

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 1341.11 PSIA  
PRODUCING TIME = 1.008 HR

| TIME<br>OF DAY<br>HH:MM:SS | DATE<br>DD-MMM | ELAPSED<br>TIME, HR | DELTA<br>TIME, HR | BOT HOLE<br>TEMP.<br>DEG F | BOT HOLE<br>PRESSURE<br>PSIA | DELTA P<br>PSI | LOG<br>HORNER<br>TIME |
|----------------------------|----------------|---------------------|-------------------|----------------------------|------------------------------|----------------|-----------------------|
| 23:15:04                   | 6-MAY          | 38.268              | 36.106            | 155.97                     | 3061.48                      | 1720.37        | 0.0120                |
| 0:17:24                    | 7-MAY          | 39.307              | 37.144            | 156.00                     | 3063.27                      | 1722.16        | 0.0116                |
| 1:18:44                    | 7-MAY          | 40.329              | 38.167            | 156.00                     | 3064.97                      | 1723.86        | 0.0113                |
| 2:20:24                    | 7-MAY          | 41.357              | 39.194            | 156.02                     | 3066.63                      | 1725.52        | 0.0110                |
| 3:20:44                    | 7-MAY          | 42.362              | 40.200            | 156.04                     | 3068.22                      | 1727.11        | 0.0108                |
| 4:25:34                    | 7-MAY          | 43.443              | 41.281            | 156.06                     | 3069.88                      | 1728.77        | 0.0105                |
| 5:28:04                    | 7-MAY          | 44.485              | 42.322            | 156.07                     | 3071.43                      | 1730.32        | 0.0102                |
| 6:33:34                    | 7-MAY          | 45.576              | 43.414            | 156.07                     | 3072.99                      | 1731.88        | 0.0100                |
| 7:34:14                    | 7-MAY          | 46.587              | 44.425            | 156.09                     | 3074.43                      | 1733.32        | 0.0097                |
| 8:36:34                    | 7-MAY          | 47.626              | 45.464            | 156.09                     | 3075.86                      | 1734.75        | 0.0095                |
| 9:39:04                    | 7-MAY          | 48.668              | 46.506            | 156.11                     | 3077.25                      | 1736.14        | 0.0093                |
| 10:40:24                   | 7-MAY          | 49.690              | 47.528            | 156.13                     | 3078.58                      | 1737.47        | 0.0091                |
| 11:42:14                   | 7-MAY          | 50.721              | 48.558            | 156.13                     | 3079.89                      | 1738.78        | 0.0089                |
| 12:47:24                   | 7-MAY          | 51.807              | 49.644            | 156.15                     | 3081.24                      | 1740.13        | 0.0087                |
| 13:48:14                   | 7-MAY          | 52.820              | 50.658            | 156.15                     | 3082.45                      | 1741.34        | 0.0086                |
| 14:50:34                   | 7-MAY          | 53.860              | 51.697            | 156.16                     | 3083.67                      | 1742.56        | 0.0084                |
| 16:02:34                   | 7-MAY          | 55.060              | 52.897            | 156.16                     | 3085.06                      | 1743.95        | 0.0082                |
| 17:04:24                   | 7-MAY          | 56.090              | 53.928            | 156.18                     | 3086.22                      | 1745.11        | 0.0080                |
| 18:04:54                   | 7-MAY          | 57.098              | 54.936            | 156.18                     | 3087.33                      | 1746.22        | 0.0079                |
| 19:05:24                   | 7-MAY          | 58.107              | 55.944            | 156.20                     | 3088.42                      | 1747.31        | 0.0078                |
| 20:05:54                   | 7-MAY          | 59.115              | 56.953            | 156.20                     | 3089.49                      | 1748.38        | 0.0076                |
| 21:06:24                   | 7-MAY          | 60.123              | 57.961            | 156.22                     | 3090.54                      | 1749.43        | 0.0075                |
| 22:06:54                   | 7-MAY          | 61.132              | 58.969            | 156.22                     | 3091.56                      | 1750.45        | 0.0074                |
| 23:07:24                   | 7-MAY          | 62.140              | 59.978            | 156.22                     | 3092.58                      | 1751.47        | 0.0072                |
| 0:09:54                    | 8-MAY          | 63.182              | 61.019            | 156.22                     | 3093.61                      | 1752.50        | 0.0071                |
| 1:10:04                    | 8-MAY          | 64.185              | 62.022            | 156.24                     | 3094.58                      | 1753.47        | 0.0070                |
| 2:15:54                    | 8-MAY          | 65.282              | 63.119            | 156.24                     | 3095.62                      | 1754.51        | 0.0069                |
| 3:30:44                    | 8-MAY          | 66.529              | 64.367            | 156.25                     | 3096.78                      | 1755.67        | 0.0068                |
| 4:33:54                    | 8-MAY          | 67.582              | 65.419            | 156.25                     | 3097.74                      | 1756.63        | 0.0066                |
| 5:36:54                    | 8-MAY          | 68.632              | 66.469            | 156.25                     | 3098.67                      | 1757.56        | 0.0065                |
| 6:46:54                    | 8-MAY          | 69.798              | 67.636            | 156.25                     | 3099.70                      | 1758.59        | 0.0064                |
| 7:49:04                    | 8-MAY          | 70.834              | 68.672            | 156.27                     | 3100.59                      | 1759.48        | 0.0063                |
| 8:50:34                    | 8-MAY          | 71.859              | 69.697            | 156.27                     | 3101.46                      | 1760.35        | 0.0062                |
| 9:55:04                    | 8-MAY          | 72.934              | 70.772            | 156.27                     | 3102.36                      | 1761.25        | 0.0061                |
| 10:56:14                   | 8-MAY          | 73.954              | 71.792            | 156.27                     | 3103.19                      | 1762.08        | 0.0061                |
| 12:04:34                   | 8-MAY          | 75.093              | 72.931            | 156.29                     | 3104.11                      | 1763.00        | 0.0060                |
| 13:04:54                   | 8-MAY          | 76.098              | 73.936            | 156.29                     | 3104.91                      | 1763.80        | 0.0059                |
| 14:09:14                   | 8-MAY          | 77.171              | 75.008            | 156.29                     | 3105.74                      | 1764.63        | 0.0058                |
| 15:10:34                   | 8-MAY          | 78.193              | 76.031            | 156.29                     | 3106.52                      | 1765.41        | 0.0057                |
| 16:13:54                   | 8-MAY          | 79.248              | 77.086            | 156.31                     | 3107.33                      | 1766.22        | 0.0056                |
| 17:14:14                   | 8-MAY          | 80.254              | 78.092            | 156.31                     | 3108.08                      | 1766.97        | 0.0056                |
| 18:14:14                   | 8-MAY          | 81.254              | 79.092            | 156.31                     | 3108.80                      | 1767.69        | 0.0055                |
| 19:18:44                   | 8-MAY          | 82.329              | 80.167            | 156.31                     | 3109.58                      | 1768.47        | 0.0054                |
| 20:20:24                   | 8-MAY          | 83.357              | 81.194            | 156.33                     | 3110.32                      | 1769.21        | 0.0054                |
| 21:24:24                   | 8-MAY          | 84.423              | 82.261            | 156.33                     | 3111.08                      | 1769.97        | 0.0053                |
| 22:27:54                   | 8-MAY          | 85.482              | 83.319            | 156.33                     | 3111.82                      | 1770.71        | 0.0052                |
| 23:29:44                   | 8-MAY          | 86.512              | 84.350            | 156.33                     | 3112.53                      | 1771.42        | 0.0052                |
| 0:30:54                    | 9-MAY          | 87.532              | 85.369            | 156.33                     | 3113.22                      | 1772.11        | 0.0051                |
| 1:31:34                    | 9-MAY          | 88.543              | 86.381            | 156.33                     | 3113.89                      | 1772.78        | 0.0050                |
| 2:35:54                    | 9-MAY          | 89.615              | 87.453            | 156.34                     | 3114.60                      | 1773.49        | 0.0050                |