

TICKET NO: 54107500

CLOCK NO: 16710 HOUR: 24



GAUGE NO: 7303

DEPTH: 12470.0

| REF | MINUTES | PRESSURE | ΔP | $\frac{t \times \Delta t}{t + \Delta t}$ | $\log \frac{t + \Delta t}{\Delta t}$ |
|------------------------|---------|----------|--------|--|--------------------------------------|
| FIRST FLOW | | | | | |
| B | 1 | 0.0 | 695.6 | | |
| | 2 | 5.0 | 687.7 | -7.9 | |
| | 3 | 10.0 | 673.8 | -13.9 | |
| | 4 | 15.0 | 684.9 | 11.0 | |
| | 5 | 20.0 | 702.8 | 18.0 | |
| | 6 | 25.0 | 718.0 | 15.1 | |
| C | 7 | 28.3 | 731.9 | 13.9 | |
| FIRST CLOSED-IN | | | | | |
| C | 1 | 0.0 | 731.9 | | |
| | 2 | 1.0 | 978.2 | 246.4 | 1.0 1.467 |
| | 3 | 2.0 | 1267.4 | 535.5 | 1.8 1.187 |
| | 4 | 3.0 | 1585.9 | 854.0 | 2.7 1.015 |
| | 5 | 4.0 | 1900.9 | 1169.1 | 3.5 0.907 |
| | 6 | 5.0 | 2247.5 | 1515.6 | 4.2 0.826 |
| | 7 | 6.0 | 2589.3 | 1857.4 | 5.0 0.757 |
| | 8 | 7.0 | 2922.0 | 2190.2 | 5.6 0.703 |
| | 9 | 8.0 | 3226.5 | 2494.6 | 6.2 0.658 |
| | 10 | 9.0 | 3533.8 | 2801.9 | 6.8 0.618 |
| | 11 | 10.0 | 3754.6 | 3022.7 | 7.4 0.582 |
| | 12 | 12.0 | 4046.5 | 3314.7 | 8.4 0.527 |
| | 13 | 14.0 | 4330.1 | 3598.2 | 9.4 0.481 |
| | 14 | 16.0 | 4505.7 | 3773.8 | 10.2 0.443 |
| | 15 | 18.0 | 4644.3 | 3912.4 | 11.0 0.410 |
| | 16 | 20.0 | 4748.4 | 4016.6 | 11.7 0.384 |
| | 17 | 22.0 | 4835.4 | 4103.6 | 12.4 0.359 |
| | 18 | 24.0 | 4917.7 | 4185.9 | 13.0 0.338 |
| | 19 | 26.0 | 4984.8 | 4252.9 | 13.6 0.320 |
| | 20 | 28.0 | 5054.0 | 4322.1 | 14.1 0.303 |
| | 21 | 30.0 | 5110.8 | 4378.9 | 14.6 0.289 |
| | 22 | 35.0 | 5242.9 | 4511.0 | 15.7 0.258 |
| | 23 | 40.0 | 5356.2 | 4624.3 | 16.6 0.232 |
| | 24 | 45.0 | 5453.3 | 4721.5 | 17.4 0.212 |
| | 25 | 50.0 | 5533.3 | 4801.5 | 18.1 0.195 |
| | 26 | 55.0 | 5607.0 | 4875.1 | 18.7 0.180 |
| D | 27 | 60.7 | 5683.2 | 4951.3 | 19.3 0.166 |
| SECOND FLOW | | | | | |
| | 1 | 0.0 | 791.8 | | |
| | 2 | 10.0 | 816.4 | 24.6 | |
| | 3 | 20.0 | 839.7 | 23.3 | |
| | 4 | 30.0 | 863.1 | 23.3 | |
| | 5 | 40.0 | 887.4 | 24.3 | |
| | 6 | 50.0 | 910.4 | 23.0 | |
| | 7 | 60.0 | 932.2 | 21.8 | |
| | 8 | 70.0 | 952.1 | 19.9 | |
| | 9 | 80.0 | 971.6 | 19.6 | |
| | 10 | 90.0 | 990.9 | 19.2 | |

| REF | MINUTES | PRESSURE | ΔP | $\frac{t \times \Delta t}{t + \Delta t}$ | $\log \frac{t + \Delta t}{\Delta t}$ |
|--------------------------------|---------|----------|--------|--|--------------------------------------|
| SECOND FLOW - CONTINUED | | | | | |
| | 11 | 100.0 | 1011.3 | 20.4 | |
| | 12 | 110.0 | 1029.5 | 18.2 | |
| F | 13 | 122.0 | 1054.2 | 24.8 | |
| SECOND CLOSED-IN | | | | | |
| F | 1 | 0.0 | 1054.2 | | |
| | 2 | 1.0 | 1306.9 | 252.7 | 1.0 2.172 |
| | 3 | 2.0 | 1514.1 | 459.9 | 1.9 1.887 |
| | 4 | 3.0 | 1731.7 | 677.4 | 2.9 1.709 |
| | 5 | 4.0 | 1921.9 | 867.7 | 3.9 1.585 |
| | 6 | 5.0 | 2156.0 | 1101.7 | 4.8 1.495 |
| | 7 | 6.0 | 2330.8 | 1276.6 | 5.8 1.417 |
| | 8 | 7.0 | 2492.5 | 1438.2 | 6.7 1.353 |
| | 9 | 8.0 | 2646.9 | 1592.6 | 7.6 1.295 |
| | 10 | 9.0 | 2777.7 | 1723.4 | 8.5 1.248 |
| | 11 | 10.0 | 2887.4 | 1833.2 | 9.4 1.205 |
| | 12 | 12.0 | 3093.1 | 2038.8 | 11.1 1.130 |
| | 13 | 14.0 | 3251.1 | 2196.9 | 12.8 1.068 |
| | 14 | 16.0 | 3393.7 | 2339.5 | 14.5 1.016 |
| | 15 | 18.0 | 3492.4 | 2438.2 | 16.1 0.970 |
| | 16 | 20.0 | 3578.5 | 2524.3 | 17.6 0.930 |
| | 17 | 22.0 | 3656.8 | 2602.6 | 19.2 0.893 |
| | 18 | 24.0 | 3710.4 | 2656.2 | 20.7 0.861 |
| | 19 | 26.0 | 3788.6 | 2734.4 | 22.2 0.831 |
| | 20 | 28.0 | 3850.2 | 2795.9 | 23.6 0.804 |
| | 21 | 30.0 | 3889.3 | 2835.0 | 25.0 0.779 |
| | 22 | 35.0 | 3991.2 | 2936.9 | 28.4 0.724 |
| | 23 | 40.0 | 4067.1 | 3012.9 | 31.6 0.677 |
| | 24 | 45.0 | 4159.8 | 3105.6 | 34.6 0.638 |
| | 25 | 50.0 | 4232.9 | 3178.7 | 37.5 0.603 |
| | 26 | 55.0 | 4297.5 | 3243.2 | 40.3 0.572 |
| | 27 | 60.0 | 4350.9 | 3296.7 | 42.9 0.544 |
| | 28 | 70.0 | 4457.3 | 3403.0 | 47.7 0.498 |
| | 29 | 80.0 | 4540.5 | 3486.3 | 52.2 0.459 |
| | 30 | 90.0 | 4625.3 | 3571.1 | 56.3 0.427 |
| | 31 | 100.0 | 4697.5 | 3643.2 | 60.0 0.398 |
| | 32 | 110.0 | 4764.6 | 3710.3 | 63.5 0.374 |
| | 33 | 120.0 | 4823.4 | 3769.2 | 66.7 0.353 |
| | 34 | 135.0 | 4900.0 | 3845.8 | 71.1 0.325 |
| | 35 | 150.0 | 4978.5 | 3924.2 | 75.1 0.301 |
| | 36 | 165.0 | 5037.8 | 3983.5 | 78.6 0.281 |
| | 37 | 180.0 | 5094.0 | 4039.7 | 81.9 0.264 |
| | 38 | 195.0 | 5143.2 | 4088.9 | 84.9 0.248 |
| | 39 | 210.0 | 5185.1 | 4130.8 | 87.6 0.234 |
| | 40 | 225.0 | 5224.1 | 4169.9 | 90.1 0.222 |
| | 41 | 240.0 | 5265.4 | 4211.2 | 92.4 0.211 |
| | 42 | 260.0 | 5306.3 | 4252.1 | 95.2 0.198 |
| | 43 | 280.0 | 5338.1 | 4283.9 | 97.8 0.187 |
| G | 44 | 299.0 | 5364.8 | 4310.5 | 100.0 0.177 |