

| F# | TIME | DEPTH m | ROP m/hr | TORQUE | | RPM AVG | JOB | | PUMP PRES | RTRNS DEPTH | | MV lb/gal IN OUT | | FLOW/MIN IN OUT | | TEMP (C) IN OUT | | PVT | —THIS BIT— | | | DXC | NX | NKB | ECD | EST FM PR | |
|-----|------|------------|-------------|--------|------|------------|------|------|--------------|----------------|------|---------------------|-----|--------------------|------|--------------------|--------|-----|------------|------|------|------|------|------|------|--------------|------|
| | | | | AVG | MAX | | AVG | AVG | | AVG | AVG | AVG | AVG | AVG | AVG | AVG | AVG | | AVG | AVG | AVG | | | | | | REVS |
| 747 | 0602 | 3609.1 | 4.51 | 3.90 | 4.23 | 79 | 44.6 | 3000 | 3601.1 | 9.61 | 9.92 | 600 | 524 | 67.3 | 67.9 | 423 | 219346 | 153 | 42.6 | 733 | 1548 | 1.82 | 1.65 | 1.59 | 5.75 | 9.72 | 8.70 |
| 748 | 0606 | 3609.4 | 3.93 | 3.97 | 4.23 | 78 | 44.1 | 3000 | 3601.4 | 9.56 | 9.92 | 601 | 536 | 67.2 | 63.3 | 421 | 219713 | 153 | 42.7 | 1363 | 1548 | 1.82 | 1.69 | 1.62 | 5.76 | 9.72 | 8.70 |
| 749 | 0611 | 3609.7 | 3.93 | 3.95 | 4.25 | 79 | 44.5 | 2980 | 3601.8 | 9.59 | 9.92 | 599 | 508 | 67.2 | 63.4 | 420 | 220072 | 153 | 42.8 | 1175 | 1547 | 1.82 | 1.69 | 1.63 | 5.76 | 9.71 | 8.70 |
| 750 | 0615 | 3610.1 | 4.58 | 3.95 | 4.20 | 79 | 45.4 | 2970 | 3602.1 | 9.59 | 9.91 | 599 | 503 | 67.3 | 63.6 | 420 | 220339 | 154 | 42.8 | 994 | 1546 | 1.82 | 1.65 | 1.59 | 5.76 | 9.72 | 8.70 |
| 751 | 0620 | 3610.4 | 3.26 | 4.09 | 4.43 | 79 | 45.3 | 2970 | 3602.4 | 9.58 | 9.91 | 599 | 537 | 67.4 | 63.5 | 420 | 220824 | 154 | 42.9 | 1315 | 1546 | 1.83 | 1.75 | 1.69 | 5.76 | 9.72 | 8.70 |
| 752 | 0625 | 3610.7 | 4.03 | 4.06 | 4.48 | 79 | 44.6 | 2950 | 3602.7 | 9.62 | 9.94 | 597 | 551 | 67.6 | 63.3 | 420 | 221181 | 154 | 43.0 | 1309 | 1546 | 1.83 | 1.68 | 1.62 | 5.76 | 9.71 | 8.70 |
| 753 | 0632 | 3611.0 | 2.51 | 3.98 | 4.27 | 79 | 45.7 | 2970 | 3603.3 | 9.62 | 9.94 | 598 | 529 | 67.7 | 68.1 | 420 | 221751 | 155 | 43.1 | 2136 | 1547 | 1.83 | 1.83 | 1.77 | 5.76 | 9.71 | 8.70 |
| 754 | 0642 | 3611.3 | 1.89 | 3.70 | 4.07 | 79 | 44.8 | 2960 | 3603.9 | 9.61 | 9.96 | 597 | 556 | 67.7 | 67.7 | 420 | 222512 | 155 | 43.3 | 2890 | 1549 | 1.84 | 1.90 | 1.84 | 5.76 | 9.70 | 8.70 |
| 755 | 0654 | 3611.6 | 1.47 | 3.58 | 3.38 | 79 | 44.9 | 2970 | 3604.7 | 9.63 | 9.98 | 598 | 553 | 67.4 | 63.0 | 418 | 223491 | 155 | 43.5 | 3546 | 1552 | 1.85 | 1.98 | 1.92 | 5.76 | 9.71 | 8.70 |
| 756 | 0714 | 3612.0 | 1.33 | 3.46 | 4.94 | 79 | 45.0 | 3040 | 3610.0 | 9.67 | 9.91 | 598 | 542 | 67.5 | 63.6 | 413 | 230190 | 156 | 43.9 | 2840 | 1579 | 1.89 | 1.99 | 1.93 | 5.77 | 9.77 | 8.70 |
| 757 | 0733 | 3612.5 | 1.10 | 3.46 | 4.87 | 82 | 45.6 | 3050 | 3610.6 | 9.81 | 9.94 | 601 | 562 | 67.8 | 69.0 | 417 | 231476 | 156 | 44.2 | 5656 | 1584 | 1.90 | 2.00 | 2.00 | 5.77 | 9.78 | 8.70 |
| 758 | 0801 | 3613.0 | 1.39 | 3.46 | 4.02 | 82 | 45.6 | 3050 | 3610.6 | 9.81 | 9.94 | 601 | 524 | 67.8 | 69.0 | 417 | 231514 | 157 | 44.7 | 5869 | 1584 | 1.90 | 2.00 | 1.94 | 5.77 | 9.78 | 8.70 |
| 759 | 0821 | 3613.5 | 1.32 | 3.40 | 4.11 | 81 | 44.3 | 3030 | 3611.0 | 9.78 | 9.93 | 598 | 499 | 68.8 | 69.5 | 417 | 232631 | 157 | 45.1 | 830 | 1593 | 1.91 | 1.99 | 1.93 | 5.77 | 9.79 | 8.70 |
| 760 | 0851 | 3614.1 | .90 | 3.46 | 3.82 | 79 | 43.8 | 3030 | 3611.1 | 9.78 | 9.93 | 598 | 550 | 68.8 | 69.5 | 418 | 232917 | 158 | 45.4 | 2553 | 1539 | 1.91 | 2.03 | 2.02 | 5.77 | 9.80 | 8.70 |
| 761 | 0903 | 3614.3 | 1.26 | 3.50 | 3.88 | 78 | 44.1 | 3030 | 3611.4 | 9.77 | 9.83 | 598 | 554 | 68.8 | 69.2 | 416 | 233872 | 158 | 45.6 | 3951 | 1593 | 1.92 | 1.98 | 1.92 | 5.77 | 9.81 | 8.70 |
| 762 | 0920 | 3614.6 | 1.10 | 3.51 | 4.92 | 83 | 45.3 | 3010 | 3611.7 | 9.76 | 9.60 | 600 | 520 | 67.2 | 69.5 | 416 | 235259 | 158 | 45.9 | 4346 | 1599 | 1.93 | 2.05 | 1.99 | 5.77 | 9.84 | 8.70 |
| 763 | 0930 | 3614.9 | 1.77 | 3.38 | 3.76 | 78 | 43.6 | 3010 | 3612.0 | 9.76 | 9.53 | 600 | 512 | 67.7 | 69.6 | 416 | 236069 | 158 | 46.1 | 2639 | 1601 | 1.94 | 1.88 | 1.81 | 5.77 | 9.85 | 8.70 |
| 764 | 0948 | 3615.2 | 1.10 | 3.39 | 3.82 | 79 | 44.4 | 3030 | 3612.4 | 9.74 | 9.71 | 602 | 486 | 68.5 | 69.7 | 415 | 237433 | 159 | 46.4 | 5399 | 1607 | 1.95 | 2.02 | 1.96 | 5.77 | 9.87 | 8.70 |
| 765 | 1000 | 3615.5 | 1.46 | 3.51 | 3.93 | 79 | 43.6 | 3020 | 3612.6 | 9.77 | 9.73 | 600 | 554 | 68.2 | 69.8 | 416 | 238408 | 159 | 46.6 | 3768 | 1611 | 1.95 | 1.92 | 1.86 | 5.78 | 9.88 | 8.70 |
| 766 | 1019 | 3615.9 | .97 | 3.48 | 3.86 | 79 | 44.3 | 3050 | 3613.1 | 9.85 | 9.77 | 602 | 530 | 69.4 | 70.0 | 406 | 239890 | 159 | 46.9 | 5298 | 1618 | 1.96 | 2.05 | 1.99 | 5.78 | 9.89 | 8.70 |
| 767 | 1032 | 3616.1 | 1.36 | 3.53 | 3.89 | 79 | 43.4 | 3040 | 3613.3 | 9.96 | 9.79 | 600 | 578 | 69.3 | 70.1 | 413 | 240920 | 160 | 47.1 | 3652 | 1621 | 1.97 | 1.94 | 1.88 | 5.78 | 9.90 | 8.70 |
| 768 | 1038 | 3616.5 | 3.08 | 3.72 | 4.11 | 79 | 43.2 | 3050 | 3613.4 | 9.62 | 9.79 | 600 | 545 | 68.6 | 70.0 | 412 | 241389 | 160 | 47.2 | 1729 | 1621 | 1.98 | 1.71 | 1.65 | 5.78 | 9.90 | 8.70 |
| 769 | 1045 | 3616.8 | 2.58 | 3.67 | 4.11 | 80 | 44.4 | 3040 | 3613.6 | 9.66 | 9.77 | 599 | 600 | 69.6 | 70.2 | 415 | 241966 | 160 | 47.3 | 2182 | 1622 | 1.98 | 1.77 | 1.71 | 5.78 | 9.91 | 8.70 |
| 770 | 1052 | 3617.1 | 2.80 | 3.62 | 4.01 | 80 | 44.4 | 3040 | 3613.7 | 9.66 | 9.79 | 599 | 533 | 69.5 | 70.4 | 414 | 242481 | 161 | 47.4 | 1839 | 1622 | 1.98 | 1.75 | 1.69 | 5.78 | 9.92 | 8.70 |
| 771 | 1058 | 3617.4 | 2.71 | 3.67 | 4.07 | 80 | 44.3 | 3040 | 3613.8 | 9.65 | 9.75 | 600 | 556 | 69.7 | 70.6 | 416 | 243004 | 161 | 47.6 | 1817 | 1622 | 1.99 | 1.75 | 1.69 | 5.78 | 9.93 | 8.70 |
| 772 | 1104 | 3617.7 | 3.05 | 3.71 | 4.07 | 79 | 42.7 | 3050 | 3613.9 | 9.64 | 9.77 | 600 | 544 | 69.7 | 70.7 | 417 | 243486 | 161 | 47.7 | 1764 | 1623 | 1.99 | 1.70 | 1.64 | 5.78 | 9.93 | 8.70 |
| 773 | 1129 | 3618.0 | 3.91 | 3.76 | 4.18 | 84 | 43.9 | 3000 | 3614.4 | 9.58 | 9.82 | 596 | 553 | 69.4 | 69.9 | 417 | 244400 | 162 | 47.8 | 1368 | 1625 | 2.00 | 1.67 | 1.60 | 5.78 | 9.91 | 8.70 |
| 774 | 1135 | 3618.3 | 3.33 | 3.88 | 4.33 | 85 | 42.4 | 3010 | 3614.5 | 9.58 | 9.79 | 597 | 561 | 69.5 | 70.7 | 416 | 244858 | 162 | 47.9 | 1453 | 1624 | 2.00 | 1.70 | 1.63 | 5.78 | 9.90 | 8.70 |
| 775 | 1141 | 3618.6 | 3.07 | 4.00 | 4.41 | 86 | 43.3 | 3000 | 3614.6 | 9.59 | 9.80 | 596 | 566 | 69.4 | 70.6 | 417 | 245370 | 162 | 48.0 | 1584 | 1625 | 2.00 | 1.73 | 1.67 | 5.79 | 9.90 | 8.70 |
| 776 | 1145 | 3618.9 | 3.99 | 4.00 | 4.44 | 86 | 43.5 | 2990 | 3614.7 | 9.63 | 9.79 | 596 | 555 | 69.7 | 70.6 | 415 | 245762 | 162 | 48.1 | 1394 | 1624 | 2.01 | 1.67 | 1.60 | 5.79 | 9.89 | 8.70 |
| 777 | 1150 | 3619.2 | 3.45 | 4.06 | 4.39 | 86 | 44.3 | 2990 | 3614.8 | 9.62 | 9.77 | 596 | 555 | 69.9 | 70.5 | 415 | 246218 | 163 | 48.2 | 1553 | 1624 | 2.01 | 1.72 | 1.65 | 5.79 | 9.89 | 8.70 |
| 778 | 1155 | 3619.5 | 4.66 | 4.04 | 4.40 | 86 | 42.9 | 2990 | 3614.9 | 9.64 | 9.78 | 597 | 566 | 70.0 | 70.5 | 414 | 246586 | 163 | 48.2 | 1215 | 1623 | 2.01 | 1.62 | 1.55 | 5.79 | 9.88 | 8.70 |
| 779 | 1159 | 3619.8 | 3.60 | 3.96 | 4.32 | 86 | 43.7 | 2990 | 3615.0 | 9.64 | 9.79 | 598 | 552 | 70.0 | 70.3 | 416 | 246982 | 163 | 48.3 | 1544 | 1622 | 2.02 | 1.70 | 1.63 | 5.79 | 9.88 | 8.70 |
| 780 | 1203 | 3620.1 | 4.50 | 4.07 | 4.71 | 86 | 43.6 | 2990 | 3615.1 | 9.63 | 9.78 | 597 | 550 | 70.1 | 70.3 | 415 | 247331 | 164 | 48.4 | 1100 | 1621 | 2.02 | 1.64 | 1.57 | 5.79 | 9.87 | 8.70 |
| 781 | 1208 | 3620.4 | 3.58 | 3.34 | 4.45 | 86 | 43.6 | 2970 | 3615.2 | 9.66 | 9.77 | 597 | 544 | 70.1 | 70.5 | 414 | 247769 | 164 | 48.5 | 1250 | 1620 | 2.02 | 1.70 | 1.63 | 5.79 | 9.87 | 8.70 |
| 782 | 1215 | 3620.7 | 2.68 | 3.66 | 4.17 | 86 | 44.4 | 2990 | 3615.3 | 9.67 | 9.79 | 597 | 570 | 70.2 | 70.2 | 416 | 248354 | 164 | 48.6 | 2201 | 1621 | 2.03 | 1.79 | 1.73 | 5.79 | 9.86 | 8.70 |
| 783 | 1220 | 3621.0 | 4.08 | 3.65 | 4.16 | 86 | 43.2 | 3000 | 3615.4 | 9.66 | 9.79 | 598 | 556 | 70.1 | 70.0 | 415 | 248740 | 165 | 48.7 | 1381 | 1620 | 2.03 | 1.66 | 1.60 | 5.79 | 9.86 | 8.70 |
| 784 | 1224 | 3621.3 | 4.34 | 3.58 | 4.03 | 86 | 43.2 | 2980 | 3615.4 | 9.61 | 9.79 | 598 | 599 | 70.0 | 70.1 | 412 | 249102 | 165 | 48.7 | 1137 | 1619 | 2.03 | 1.65 | 1.58 | 5.80 | 9.85 | 8.70 |
| 785 | 1229 | 3621.6 | 3.77 | 3.63 | 4.28 | 86 | 44.2 | 2990 | 3615.5 | 9.55 | 9.81 | 597 | 595 | 70.0 | 70.5 | 410 | 249519 | 165 | 48.8 | 1418 | 1619 | 2.03 | 1.70 | 1.63 | 5.80 | 9.85 | 8.70 |
| 786 | 1234 | 3621.9 | 3.67 | 3.77 | 4.35 | 86 | 43.5 | 2970 | 3615.8 | 9.55 | 9.82 | 597 | 548 | 70.0 | 70.5 | 409 | 249947 | 166 | 48.9 | 1385 | 1618 | 2.04 | 1.70 | 1.63 | 5.80 | 9.85 | 8.70 |
| 787 | 1237 | 3622.3 | 5.16 | 3.72 | 4.06 | 86 | 43.8 | 2950 | 3616.0 | 9.55 | 9.81 | 596 | 574 | 70.0 | 70.4 | 408 | 250269 | 166 | 49.0 | 1045 | 1617 | 2.04 | 1.60 | 1.54 | 5.80 | 9.85 | 8.70 |
| 788 | 1242 | 3622.5 | 3.93 | 3.70 | 4.17 | 86 | 43.1 | 2960 | 3616.2 | 9.58 | 9.81 | 595 | 578 | 69.9 | 70.6 | 408 | 250645 | 166 | 49.0 | 1158 | 1616 | 2.04 | 1.67 | 1.61 | 5.80 | 9.84 | 8.70 |
| 789 | 1246 | 3622.9 | 4.57 | 3.54 | 4.05 | 86 | 44.1 | 2950 | 3616.3 | 9.60 | 9.82 | 596 | 568 | 70.1 | 70.2 | 409 | 250988 | 166 | 49.1 | 1097 | 1615 | 2.05 | 1.65 | 1.58 | 5.80 | 9.83 | 8.70 |
| 790 | 1250 | 3623.2 | 4.05 | 3.77 | 4.08 | 86 | 43.9 | 2950 | 3616.5 | 9.64 | 9.79 | 594 | 578 | 70.3 | 70.1 | 409 | 251376 | 167 | 49.2 | 1316 | 1615 | 2.05 | 1.68 | 1.61 | 5.80 | 9.82 | 8.70 |
| 791 | 1255 | 3623.5 | 4.24 | 3.74 | 4.25 | 86 | 43.6 | 2950 | 3616.7 | 9.68 | 9.81 | 594 | 612 | 70.2 | 70.1 | 408 | 251746 | 167 | 49.2 | 1211 | 1614 | 2.05 | 1.67 | 1.60 | 5.80 | 9.80 | 8.70 |
| 792 | 1258 | 3623.8 | 5.76 | 3.88 | 4.19 | 86 | 43.9 | 2940 | 3616.9 | 9.68 | 9.81 | 594 | 649 | 70.2 | | | | | | | | | | | | | |