

| F# | TIME | DEPTH m | ROP m/hr | TORQUE | | RPM AVG | WOB AVG | PUMP PRES | RTRNS DEPTH | MW lb/gal | | FLOW/MIN | | TEMP (C) | PVT | THIS BIT | | | COST | | EST TW | DXC | NX | NKB | ECD | EST FM PR | |
|-----|------|------------|-------------|--------|------|------------|------------|--------------|----------------|-----------|------|----------|-----|----------|------|----------|--------|------|------|------|-----------|-----|------|------|------|--------------|------|
| | | | | AVG | MAX | | | | | IN | OUT | IN | OUT | | | IN | OUT | REVS | m | hrs | | | | | | | INST |
| 899 | 2057 | 2114.8 | 3.54 | 3.17 | 3.45 | 78 | 33.1 | 2430 | 2108.6 | 9.05 | 9.17 | 614 | 614 | 34.7 | 39.1 | 353 | 125048 | 113 | 24.2 | 1767 | 1226 | .56 | 1.67 | 1.66 | 2.45 | 9.12 | 8.70 |
| 900 | 2058 | 2115.0 | 4.02 | 3.21 | 3.57 | 79 | 36.9 | 2420 | 2108.7 | 9.05 | 9.17 | 616 | 616 | 34.7 | 39.1 | 349 | 125127 | 113 | 24.2 | 1568 | 1224 | .56 | 1.64 | 1.63 | 2.45 | 9.13 | 8.70 |
| 901 | 2100 | 2115.3 | 7.63 | 3.43 | 3.65 | 79 | 35.3 | 2420 | 2109.1 | 9.05 | 9.20 | 617 | 617 | 34.7 | 38.6 | 340 | 125283 | 113 | 24.3 | 454 | 1222 | .56 | 1.48 | 1.47 | 2.45 | 9.13 | 8.70 |
| 902 | 2106 | 2115.6 | 3.49 | 3.45 | 3.99 | 79 | 35.0 | 2420 | 2109.7 | 8.97 | 9.12 | 617 | 617 | 34.5 | 39.3 | 334 | 125722 | 114 | 24.4 | 3211 | 1223 | .56 | 1.70 | 1.69 | 2.45 | 9.13 | 8.70 |
| 903 | 2109 | 2115.9 | 5.77 | 3.46 | 3.84 | 79 | 35.0 | 2420 | 2109.9 | 9.05 | 9.14 | 617 | 617 | 34.6 | 39.1 | 331 | 125951 | 114 | 24.4 | 861 | 1222 | .56 | 1.56 | 1.55 | 2.45 | 9.13 | 8.70 |
| 904 | 2111 | 2116.3 | 8.27 | 3.21 | 3.58 | 79 | 36.2 | 2410 | 2110.1 | 9.08 | 9.02 | 616 | 616 | 34.7 | 39.5 | 331 | 126155 | 114 | 24.5 | 1031 | 1221 | .56 | 1.47 | 1.46 | 2.45 | 9.13 | 8.70 |
| 905 | 2115 | 2116.6 | 4.61 | 3.30 | 3.72 | 79 | 35.5 | 2430 | 2110.4 | 9.11 | 9.10 | 615 | 615 | 35.0 | 39.6 | 332 | 126433 | 115 | 24.5 | 2468 | 1220 | .56 | 1.63 | 1.62 | 2.45 | 9.13 | 8.70 |
| 906 | 2117 | 2116.8 | 6.87 | 3.26 | 3.66 | 79 | 34.0 | 2380 | 2110.6 | 9.11 | 9.14 | 616 | 616 | 35.1 | 39.6 | 328 | 126603 | 115 | 24.6 | 896 | 1218 | .56 | 1.50 | 1.48 | 2.45 | 9.13 | 8.70 |
| 907 | 2126 | 2117.2 | 2.18 | 3.32 | 3.73 | 79 | 35.3 | 2390 | 2111.4 | 9.07 | 9.16 | 615 | 615 | 35.4 | 39.5 | 323 | 127307 | 115 | 24.7 | \$ | 1221 | .57 | 1.84 | 1.82 | 2.45 | 9.13 | 8.70 |
| 908 | 2133 | 2117.4 | 2.32 | 3.40 | 3.72 | 79 | 35.9 | 2390 | 2112.1 | 9.10 | 9.16 | 615 | 615 | 35.2 | 39.5 | 288 | 127886 | 116 | 24.8 | 2266 | 1223 | .57 | 1.83 | 1.82 | 2.45 | 9.14 | 8.70 |
| 909 | 2139 | 2117.8 | 3.40 | 3.42 | 3.77 | 79 | 36.0 | 2390 | 2112.6 | 9.12 | 9.16 | 615 | 615 | 35.4 | 39.5 | 287 | 128334 | 116 | 24.9 | 1649 | 1224 | .57 | 1.72 | 1.71 | 2.45 | 9.15 | 8.70 |
| 910 | 2144 | 2118.1 | 3.42 | 3.36 | 3.70 | 79 | 35.4 | 2390 | 2113.0 | 9.09 | 9.14 | 615 | 615 | 35.5 | 39.7 | 286 | 128713 | 116 | 25.0 | 1472 | 1224 | .57 | 1.71 | 1.70 | 2.45 | 9.15 | 8.70 |
| 911 | 2148 | 2118.4 | 4.43 | 3.22 | 3.65 | 79 | 35.4 | 2390 | 2113.2 | 9.09 | 9.13 | 616 | 616 | 35.5 | 40.0 | 282 | 129021 | 116 | 25.1 | 1053 | 1224 | .57 | 1.64 | 1.62 | 2.45 | 9.15 | 8.70 |
| 912 | 2151 | 2118.7 | 6.04 | 3.28 | 3.68 | 79 | 34.8 | 2380 | 2113.5 | 9.09 | 9.12 | 616 | 616 | 35.5 | 40.1 | 279 | 129269 | 117 | 25.1 | 900 | 1223 | .57 | 1.54 | 1.53 | 2.45 | 9.15 | 8.70 |
| 913 | 2155 | 2119.0 | 4.69 | 3.23 | 3.60 | 79 | 35.4 | 2380 | 2113.7 | 9.05 | 9.12 | 615 | 615 | 35.7 | 39.8 | 281 | 129574 | 117 | 25.2 | 1293 | 1223 | .58 | 1.62 | 1.61 | 2.45 | 9.16 | 8.70 |
| 914 | 2203 | 2119.3 | 4.39 | 3.08 | 3.46 | 78 | 36.2 | 2380 | 2114.0 | 9.08 | 9.10 | 610 | 610 | 35.8 | 39.8 | 263 | 129877 | 117 | 25.2 | 1236 | 1223 | .58 | 1.65 | 1.63 | 2.45 | 9.16 | 8.70 |
| 915 | 2206 | 2119.6 | 4.66 | 3.15 | 3.50 | 78 | 35.6 | 2380 | 2114.4 | 9.04 | 9.10 | 614 | 614 | 35.7 | 39.6 | 256 | 130152 | 118 | 25.3 | 1006 | 1221 | .58 | 1.62 | 1.61 | 2.45 | 9.16 | 8.70 |
| 916 | 2211 | 2119.9 | 3.71 | 3.16 | 3.49 | 78 | 34.6 | 2330 | 2114.8 | 9.03 | 9.11 | 613 | 613 | 35.7 | 40.0 | 247 | 130535 | 118 | 25.4 | 1444 | 1222 | .58 | 1.67 | 1.66 | 2.45 | 9.16 | 8.70 |
| 917 | 2216 | 2120.2 | 3.88 | 3.29 | 3.53 | 78 | 35.0 | 2340 | 2115.2 | 9.07 | 9.12 | 613 | 613 | 35.6 | 39.9 | 245 | 130901 | 118 | 25.5 | 1339 | 1222 | .58 | 1.66 | 1.65 | 2.45 | 9.17 | 8.70 |
| 918 | 2219 | 2120.5 | 5.03 | 3.16 | 3.60 | 78 | 34.0 | 2340 | 2115.6 | 9.01 | 9.13 | 613 | 613 | 35.5 | 40.0 | 246 | 131128 | 119 | 25.5 | 1038 | 1221 | .58 | 1.58 | 1.56 | 2.45 | 9.16 | 8.70 |
| 919 | 2222 | 2120.8 | 5.81 | 3.18 | 3.45 | 78 | 34.6 | 2330 | 2115.8 | 9.07 | 9.15 | 613 | 613 | 35.5 | 39.8 | 242 | 131367 | 119 | 25.6 | 782 | 1220 | .58 | 1.54 | 1.53 | 2.45 | 9.16 | 8.70 |
| 920 | 2223 | 2121.1 | 7.05 | 3.14 | 3.47 | 78 | 34.2 | 2340 | 2115.9 | 9.02 | 9.15 | 613 | 613 | 35.4 | 39.9 | 243 | 131485 | 119 | 25.6 | 859 | 1218 | .58 | 1.48 | 1.47 | 2.45 | 9.16 | 8.70 |
| 921 | 2224 | 2121.4 | 15.1 | 3.12 | 3.47 | 78 | 33.2 | 2350 | 2116.0 | 9.05 | 9.15 | 613 | 613 | 35.4 | 39.9 | 242 | 131570 | 119 | 25.6 | 357 | 1216 | .58 | 1.26 | 1.25 | 2.46 | 9.15 | 8.70 |
| 922 | 2229 | 2121.7 | 3.61 | 3.17 | 3.41 | 78 | 33.7 | 2350 | 2116.2 | 9.03 | 9.16 | 613 | 613 | 35.4 | 40.0 | 241 | 131960 | 120 | 25.7 | 659 | 1216 | .59 | 1.67 | 1.66 | 2.46 | 9.14 | 8.70 |
| 923 | 2231 | 2122.0 | 9.84 | 3.22 | 3.47 | 78 | 34.5 | 2340 | 2116.4 | 9.10 | 9.15 | 613 | 613 | 35.4 | 40.2 | 237 | 132105 | 120 | 25.7 | 522 | 1214 | .59 | 1.40 | 1.39 | 2.46 | 9.12 | 8.70 |
| 924 | 2235 | 2122.3 | 4.43 | 3.30 | 3.59 | 78 | 36.4 | 2350 | 2116.7 | 9.10 | 9.17 | 613 | 613 | 35.4 | 40.3 | 236 | 132397 | 120 | 25.8 | 732 | 1213 | .59 | 1.65 | 1.64 | 2.46 | 9.12 | 8.70 |
| 925 | 2240 | 2122.7 | 4.12 | 3.13 | 3.42 | 78 | 35.2 | 2350 | 2117.1 | 9.10 | 9.19 | 614 | 614 | 35.4 | 40.3 | 236 | 132770 | 121 | 25.9 | 1125 | 1214 | .59 | 1.66 | 1.64 | 2.46 | 9.12 | 8.70 |
| 926 | 2241 | 2122.9 | 16.5 | 3.16 | 3.36 | 79 | 33.7 | 2300 | 2117.2 | 9.10 | 9.19 | 614 | 614 | 35.4 | 40.3 | 238 | 132850 | 121 | 25.9 | 537 | 1212 | .59 | 1.25 | 1.23 | 2.46 | 9.12 | 8.70 |
| 927 | 2244 | 2123.3 | 5.81 | 3.20 | 3.44 | 78 | 35.7 | 2320 | 2117.4 | 9.09 | 9.18 | 614 | 614 | 35.0 | 40.1 | 251 | 133110 | 121 | 25.9 | 713 | 1211 | .59 | 1.56 | 1.55 | 2.46 | 9.13 | 8.70 |
| 928 | 2243 | 2123.5 | 3.07 | 3.18 | 3.47 | 78 | 36.2 | 2340 | 2117.8 | 9.04 | 9.19 | 614 | 614 | 33.5 | 40.2 | 266 | 133447 | 122 | 26.0 | 1618 | 1210 | .59 | 1.75 | 1.74 | 2.46 | 9.13 | 8.70 |
| 929 | 2251 | 2123.8 | 6.28 | 3.17 | 3.48 | 78 | 34.7 | 2340 | 2118.0 | 9.09 | 9.20 | 614 | 614 | 33.0 | 40.4 | 276 | 133674 | 122 | 26.0 | 798 | 1209 | .59 | 1.53 | 1.51 | 2.46 | 9.14 | 8.70 |
| 930 | 2254 | 2124.2 | 6.21 | 3.08 | 3.40 | 78 | 34.5 | 2330 | 2118.3 | 9.09 | 9.20 | 615 | 615 | 32.7 | 40.6 | 284 | 133904 | 122 | 26.1 | 321 | 1208 | .59 | 1.53 | 1.52 | 2.46 | 9.13 | 8.70 |
| 931 | 2258 | 2124.5 | 4.40 | 3.08 | 3.40 | 78 | 35.1 | 2340 | 2118.6 | 9.14 | 9.21 | 614 | 614 | 32.4 | 40.3 | 296 | 134227 | 123 | 26.2 | 943 | 1208 | .60 | 1.63 | 1.62 | 2.46 | 9.13 | 8.70 |
| 932 | 2311 | 2124.8 | 4.92 | 3.14 | 3.44 | 78 | 35.1 | 2380 | 2119.2 | 9.10 | 9.17 | 615 | 615 | 32.1 | 38.9 | 356 | 134580 | 123 | 26.2 | 1032 | 1208 | .60 | 1.60 | 1.59 | 2.46 | 9.15 | 8.70 |
| 933 | 2313 | 2125.1 | 9.29 | 3.37 | 3.67 | 79 | 34.2 | 2400 | 2119.4 | 9.10 | 9.17 | 619 | 619 | 32.1 | 38.9 | 353 | 134721 | 123 | 26.3 | 911 | 1208 | .60 | 1.41 | 1.40 | 2.46 | 9.15 | 8.70 |
| 934 | 2315 | 2125.4 | 9.95 | 3.41 | 3.61 | 80 | 35.9 | 2390 | 2119.5 | 9.10 | 9.17 | 620 | 620 | 31.7 | 38.8 | 356 | 134852 | 123 | 26.3 | 514 | 1205 | .60 | 1.41 | 1.40 | 2.46 | 9.15 | 8.70 |
| 935 | 2320 | 2125.7 | 3.18 | 3.24 | 3.68 | 80 | 35.8 | 2370 | 2120.0 | 9.10 | 9.19 | 619 | 619 | 30.9 | 39.3 | 367 | 135282 | 124 | 26.4 | 926 | 1205 | .60 | 1.74 | 1.72 | 2.46 | 9.16 | 8.70 |
| 936 | 2322 | 2126.0 | 7.75 | 3.25 | 3.56 | 79 | 35.1 | 2360 | 2120.2 | 9.10 | 9.18 | 619 | 619 | 30.8 | 39.4 | 373 | 135479 | 124 | 26.4 | 679 | 1204 | .60 | 1.47 | 1.46 | 2.46 | 9.17 | 8.70 |
| 937 | 2325 | 2126.3 | 5.97 | 3.32 | 3.62 | 80 | 35.6 | 2360 | 2120.4 | 9.10 | 9.17 | 619 | 619 | 30.6 | 39.3 | 382 | 135710 | 124 | 26.5 | 721 | 1203 | .60 | 1.55 | 1.54 | 2.46 | 9.17 | 8.70 |
| 938 | 2329 | 2126.6 | 5.03 | 3.34 | 3.56 | 79 | 35.2 | 2360 | 2120.7 | 9.11 | 9.18 | 618 | 618 | 30.5 | 39.2 | 394 | 136011 | 125 | 26.5 | 1115 | 1203 | .60 | 1.60 | 1.58 | 2.46 | 9.17 | 8.70 |
| 939 | 2332 | 2126.9 | 5.83 | 3.15 | 3.61 | 80 | 36.0 | 2350 | 2121.0 | 9.07 | 9.18 | 617 | 617 | 30.5 | 39.1 | 402 | 136250 | 125 | 26.6 | 884 | 1202 | .60 | 1.56 | 1.55 | 2.46 | 9.18 | 8.70 |
| 940 | 2335 | 2127.2 | 6.44 | 3.18 | 3.53 | 80 | 36.8 | 2350 | 2121.2 | 9.08 | 9.18 | 617 | 617 | 30.4 | 39.1 | 410 | 136483 | 125 | 26.6 | 1010 | 1201 | .60 | 1.55 | 1.53 | 2.46 | 9.18 | 8.70 |
| 941 | 2337 | 2127.5 | 7.71 | 3.37 | 3.53 | 80 | 37.2 | 2320 | 2121.5 | 9.09 | 9.18 | 617 | 617 | 30.5 | 39.0 | 414 | 136671 | 126 | 26.7 | 678 | 1199 | .61 | 1.50 | 1.48 | 2.46 | 9.18 | 8.70 |
| 942 | 2341 | 2127.8 | 5.17 | 3.24 | 3.58 | 80 | 36.5 | 2340 | 2121.9 | 9.08 | 9.19 | 617 | 617 | 30.5 | 38.9 | 428 | 136951 | 126 | 26.7 | -795 | 1199 | .61 | 1.60 | 1.59 | 2.46 | 9.18 | 8.70 |
| 943 | 2344 | 2128.1 | 6.76 | 3.30 | 3.66 | 80 | 38.7 | 2330 | 2122.1 | 9.10 | 9.17 | 617 | 617 | 30.6 | 39.0 | 436 | 137160 | 126 | 26.8 | 727 | 1198 | .61 | 1.56 | 1.54 | 2.46 | 9.19 | 8.70 |
| 944 | 2346 | 2128.5 | 7.95 | 3.10 | 3.54 | 80 | 37.1 | 2320 | 2122.3 | 9.10 | 9.17 | 616 | 616 | 30.6 | 39.0 | 442 | 137365 | 126 | 26.8 | 792 | 1197 | .61 | 1.49 | 1.47 | 2.47 | 9.19 | 8.70 |
| 945 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |