08 | 8.87 | 8.70 | D |
| 0049 | 976.02 | 52.5 | 1.72 | 1.72 | 95 | 24.3 | 2470 | 958.15 | 9.00 | 8.85 | 821 | 0 | 25.1 | 29.4 | 443 | 62221 | 558 | 11.2 | 113 | 112 | 4.33 | .92 | .78 | 1.08 | 8.88 | 8.70 | D |
| 0049 | 976.28 | 32.3 | 1.64 | 1.64 | 97 | 22.4 | 2470 | 958.30 | 9.07 | 9.01 | 821 | 0 | 25.2 | 29.3 | 445 | 62264 | 558 | 11.2 | 127 | 112 | 4.33 | 1.03 | .89 | 1.08 | 8.88 | 8.70 | D |
| 0050 | 976.58 | 33.9 | 1.63 | 1.63 | 97 | 22.5 | 2490 | 958.51 | 9.07 | 9.01 | 821 | 0 | 25.2 | 29.3 | 448 | 62315 | 558 | 11.2 | 152 | 112 | 4.34 | 1.02 | .88 | 1.08 | 8.89 | 8.70 | D |
| 0050 | 976.89 | 57.3 | 1.72 | 1.72 | 96 | 22.0 | 2460 | 958.60 | 9.07 | 9.01 | 821 | 0 | 25.2 | 29.3 | 450 | 62340 | 559 | 11.2 | 75 | 112 | 4.34 | .87 | .74 | 1.08 | 8.89 | 8.70 | D |
| 0050 | 977.19 | 35.5 | 1.59 | 1.59 | 96 | 23.0 | 2510 | 958.77 | 9.07 | 9.01 | 820 | 0 | 25.2 | 29.3 | 453 | 62387 | 559 | 11.2 | 140 | 112 | 4.34 | 1.01 | .87 | 1.08 | 8.89 | 8.70 | D |
| 0051 | 977.52 | 35.1 | 1.67 | 1.67 | 95 | 22.4 | 2500 | 958.98 | 9.11 | 8.90 | 819 | 0 | 24.9 | 29.3 | 456 | 62430 | 559 | 11.2 | 116 | 112 | 4.34 | 1.00 | .86 | 1.08 | 8.89 | 8.70 | D |
| 0051 | 977.81 | 56.6 | 1.65 | 1.65 | 96 | 23.7 | 2530 | 959.20 | 9.11 | 8.90 | 819 | 0 | 24.9 | 29.3 | 456 | 62459 | 560 | 11.2 | 99 | 112 | 4.34 | .89 | .75 | 1.08 | 8.90 | 8.70 | D |
| 0052 | 978.11 | 32.4 | 1.50 | 1.50 | 96 | 21.3 | 2520 | 959.54 | 9.11 | 8.90 | 819 | 0 | 24.9 | 29.3 | 458 | 62511 | 560 | 11.2 | 129 | 112 | 4.35 | 1.01 | .87 | 1.08 | 8.90 | 8.70 | D |
| 0052 | 978.42 | 32.5 | 1.61 | 1.61 | 96 | 21.3 | 2530 | 959.82 | 9.11 | 8.90 | 818 | 0 | 24.9 | 29.3 | 461 | 62552 | 560 | 11.2 | 139 | 112 | 4.35 | 1.01 | .87 | 1.08 | 8.90 | 8.70 | D |
| 0052 | 978.72 | 45.2 | 1.52 | 1.52 | 96 | 21.2 | 2550 | 960.04 | 9.11 | 8.90 | 819 | 0 | 24.9 | 29.3 | 463 | 62586 | 561 | 11.3 | 106 | 112 | 4.35 | .92 | .79 | 1.08 | 8.90 | 8.70 | D |
| 0053 | 979.04 | 39.8 | 1.63 | 1.63 | 97 | 23.9 | 2530 | 960.43 | 9.20 | 8.84 | 818 | 0 | 24.6 | 29.4 | 464 | 62631 | 561 | 11.3 | 118 | 112 | 4.35 | .99 | .85 | 1.08 | 8.91 | 8.70 | D |
| 0054 | 979.33 | 24.3 | 1.61 | 1.61 | 96 | 22.1 | 2530 | 960.95 | 9.20 | 8.84 | 817 | 0 | 24.6 | 29.4 | 467 | 62694 | 561 | 11.3 | 188 | 112 | 4.36 | 1.09 | .95 | 1.08 | 8.91 | 8.70 | D |
| 0054 | 979.64 | 41.5 | 1.52 | 1.52 | 95 | 20.9 | 2550 | 961.28 | 9.20 | 8.84 | 816 | 0 | 24.6 | 29.4 | 469 | 62732 | 561 | 11.3 | 110 | 112 | 4.36 | .94 | .80 | 1.08 | 8.91 | 8.70 | D |
| 0054 | 979.98 | 55.9 | 1.58 | 1.58 | 95 | 19.3 | 2550 | 961.55 | 9.20 | 8.84 | 816 | 0 | 24.6 | 29.4 | 469 | 62766 | 562 | 11.3 | 135 | 112 | 4.36 | .85 | .71 | 1.08 | 8.91 | 8.70 | D |
| 0055 | 980.27 | 37.9 | 1.47 | 1.47 | 96 | 20.1 | 2540 | 961.87 | 9.23 | 8.88 | 816 | 0 | 24.4 | 29.3 | 468 | 62806 | 562 | 11.3 | 122 | 112 | 4.36 | .95 | .82 | 1.08 | 8.91 | 8.70 | D |
| 0055 | 980.56 | 36.3 | 1.51 | 1.51 | 97 | 22.1 | 2560 | 962.18 | 9.23 | 8.88 | 815 | 0 | 24.4 | 29.3 | 466 | 62851 | 562 | 11.3 | 149 | 112 | 4.37 | .99 | .85 | 1.08 | 8.91 | 8.70 | D |
| 0056 | 980.85 | 29.5 | 1.45 | 1.45 | 96 | 20.2 | 2560 | 962.50 | 9.23 | 8.88 | 815 | 0 | 24.4 | 29.3 | 465 | 62891 | 563 | 11.3 | 139 | 112 | 4.37 | 1.02 | .88 | 1.08 | 8.91 | 8.70 | D |
| 0056 | 981.18 | 36.4 | 1.68 | 1.68 | 96 | 21.0 | 2560 | 962.88 | 9.23 | 8.88 | 815 | 0 | 24.4 | 29.3 | 461 | 62938 | 563 | 11.3 | 123 | 112 | 4.37 | .97 | .84 | 1.08 | 8.91 | 8.70 | D |
| 0056 | 981.47 | 43.1 | 1.56 | 1.56 | 97 | 21.8 | 2560 | 963.19 | 9.23 | 8.88 | 815 | 0 | 24.4 | 29.3 | 460 | 62973 | 563 | 11.3 | 108 | 112 | 4.37 | .94 | .80 | 1.08 | 8.91 | 8.70 | D |
| 0057 | 981.76 | 38.9 | 1.61 | 1.61 | 97 | 21.9 | 2560 | 963.54 | 9.27 | 8.92 | 814 | 0 | 24.2 | 29.5 | 459 | 63015 | 564 | 11.3 | 161 | 112 | 4.38 | .97 | .83 | 1.08 | 8.92 | 8.70 | D |
| 0057 | 982.08 | 39.1 | 1.55 | 1.55 | 96 | 21.3 | 2570 | 963.88 | 9.27 | 8.92 | 814 | 0 | 24.2 | 29.5 | 455 | 63058 | 564 | 11.3 | 120 | 112 | 4.38 | .96 | .82 | 1.08 | 8.92 | 8.70 | D |
| 0058 | 982.38 | 48.3 | 1.64 | 1.64 | 96 | 19.3 | 2570 | 964.16 | 9.27 | 8.92 | 813 | 0 | 24.2 | 29.5 | 453 | 63092 | 564 | 11.3 | 101 | 112 | 4.38 | .88 | .75 | 1.08 | 8.92 | 8.70 | D |
| 0058 | 982.68 | 37.4 | 1.47 | 1.47 | 97 | 20.8 | 2580 | 964.57 | 9.27 | 8.92 | 814 | 0 | 24.2 | 29.5 | 452 | 63137 | 564 | 11.4 | 152 | 112 | 4.38 | .97 | .83 | 1.08 | 8.92 | 8.70 | D |
| 0059 | 982.99 | 41.1 | 1.55 | 1.55 | 97 | 18.6 | 2580 | 964.92 | 9.27 | 8.92 | 814 | 0 | 24.2 | 29.5 | 450 | 63179 | 565 | 11.4 | 117 | 112 | 4.38 | .92 | .78 | 1.08 | 8.92 | 8.70 | D |
| 0059 | 983.28 | 37.5 | 1.40 | 1.40 | 97 | 19.6 | 2580 | 965.25 | 9.27 | 8.96 | 814 | 0 | 24.1 | 29.7 | 449 | 63224 | 565 | 11.4 | 131 | 112 | 4.39 | .95 | .82 | 1.08 | 8.93 | 8.70 | D |
| 0100 | 983.60 | 31.8 | 1.50 | 1.50 | 95 | 18.9 | 2540 | 965.58 | 9.27 | 8.96 | 813 | 0 | 24.1 | 29.7 | 449 | 63275 | 565 | 11.4 | 155 | 112 | 4.39 | .98 | .84 | 1.08 | 8.93 | 8.70 | D |
| 0106 | 983.94 | 36.9 | 1.10 | 1.10 | 96 | 18.9 | 2530 | 967.11 | 8.83 | 9.02 | 814 | 0 | 24.3 | 29.7 | 474 | 63329 | 566 | 11.4 | 157 | 112 | 4.39 | .94 | .81 | 1.08 | 8.92 | 8.70 | D |
| 0107 | 984.82 | 33.6 | 1.58 | 1.58 | 107 | 15.3 | 2510 | 967.18 | 8.83 | 9.02 | 813 | 0 | 24.3 | 29.7 | 468 | 63369 | 567 | 11.4 | 186 | 112 | 4.39 | .94 | .81 | 1.08 | 8.95 | 8.70 | D |
| 0107 | 985.17 | 58.6 | 1.68 | 1.68 | 104 | 22.4 | 2530 | 967.22 | 8.83 | 9.02 | 814 | 0 | 24.3 | 29.7 | 465 | 63405 | 567 | 11.4 | 82 | 112 | 4.40 | .89 | .75 | 1.08 | 8.95 | 8.70 | D |
| 0108 | 985.43 | 23.1 | 1.67 | 1.67 | 104 | 21.4 | 2520 | 967.29 | 8.83 | 9.02 | 798 | 0 | 24.3 | 29.7 | 463 | 63461 | 567 | 11.4 | 165 | 112 | 4.40 | 1.11 | .97 | 1.08 | 8.95 | 8.70 | D |
| 0108 | 985.76 | 43.7 | 1.66 | 1.66 | 105 | 24.0 | 2520 | 967.40 | 8.79 | 8.98 | 801 | 0 | 24.7 | 29.4 | 459 | 63506 | 568 | 11.4 | 115 | 112 | 4.40 | .98 | .84 | 1.08 | 8.96 | 8.70 | D |
| 0109 | 986.05 | 37.4 | 1.56 | 1.56 | 105 | 21.6 | 2510 | 967.54 | 8.79 | 8.98 | 801 | 0 | 24.7 | 29.4 | 455 | 63554 | 568 | 11.4 | 130 | 112 | 4.40 | .99 | .85 | 1.08 | 8.97 | 8.70 | D |
| 0109 | 986.34 | 35.1 | 1.64 | 1.64 | 104 | 20.3 | 2520 | 967.68 | 8.79 | 8.98 | 801 | 0 | 24.7 | 29.4 | 453 | 63596 | 568 | 11.4 | 152 | 112 | 4.41 | .99 | .85 | 1.08 | 8.97 | 8.70 | D |
| 0109 | 986.66 | 35.1 | 1.68 | 1.68 | 104 | 23.1 | 2520 | 967.83 | 8.79 | 8.98 | 801 | 0 | 24.7 | 29.4 | 450 | 63638 | 568 | 11.4 | -149 | 112 | 4.41 | 1.02 | .88 | 1.08 | 8.97 | 8.70 | D |
| 0110 | 986.99 | 41.2 | 1.61 | 1.61 | 104 | 21.1 | 2520 | 967.99 | 8.78 | 8.91 | 802 | 0 | 24.8 | 29.4 | 448 | 63678 | 569 | 11.4 | 131 | 112 | 4.41 | .96 | .82 | 1.08 | 8.98 | 8.70 | D |
| 0110 | 987.25 | 60.5 | 1.71 | 1.70 | 103 | 21.8 | 2510 | 968.19 | 8.78 | 8.91 | 802 | 0 | 24.8 | 29.4 | 447 | 63702 | 569 | 11.4 | 76 | 112 | 4.41 | .87 | .73 | 1.08 | 8.98 | 8.70 | D |
| 0111 | 987.60 | 36.0 | 1.54 | 1.54 | 104 | 22.0 | 2520 | 968.68 | 8.78 | 8.91 | 802 | 0 | 24.8 | 29.4 | 446 | 63763 | 569 | 11.5 | 124 | 112 | 4.42 | 1.00 | .86 | 1.08 | 8.98 | 8.70 | D |
| 0111 | 987.89 | 67.7 | | | | | | | | | | | | | | | | | | | | | | | | | |