

TEST PHASE: SHUTIN PERIOD # 1

FINAL FLOW PRESSURE = 1684.63 PSIA  
PRODUCING TIME = 0.850 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 |
|----------------------------|----------------|---------------------|-------------------|----------------------------|------------------------------|----------------|-----------------------|
| 16:53:27                   | 2-MAY          | 5.391               | 2.700             | 156.58                     | 1963.80                      | 279.17         | 0.1189                |
| 17:03:37                   | 2-MAY          | 5.560               | 2.869             | 156.63                     | 1964.30                      | 279.67         | 0.1127                |
| 17:12:17                   | 2-MAY          | 5.705               | 3.014             | 156.69                     | 1964.83                      | 280.20         | 0.1079                |
| 18:12:57                   | 2-MAY          | 6.716               | 4.025             | 156.94                     | 1967.82                      | 283.19         | 0.0832                |
| 19:18:57                   | 2-MAY          | 7.816               | 5.125             | 157.17                     | 1967.39                      | 282.76         | 0.0666                |
| 20:18:57                   | 2-MAY          | 8.816               | 6.125             | 157.35                     | 1967.26                      | 282.63         | 0.0564                |
| 21:24:57                   | 2-MAY          | 9.916               | 7.225             | 157.53                     | 1967.35                      | 282.72         | 0.0483                |
| 22:25:37                   | 2-MAY          | 10.927              | 8.236             | 157.68                     | 1967.69                      | 283.06         | 0.0427                |
| 23:29:17                   | 2-MAY          | 11.988              | 9.297             | 157.82                     | 1968.06                      | 283.43         | 0.0380                |
| 0:31:17                    | 3-MAY          | 13.021              | 10.331            | 157.93                     | 1968.54                      | 283.91         | 0.0343                |
| 1:33:07                    | 3-MAY          | 14.052              | 11.361            | 158.02                     | 1968.90                      | 284.27         | 0.0313                |
| 2:39:17                    | 3-MAY          | 15.155              | 12.464            | 158.11                     | 1969.29                      | 284.66         | 0.0287                |
| 3:43:57                    | 3-MAY          | 16.233              | 13.542            | 158.20                     | 1969.58                      | 284.95         | 0.0264                |
| 4:50:17                    | 3-MAY          | 17.338              | 14.647            | 158.27                     | 1969.86                      | 285.23         | 0.0245                |
| 5:55:07                    | 3-MAY          | 18.419              | 15.728            | 158.34                     | 1970.06                      | 285.43         | 0.0229                |
| 6:58:07                    | 3-MAY          | 19.469              | 16.778            | 158.40                     | 1970.27                      | 285.64         | 0.0215                |
| 8:01:57                    | 3-MAY          | 20.532              | 17.842            | 158.45                     | 1970.42                      | 285.79         | 0.0202                |
| 9:11:47                    | 3-MAY          | 21.696              | 19.006            | 158.50                     | 1970.61                      | 285.98         | 0.0190                |
| 10:11:57                   | 3-MAY          | 22.699              | 20.008            | 158.56                     | 1970.88                      | 286.25         | 0.0181                |
| 11:12:07                   | 3-MAY          | 23.702              | 21.011            | 158.59                     | 1971.10                      | 286.47         | 0.0172                |
| 12:13:37                   | 3-MAY          | 24.727              | 22.036            | 158.63                     | 1971.31                      | 286.68         | 0.0164                |
| 13:22:47                   | 3-MAY          | 25.880              | 23.189            | 158.68                     | 1971.57                      | 286.94         | 0.0156                |
| 14:28:47                   | 3-MAY          | 26.980              | 24.289            | 158.72                     | 1971.72                      | 287.09         | 0.0149                |
| 15:41:07                   | 3-MAY          | 28.185              | 25.494            | 158.76                     | 1971.96                      | 287.33         | 0.0142                |
| 16:41:37                   | 3-MAY          | 29.194              | 26.503            | 158.79                     | 1972.09                      | 287.46         | 0.0137                |
| 17:41:37                   | 3-MAY          | 30.194              | 27.503            | 158.83                     | 1972.28                      | 287.65         | 0.0132                |
| 18:41:57                   | 3-MAY          | 31.199              | 28.508            | 158.86                     | 1972.43                      | 287.80         | 0.0128                |
| 19:58:57                   | 3-MAY          | 32.482              | 29.792            | 158.90                     | 1972.65                      | 288.02         | 0.0122                |
| 20:59:27                   | 3-MAY          | 33.491              | 30.800            | 158.92                     | 1972.77                      | 288.14         | 0.0118                |
| 21:59:57                   | 3-MAY          | 34.499              | 31.808            | 158.95                     | 1972.92                      | 288.29         | 0.0115                |
| 23:00:17                   | 3-MAY          | 35.505              | 32.814            | 158.97                     | 1973.04                      | 288.41         | 0.0111                |
| 0:00:47                    | 4-MAY          | 36.513              | 33.822            | 158.99                     | 1973.13                      | 288.50         | 0.0108                |
| 1:01:17                    | 4-MAY          | 37.521              | 34.831            | 159.03                     | 1973.24                      | 288.61         | 0.0105                |
| 2:01:47                    | 4-MAY          | 38.530              | 35.839            | 159.04                     | 1973.38                      | 288.75         | 0.0102                |
| 3:16:17                    | 4-MAY          | 39.771              | 37.081            | 159.08                     | 1973.53                      | 288.90         | 0.0098                |
| 4:16:27                    | 4-MAY          | 40.774              | 38.083            | 159.10                     | 1973.65                      | 289.02         | 0.0096                |
| 5:20:17                    | 4-MAY          | 41.838              | 39.147            | 159.12                     | 1973.81                      | 289.18         | 0.0093                |
| 6:36:27                    | 4-MAY          | 43.107              | 40.417            | 159.15                     | 1973.90                      | 289.27         | 0.0090                |
| 7:36:57                    | 4-MAY          | 44.116              | 41.425            | 159.17                     | 1973.97                      | 289.34         | 0.0088                |
| 8:37:27                    | 4-MAY          | 45.124              | 42.433            | 159.19                     | 1974.10                      | 289.47         | 0.0086                |
| 9:37:57                    | 4-MAY          | 46.132              | 43.442            | 159.21                     | 1974.20                      | 289.57         | 0.0084                |
| 10:38:27                   | 4-MAY          | 47.141              | 44.450            | 159.22                     | 1974.27                      | 289.64         | 0.0082                |
| 11:38:57                   | 4-MAY          | 48.149              | 45.458            | 159.24                     | 1974.35                      | 289.72         | 0.0080                |
| 12:39:27                   | 4-MAY          | 49.157              | 46.467            | 159.24                     | 1974.48                      | 289.85         | 0.0079                |
| 13:39:57                   | 4-MAY          | 50.166              | 47.475            | 159.28                     | 1974.53                      | 289.90         | 0.0077                |
| 14:40:27                   | 4-MAY          | 51.174              | 48.483            | 159.30                     | 1974.60                      | 289.97         | 0.0075                |
| 15:40:57                   | 4-MAY          | 52.182              | 49.492            | 159.30                     | 1974.70                      | 290.07         | 0.0074                |
| 16:41:27                   | 4-MAY          | 53.191              | 50.500            | 159.31                     | 1974.80                      | 290.17         | 0.0072                |
| 17:58:37                   | 4-MAY          | 54.477              | 51.786            | 159.33                     | 1974.93                      | 290.30         | 0.0071                |
| 18:59:07                   | 4-MAY          | 55.485              | 52.795            | 159.35                     | 1974.94                      | 290.31         | 0.0069                |