

## TEST PHASE: FLOW PERIOD # 1

| TIME<br>OF DAY<br>HH:MM:SS | DATE<br>DD-MMM | ELAPSED<br>TIME, MIN | DELTA<br>TIME, MIN | BOT HOLE<br>TEMP.<br>DEG F | BOT HOLE<br>PRESSURE<br>PSIA |
|----------------------------|----------------|----------------------|--------------------|----------------------------|------------------------------|
| 14:09:17                   | 3-FEB          | 482.28               | 0.00               | 160.79                     | 2160.24                      |
| 14:24:21                   | 3-FEB          | 497.35               | 15.07              | 159.08                     | 2135.64                      |
| 14:39:09                   | 3-FEB          | 512.15               | 29.87              | 158.52                     | 2429.75                      |

## TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE - 2429.75 PSIA  
PRODUCING TIME - 29.87 MIN

| TIME<br>OF DAY<br>HH:MM:SS | DATE<br>DD-MMM | ELAPSED<br>TIME, MIN | DELTA<br>TIME, MIN | BOT HOLE<br>TEMP.<br>DEG F | BOT HOLE<br>PRESSURE<br>PSIA | DELTA P<br>PSI | LOG<br>HORNER<br>TIME |
|----------------------------|----------------|----------------------|--------------------|----------------------------|------------------------------|----------------|-----------------------|
| 14:39:09                   | 3-FEB          | 512.15               | 0.00               | 158.52                     | 2429.75                      | 0.00           |                       |
| 14:40:13                   | 3-FEB          | 513.22               | 1.07               | 158.92                     | 3777.71                      | 1347.96        | 1.4612                |
| 14:41:17                   | 3-FEB          | 514.28               | 2.13               | 159.96                     | 4607.11                      | 2177.36        | 1.1768                |
| 14:42:21                   | 3-FEB          | 515.35               | 3.20               | 161.49                     | 5076.21                      | 2646.46        | 1.0143                |
| 14:43:25                   | 3-FEB          | 516.42               | 4.27               | 163.13                     | 5407.49                      | 2977.74        | 0.9028                |
| 14:44:29                   | 3-FEB          | 517.48               | 5.33               | 164.66                     | 5643.23                      | 3213.48        | 0.8198                |
| 14:45:33                   | 3-FEB          | 518.55               | 6.40               | 166.03                     | 5811.50                      | 3381.75        | 0.7534                |
| 14:46:37                   | 3-FEB          | 519.62               | 7.47               | 167.23                     | 5933.84                      | 3504.09        | 0.6989                |
| 14:47:41                   | 3-FEB          | 520.68               | 8.53               | 168.26                     | 6025.71                      | 3595.96        | 0.6534                |
| 14:48:53                   | 3-FEB          | 521.88               | 9.73               | 169.27                     | 6106.23                      | 3676.48        | 0.6096                |
| 14:50:13                   | 3-FEB          | 523.22               | 11.07              | 170.13                     | 6176.63                      | 3746.88        | 0.5630                |
| 14:52:13                   | 3-FEB          | 525.22               | 13.07              | 171.10                     | 6259.14                      | 3829.39        | 0.5166                |
| 14:54:21                   | 3-FEB          | 527.35               | 15.20              | 171.79                     | 6328.07                      | 3898.32        | 0.4720                |
| 14:56:37                   | 3-FEB          | 529.62               | 17.47              | 172.22                     | 6387.39                      | 3957.64        | 0.4329                |
| 14:58:53                   | 3-FEB          | 531.88               | 19.73              | 172.47                     | 6436.76                      | 4007.01        | 0.4004                |
| 15:01:01                   | 3-FEB          | 534.02               | 21.87              | 172.58                     | 6476.36                      | 4046.61        | 0.3740                |
| 15:03:17                   | 3-FEB          | 536.28               | 24.13              | 172.56                     | 6512.64                      | 4082.89        | 0.3498                |
| 15:05:57                   | 3-FEB          | 538.95               | 26.80              | 172.49                     | 6549.55                      | 4119.80        | 0.3252                |
| 15:08:29                   | 3-FEB          | 541.48               | 29.33              | 172.35                     | 6579.79                      | 4150.04        | 0.3050                |
| 15:11:01                   | 3-FEB          | 544.02               | 31.87              | 172.18                     | 6606.19                      | 4176.44        | 0.2872                |
| 15:17:25                   | 3-FEB          | 550.42               | 38.27              | 171.70                     | 6659.57                      | 4229.82        | 0.2505                |
| 15:22:37                   | 3-FEB          | 555.62               | 43.47              | 171.32                     | 6692.63                      | 4262.88        | 0.2272                |
| 15:28:21                   | 3-FEB          | 561.35               | 49.20              | 170.91                     | 6721.46                      | 4291.71        | 0.2060                |
| 15:33:25                   | 3-FEB          | 566.42               | 54.27              | 170.58                     | 6742.04                      | 4312.29        | 0.1904                |
| 15:41:41                   | 3-FEB          | 574.68               | 62.53              | 170.13                     | 6768.21                      | 4338.46        | 0.1696                |
| 15:42:05                   | 3-FEB          | 575.08               | 62.93              | 170.10                     | 6769.20                      | 4339.45        | 0.1687                |

## TEST PHASE: FLOW PERIOD # 2

| TIME<br>OF DAY<br>HH:MM:SS | DATE<br>DD-MMM | ELAPSED<br>TIME, MIN | DELTA<br>TIME, MIN | BOT HOLE<br>TEMP.<br>DEG F | BOT HOLE<br>PRESSURE<br>PSIA |
|----------------------------|----------------|----------------------|--------------------|----------------------------|------------------------------|
| 15:43:49                   | 3-FEB          | 576.82               | 0.00               | 169.52                     | 2627.53                      |
| 15:59:01                   | 3-FEB          | 592.02               | 15.20              | 163.24                     | 2763.79                      |
| 16:14:05                   | 3-FEB          | 607.08               | 30.26              | 165.22                     | 3098.08                      |
| 16:29:09                   | 3-FEB          | 622.15               | 45.33              | 166.59                     | 2694.24                      |
| 16:44:13                   | 3-FEB          | 637.22               | 60.40              | 166.44                     | 2250.18                      |
| 16:59:17                   | 3-FEB          | 652.28               | 75.46              | 165.04                     | 2015.29                      |
| 17:14:21                   | 3-FEB          | 667.35               | 90.53              | 162.63                     | 1668.21                      |