

TEST PHASE: SHUTIN PERIOD # 2

FINAL FLOW PRESSURE = 1234.60 PSIA  
 PRODUCING TIME = 150.53 MIN

| TIME OF DAY<br>HH:MM:SS | DATE<br>DD-MMM | ELAPSED TIME, MIN | DELTA TIME, MIN | BOT HOLE TEMP.<br>DEG F | BOT HOLE PRESSURE<br>PSIA | DELTA P<br>PSI | LOG HORNER TIME |
|-------------------------|----------------|-------------------|-----------------|-------------------------|---------------------------|----------------|-----------------|
| 20:43:17                | 3-FEB          | 876.28            | 178.80          | 169.38                  | 6715.17                   | 5480.57        | 0.2653          |
| 20:50:05                | 3-FEB          | 883.08            | 185.60          | 169.30                  | 6721.77                   | 5487.17        | 0.2579          |
| 21:07:09                | 3-FEB          | 900.15            | 202.67          | 169.14                  | 6736.60                   | 5502.00        | 0.2412          |
| 21:26:05                | 3-FEB          | 919.08            | 221.60          | 168.94                  | 6750.91                   | 5516.31        | 0.2251          |
| 21:44:13                | 3-FEB          | 937.22            | 239.74          | 168.80                  | 6762.85                   | 5528.25        | 0.2116          |
| 22:02:21                | 3-FEB          | 955.35            | 257.87          | 168.66                  | 6773.26                   | 5538.66        | 0.1997          |
| 22:17:41                | 3-FEB          | 970.68            | 273.20          | 168.57                  | 6781.29                   | 5546.69        | 0.1906          |
| 22:34:21                | 3-FEB          | 987.35            | 289.87          | 168.48                  | 6789.07                   | 5554.47        | 0.1816          |
| 22:51:01                | 3-FEB          | 1004.02           | 306.54          | 168.39                  | 6796.20                   | 5561.60        | 0.1735          |
| 23:09:01                | 3-FEB          | 1022.02           | 324.54          | 168.35                  | 6803.10                   | 5568.50        | 0.1655          |
| 23:24:53                | 3-FEB          | 1037.88           | 340.40          | 168.30                  | 6808.66                   | 5574.06        | 0.1590          |
| 23:41:33                | 3-FEB          | 1054.55           | 357.07          | 168.26                  | 6813.99                   | 5579.39        | 0.1528          |
| 23:57:17                | 3-FEB          | 1070.28           | 372.80          | 168.22                  | 6818.64                   | 5584.04        | 0.1473          |
| 0:13:33                 | 4-FEB          | 1086.55           | 389.07          | 168.21                  | 6823.09                   | 5588.49        | 0.1420          |
| 0:34:53                 | 4-FEB          | 1107.88           | 410.40          | 168.19                  | 6828.39                   | 5593.79        | 0.1357          |
| 0:55:01                 | 4-FEB          | 1128.02           | 430.54          | 168.19                  | 6832.91                   | 5598.31        | 0.1302          |
| 1:14:13                 | 4-FEB          | 1147.22           | 449.74          | 168.19                  | 6836.95                   | 5602.35        | 0.1254          |
| 1:31:33                 | 4-FEB          | 1164.55           | 467.07          | 168.19                  | 6840.30                   | 5605.70        | 0.1213          |
| 1:49:25                 | 4-FEB          | 1182.42           | 484.94          | 168.19                  | 6843.48                   | 5608.88        | 0.1174          |
| 2:05:41                 | 4-FEB          | 1198.68           | 501.20          | 168.19                  | 6846.23                   | 5611.63        | 0.1141          |
| 2:25:09                 | 4-FEB          | 1218.15           | 520.67          | 168.21                  | 6849.31                   | 5614.71        | 0.1103          |
| 2:41:57                 | 4-FEB          | 1234.95           | 537.47          | 168.21                  | 6851.78                   | 5617.18        | 0.1072          |
| 2:57:09                 | 4-FEB          | 1250.15           | 552.67          | 168.22                  | 6853.90                   | 5619.30        | 0.1046          |
| 3:20:29                 | 4-FEB          | 1273.48           | 576.00          | 168.24                  | 6856.91                   | 5622.31        | 0.1008          |
| 3:41:09                 | 4-FEB          | 1294.15           | 596.67          | 168.26                  | 6859.47                   | 5624.87        | 0.0977          |
| 4:01:57                 | 4-FEB          | 1314.95           | 617.47          | 168.28                  | 6861.83                   | 5627.23        | 0.0947          |
| 4:17:49                 | 4-FEB          | 1330.82           | 633.34          | 168.30                  | 6863.56                   | 5628.96        | 0.0926          |
| 4:33:17                 | 4-FEB          | 1346.28           | 648.80          | 168.31                  | 6865.13                   | 5630.53        | 0.0906          |
| 4:49:17                 | 4-FEB          | 1362.28           | 664.80          | 168.33                  | 6866.69                   | 5632.09        | 0.0886          |
| 5:08:53                 | 4-FEB          | 1381.88           | 684.40          | 168.35                  | 6868.55                   | 5633.95        | 0.0863          |
| 5:26:29                 | 4-FEB          | 1399.48           | 702.00          | 168.37                  | 6870.11                   | 5635.51        | 0.0844          |
| 5:42:21                 | 4-FEB          | 1415.35           | 717.87          | 168.39                  | 6871.49                   | 5636.89        | 0.0827          |
| 5:57:33                 | 4-FEB          | 1430.55           | 733.07          | 168.40                  | 6872.71                   | 5638.11        | 0.0811          |
| 6:12:45                 | 4-FEB          | 1445.75           | 748.27          | 168.42                  | 6873.94                   | 5639.34        | 0.0796          |
| 6:31:01                 | 4-FEB          | 1464.02           | 766.54          | 168.46                  | 6875.33                   | 5640.73        | 0.0779          |
| 6:47:09                 | 4-FEB          | 1480.15           | 782.67          | 168.48                  | 6876.52                   | 5641.92        | 0.0764          |
| 7:04:13                 | 4-FEB          | 1497.22           | 799.74          | 168.49                  | 6877.72                   | 5643.12        | 0.0749          |
| 7:06:21                 | 4-FEB          | 1499.35           | 801.87          | 168.49                  | 6877.91                   | 5643.31        | 0.0747          |