

| Gauge No.         |                  | 1516                     |                                  | Depth              |                  | 11341'                           |                  | Clock No.         |                                  | 6115                     |                  | 24 hour                          |                  | Ticket No.               |                                  | 631295           |                  |
|-------------------|------------------|--------------------------|----------------------------------|--------------------|------------------|----------------------------------|------------------|-------------------|----------------------------------|--------------------------|------------------|----------------------------------|------------------|--------------------------|----------------------------------|------------------|------------------|
| First Flow Period |                  | First Closed In Pressure |                                  | Second Flow Period |                  | Second Closed In Pressure        |                  | Third Flow Period |                                  | Third Closed In Pressure |                  | Third Flow Period                |                  | Third Closed In Pressure |                                  | PSIG Temp. Corr. |                  |
| Time Defl. .000"  | PSIG Temp. Corr. | Time Defl. .000"         | $\log \frac{t + \theta}{\theta}$ | PSIG Temp. Corr.   | Time Defl. .000" | $\log \frac{t + \theta}{\theta}$ | PSIG Temp. Corr. | Time Defl. .000"  | $\log \frac{t + \theta}{\theta}$ | PSIG Temp. Corr.         | Time Defl. .000" | $\log \frac{t + \theta}{\theta}$ | PSIG Temp. Corr. | Time Defl. .000"         | $\log \frac{t + \theta}{\theta}$ | PSIG Temp. Corr. | Time Defl. .000" |
| 0 .000            | 29550            | .000                     | ---                              | 3359               | .000             | 2903                             | .000             | .000              | ---                              | 4091                     | .000             | ---                              | 4091             | .000                     | ---                              | 4091             |                  |
| 1 .013            | P                | .0270                    | .466                             | 4192               | .0506            | 3377                             | .0608            | .0608             | .836                             | 4184**                   | .0608            | .836                             | 4184**           | .0608                    | .836                             | 4184**           |                  |
| 2 .026            | 3067             | .0540                    | .293                             | 4208               | .1012            | 4069                             | .1148            | .1148             | .613                             | 4192                     | .1148            | .613                             | 4192             | .1148                    | .613                             | 4192             |                  |
| 3 .039            | 3212             | .0810                    | .215                             | 4217               | .1518            | 4159                             | .1688            | .1688             | .493                             | 4197                     | .1688            | .493                             | 4197             | .1688                    | .493                             | 4197             |                  |
| 4 .052            | 3359             | .1080                    | .171                             | 4226               | .2025            | 4122                             | .2228            | .2228             | .415                             | 4199                     | .2228            | .415                             | 4199             | .2228                    | .415                             | 4199             |                  |
| 5                 |                  | .1350                    | .142                             | 4230               | .2530            | 4111                             | .2768            | .2768             | .359                             | 4201                     | .2768            | .359                             | 4201             | .2768                    | .359                             | 4201             |                  |
| 6                 |                  | .1620                    | .121                             | 4232               | .3040            | 4091                             | .3308            | .3308             | .317                             | 4204                     | .3308            | .317                             | 4204             | .3308                    | .317                             | 4204             |                  |
| 7                 |                  | .1890                    | .106                             | 4237               |                  |                                  | .3848            | .3848             | .284                             | 4206                     | .3848            | .284                             | 4206             | .3848                    | .284                             | 4206             |                  |
| 8                 |                  | .2160                    | .094                             | 4239               |                  |                                  | .4388            | .4388             | .258                             | 4208                     | .4388            | .258                             | 4208             | .4388                    | .258                             | 4208             |                  |
| 9                 |                  | .2430                    | .084                             | 4241               |                  |                                  | .4928            | .4928             | .236                             | 4210                     | .4928            | .236                             | 4210             | .4928                    | .236                             | 4210             |                  |
| 10                |                  | .2700                    | .076                             | 4243               |                  |                                  | .5468            | .5468             | .218                             | 4212                     | .5468            | .218                             | 4212             | .5468                    | .218                             | 4212             |                  |
| 11                |                  | .2970                    | .070                             | 4246               |                  |                                  | .6008            | .6008             | .202                             | 4215                     | .6008            | .202                             | 4215             | .6008                    | .202                             | 4215             |                  |
| 12                |                  | .3240                    | .065                             | 4246               |                  |                                  | .6548            | .6548             | .189                             | 4215                     | .6548            | .189                             | 4215             | .6548                    | .189                             | 4215             |                  |
| 13                |                  | .3510                    | .060                             | 4246               |                  |                                  | .7088            | .7088             | .177                             | 4215                     | .7088            | .177                             | 4215             | .7088                    | .177                             | 4215             |                  |
| 14                |                  | .3780                    | .056                             | 4246               |                  |                                  | .7628            | .7628             | .166                             | 4215                     | .7628            | .166                             | 4215             | .7628                    | .166                             | 4215             |                  |
| 15                |                  | .4290                    | .050                             | 4246*              |                  |                                  | .8170            | .8170             | .157                             | 4215                     | .8170            | .157                             | 4215             | .8170                    | .157                             | 4215             |                  |

| Gauge No.          |                  | 1496                     |                                  | Depth              |                  | 11346'                           |                  | Clock No.         |                                  | 4099                     |                  | hour                             |                  | 24                       |                                  |                  |  |
|--------------------|------------------|--------------------------|----------------------------------|--------------------|------------------|----------------------------------|------------------|-------------------|----------------------------------|--------------------------|------------------|----------------------------------|------------------|--------------------------|----------------------------------|------------------|--|
| First Flow Period  |                  | First Closed In Pressure |                                  | Second Flow Period |                  | Second Closed In Pressure        |                  | Third Flow Period |                                  | Third Closed In Pressure |                  | Third Flow Period                |                  | Third Closed In Pressure |                                  |                  |  |
| Time Defl. .000"   | PSIG Temp. Corr. | Time Defl. .000"         | $\log \frac{t + \theta}{\theta}$ | PSIG Temp. Corr.   | Time Defl. .000" | $\log \frac{t + \theta}{\theta}$ | PSIG Temp. Corr. | Time Defl. .000"  | $\log \frac{t + \theta}{\theta}$ | PSIG Temp. Corr.         | Time Defl. .000" | $\log \frac{t + \theta}{\theta}$ | PSIG Temp. Corr. | Time Defl. .000"         | $\log \frac{t + \theta}{\theta}$ | PSIG Temp. Corr. |  |
| 0 .000             | 2852             | .000                     | ---                              | 3401               | .000             | 2935                             | .000             | .000              | ---                              | 4117                     | .000             | ---                              | 4117             | .000                     | ---                              | 4117             |  |
| 1 .0138            | P                | .0268                    | .485                             | 4222               | .0505            | 3434                             | .0605            | .0605             | .840                             | 4216**                   | .0605            | .840                             | 4216**           | .0605                    | .840                             | 4216**           |  |
| 2 .0276            | 3092             | .0536                    | .307                             | 4240               | .1010            | 4090                             | .1143            | .1143             | .616                             | 4225                     | .1143            | .616                             | 4225             | .1143                    | .616                             | 4225             |  |
| 3 .0414            | 3225             | .0804                    | .226                             | 4249               | .1515            | 4188                             | .1681            | .1681             | .496                             | 4229                     | .1681            | .496                             | 4229             | .1681                    | .496                             | 4229             |  |
| 4 .0550            | 3401             | .1072                    | .180                             | 4256               | .2020            | 4156                             | .2219            | .2219             | .417                             | 4233                     | .2219            | .417                             | 4233             | .2219                    | .417                             | 4233             |  |
| 5                  |                  | .1340                    | .149                             | 4262               | .2525            | 4141                             | .2757            | .2757             | .361                             | 4236                     | .2757            | .361                             | 4236             | .2757                    | .361                             | 4236             |  |
| 6                  |                  | .1608                    | .128                             | 4264               | .3080            | 4117                             | .3295            | .3295             | .319                             | 4238                     | .3295            | .319                             | 4238             | .3295                    | .319                             | 4238             |  |
| 7                  |                  | .1876                    | .112                             | 4267               |                  |                                  | .3833            | .3833             | .286                             | 4240                     | .3833            | .286                             | 4240             | .3833                    | .286                             | 4240             |  |
| 8                  |                  | .2144                    | .099                             | 4269               |                  |                                  | .4371            | .4371             | .260                             | 4242                     | .4371            | .260                             | 4242             | .4371                    | .260                             | 4242             |  |
| 9                  |                  | .2412                    | .089                             | 4271               |                  |                                  | .4909            | .4909             | .238                             | 4244                     | .4909            | .238                             | 4244             | .4909                    | .238                             | 4244             |  |
| 10                 |                  | .2680                    | .081                             | 4275               |                  |                                  | .5447            | .5447             | .219                             | 4247                     | .5447            | .219                             | 4247             | .5447                    | .219                             | 4247             |  |
| 11                 |                  | .2948                    | .074                             | 4278               |                  |                                  | .5985            | .5985             | .204                             | 4249                     | .5985            | .204                             | 4249             | .5985                    | .204                             | 4249             |  |
| 12                 |                  | .3216                    | .069                             | 4278               |                  |                                  | .6523            | .6523             | .190                             | 4249                     | .6523            | .190                             | 4249             | .6523                    | .190                             | 4249             |  |
| 13                 |                  | .3484                    | .064                             | 4278               |                  |                                  | .7061            | .7061             | .178                             | 4249                     | .7061            | .178                             | 4249             | .7061                    | .178                             | 4249             |  |
| 14                 |                  | .3752                    | .059                             | 4278               |                  |                                  | .7599            | .7599             | .168                             | 4249                     | .7599            | .168                             | 4249             | .7599                    | .168                             | 4249             |  |
| 15                 |                  | .4260                    | .053                             | 4278*              |                  |                                  | .8130            | .8130             | .158                             | 4249                     | .8130            | .158                             | 4249             | .8130                    | .158                             | 4249             |  |
| Reading interval 4 |                  | 8                        |                                  | 15                 |                  | 16                               |                  | 16                |                                  | 16                       |                  | 16                               |                  | 16                       |                                  | Minutes          |  |

|            |                                     |                                       |                |
|------------|-------------------------------------|---------------------------------------|----------------|
| REMARKS:   | * Last interval equal to 15 minutes | ** First interval equal to 18 minutes | Q-Questionable |
| P-Plugging |                                     |                                       |                |