

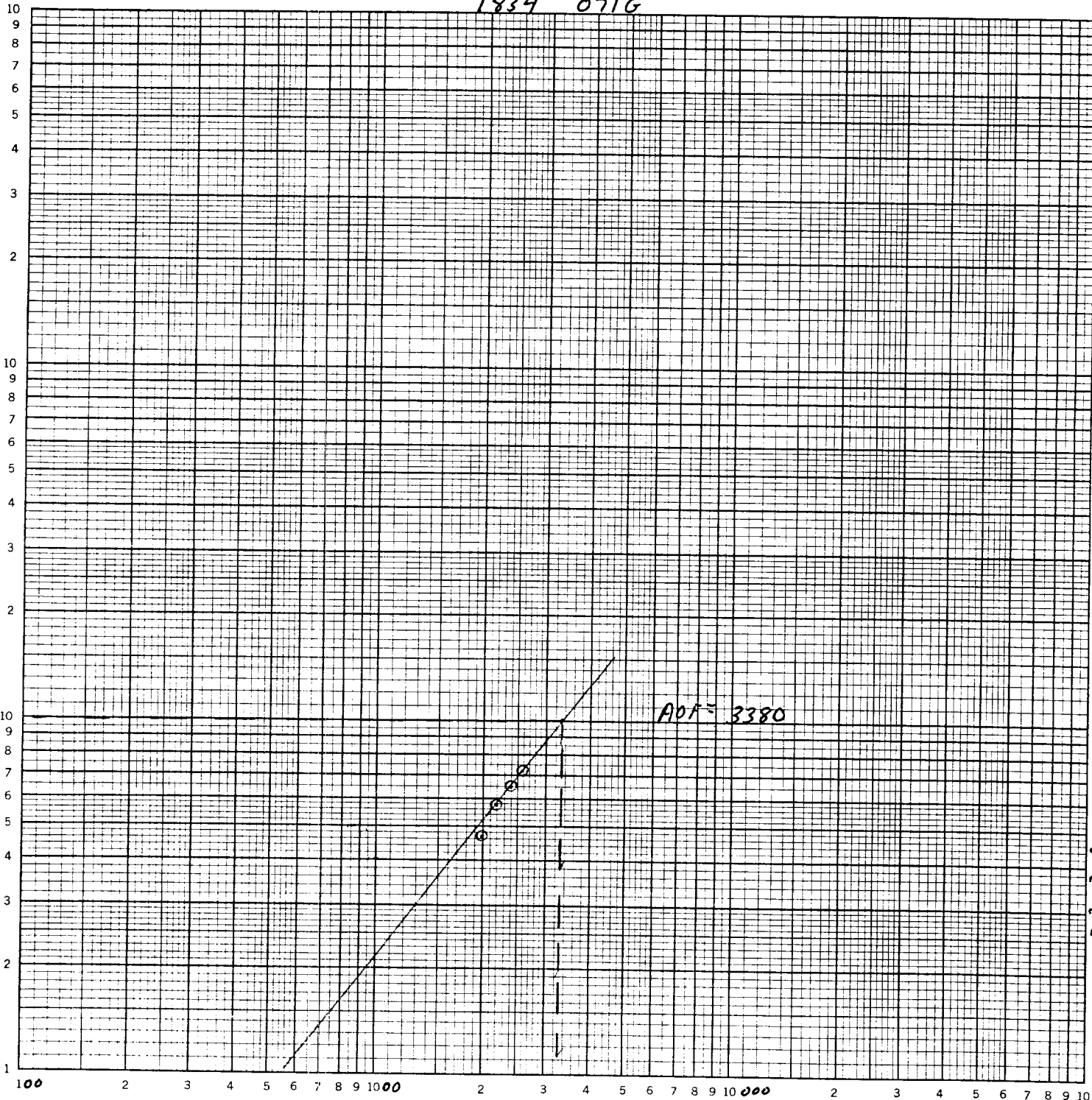
**NEW MEXICO OIL CONSERVATION COMMISSION  
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122  
Revised 9-1-65

| Type Test: <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             | Test Date: 8-12-85                   |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------|-----------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------|----------------------|-----------------------------|-----------------------------------------------------------|---------------------------|-------------|-------|------------------|--------|------------------|---|--------------|-----------------|-----------------------|------------------|-------------------------|-----------------------|-------------------|-----------------------------|----------------------|----|-------|--|--------|----|--|--|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--|-----|----|----|-----|------|----|----|-------------|--|--|-----|----|------|-----|----|-------|----|-------------|--|--|------|----|----|-----|----|-------|----|-------------|------|--|-----|----|----|-----|----|-------|----|--|--|--|--|--|--|-----|----|-------|
| Company: Amoco Production Company                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             | Connection:                          |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| Pool: <del>Bravo Dome Carbon Dioxide</del><br>Gas Unit 640 Acre Area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                             | Formation: Tubb                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| Completion Date: 12-30-83                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                             | Total Depth: 2911                    | Plug Back TD: 2800          |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                             | Elevation: 4832                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| Csg. Size: 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                             | Wt.: 20                              | Set At: 2911                |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| Tbg. Size: 3.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             | Wt.: 9.3                             | Set At: 2528                |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| Type Well - Single - Bradenhead - G.G. or G.O. Multiple                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             | Packer Set At: 2487                  |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| Producing Thru: Tubing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                             | Reservoir Temp. °F: 90 @ 2592        | Mean Annual Temp. °F: 50    |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                             | Baro. Press. - P <sub>a</sub> : 12.2 |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| L: 2592                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             | H: 2592                              | Gg: 1.529                   |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                             | % CO <sub>2</sub> : 100              | % N <sub>2</sub> : 0        |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                             | % H <sub>2</sub> S: 0                | Prover: 4.0                 |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                             | Meter Run: 4.0                       | Taps: Flange                |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="5">FLOW DATA</th> <th colspan="2">TUBING DATA</th> <th colspan="2">CASING DATA</th> <th rowspan="2">Duration of Flow</th> </tr> <tr> <th>NO.</th> <th>Prover Line Size</th> <th>X</th> <th>Orifice Size</th> <th>Press. p.s.i.g.</th> <th>Diff. h<sub>w</sub></th> <th>Temp. °F</th> <th>Press. p.s.i.g.</th> <th>Temp. °F</th> </tr> <tr> <td>SI</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1.</td> <td>4.026 x 2.5</td> <td></td> <td></td> <td>185</td> <td>42</td> <td>61</td> <td>320</td> <td></td> <td></td> </tr> <tr> <td>2.</td> <td>4.026 x 2.5</td> <td></td> <td></td> <td>199</td> <td>33</td> <td>60</td> <td>185</td> <td>50</td> <td>24 hr</td> </tr> <tr> <td>3.</td> <td>4.026 x 2.5</td> <td></td> <td></td> <td>217</td> <td>27</td> <td>61</td> <td>199</td> <td>50</td> <td>24 hr</td> </tr> <tr> <td>4.</td> <td>4.026 x 2.5</td> <td></td> <td></td> <td>239</td> <td>18</td> <td>61</td> <td>217</td> <td>50</td> <td>24 hr</td> </tr> <tr> <td>5.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>239</td> <td>50</td> <td>24 hr</td> </tr> </table> |                             |                                      |                             | FLOW DATA                                                 |                                                                                                    |                             |                      |                             | TUBING DATA                                               |                           | CASING DATA |       | Duration of Flow | NO.    | Prover Line Size | X | Orifice Size | Press. p.s.i.g. | Diff. h <sub>w</sub>  | Temp. °F         | Press. p.s.i.g.         | Temp. °F              | SI                |                             |                      |    |       |  |        |    |  |  | 1. | 4.026 x 2.5                                                                                                                                                                                                                                               |                                                               |  | 185 | 42 | 61 | 320 |      |    | 2. | 4.026 x 2.5 |  |  | 199 | 33 | 60   | 185 | 50 | 24 hr | 3. | 4.026 x 2.5 |  |  | 217  | 27 | 61 | 199 | 50 | 24 hr | 4. | 4.026 x 2.5 |      |  | 239 | 18 | 61 | 217 | 50 | 24 hr | 5. |  |  |  |  |  |  | 239 | 50 | 24 hr |
| FLOW DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                             |                                      |                             |                                                           | TUBING DATA                                                                                        |                             | CASING DATA          |                             | Duration of Flow                                          |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Prover Line Size            | X                                    | Orifice Size                | Press. p.s.i.g.                                           | Diff. h <sub>w</sub>                                                                               | Temp. °F                    | Press. p.s.i.g.      | Temp. °F                    |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| SI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.026 x 2.5                 |                                      |                             | 185                                                       | 42                                                                                                 | 61                          | 320                  |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.026 x 2.5                 |                                      |                             | 199                                                       | 33                                                                                                 | 60                          | 185                  | 50                          | 24 hr                                                     |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.026 x 2.5                 |                                      |                             | 217                                                       | 27                                                                                                 | 61                          | 199                  | 50                          | 24 hr                                                     |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.026 x 2.5                 |                                      |                             | 239                                                       | 18                                                                                                 | 61                          | 217                  | 50                          | 24 hr                                                     |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                      |                             |                                                           |                                                                                                    |                             | 239                  | 50                          | 24 hr                                                     |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="8">RATE OF FLOW CALCULATIONS</th> </tr> <tr> <th>NO.</th> <th>Coefficient (24 Hour)</th> <th><math>\sqrt{h_w P_m}</math></th> <th>Pressure P<sub>m</sub></th> <th>Flow Temp. Factor Ft.</th> <th>Gravity Factor Fg</th> <th>Super Compress. Factor, Fpv</th> <th>Rate of Flow Q, Mcfd</th> </tr> <tr> <td>1.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2549</td> </tr> <tr> <td>3.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2355</td> </tr> <tr> <td>4.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2227</td> </tr> <tr> <td>5.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1947</td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                              |                             |                                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           | RATE OF FLOW CALCULATIONS |             |       |                  |        |                  |   |              | NO.             | Coefficient (24 Hour) | $\sqrt{h_w P_m}$ | Pressure P <sub>m</sub> | Flow Temp. Factor Ft. | Gravity Factor Fg | Super Compress. Factor, Fpv | Rate of Flow Q, Mcfd | 1. |       |  |        |    |  |  |    | 2.                                                                                                                                                                                                                                                        |                                                               |  |     |    |    |     | 2549 | 3. |    |             |  |  |     |    | 2355 | 4.  |    |       |    |             |  |  | 2227 | 5. |    |     |    |       |    |             | 1947 |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| RATE OF FLOW CALCULATIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                             |                                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Coefficient (24 Hour)       | $\sqrt{h_w P_m}$                     | Pressure P <sub>m</sub>     | Flow Temp. Factor Ft.                                     | Gravity Factor Fg                                                                                  | Super Compress. Factor, Fpv | Rate of Flow Q, Mcfd |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                      |                             |                                                           |                                                                                                    |                             | 2549                 |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                      |                             |                                                           |                                                                                                    |                             | 2355                 |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                      |                             |                                                           |                                                                                                    |                             | 2227                 |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                      |                             |                                                           |                                                                                                    |                             | 1947                 |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>P<sub>t</sub></th> <th>Temp. °R</th> <th>T<sub>r</sub></th> <th>Z</th> </tr> <tr> <td>1.</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2.</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3.</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4.</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5.</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                             |                                      |                             | NO.                                                       | P <sub>t</sub>                                                                                     | Temp. °R                    | T <sub>r</sub>       | Z                           | 1.                                                        |                           |             |       |                  | 2.     |                  |   |              |                 | 3.                    |                  |                         |                       |                   | 4.                          |                      |    |       |  | 5.     |    |  |  |    | Gas Liquid Hydrocarbon Ratio: 0<br>A.P.I. Gravity of Liquid Hydrocarbons: 0 Mcf/bbl.<br>Specific Gravity Separator Gas: 1.529 Deg.<br>Specific Gravity Flowing Fluid: X X X X X<br>Critical Pressure: 1072 P.S.I.A.<br>Critical Temperature: 547 P.S.I.A. |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | P <sub>t</sub>              | Temp. °R                             | T <sub>r</sub>              | Z                                                         |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| P <sub>c</sub> : 332.2    P <sub>c</sub> <sup>2</sup> : 110.357                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                             |                                      |                             |                                                           | (1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.54$ (2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.33$ |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>P<sub>t</sub><sup>2</sup></th> <th>P<sub>w</sub></th> <th>P<sub>w</sub><sup>2</sup></th> <th>P<sub>c</sub><sup>2</sup> - P<sub>w</sub><sup>2</sup></th> </tr> <tr> <td>1.</td> <td></td> <td>197.2</td> <td></td> <td>71.469</td> </tr> <tr> <td>2.</td> <td></td> <td>211.2</td> <td></td> <td>65.751</td> </tr> <tr> <td>3.</td> <td></td> <td>229.2</td> <td></td> <td>57.824</td> </tr> <tr> <td>4.</td> <td></td> <td>251.2</td> <td></td> <td>47.255</td> </tr> <tr> <td>5.</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                             |                                      |                             |                                                           | NO.                                                                                                | P <sub>t</sub> <sup>2</sup> | P <sub>w</sub>       | P <sub>w</sub> <sup>2</sup> | P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> | 1.                        |             | 197.2 |                  | 71.469 | 2.               |   | 211.2        |                 | 65.751                | 3.               |                         | 229.2                 |                   | 57.824                      | 4.                   |    | 251.2 |  | 47.255 | 5. |  |  |    |                                                                                                                                                                                                                                                           | AOF = Q $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3380$ |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | P <sub>t</sub> <sup>2</sup> | P <sub>w</sub>                       | P <sub>w</sub> <sup>2</sup> | P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             | 197.2                                |                             | 71.469                                                    |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             | 211.2                                |                             | 65.751                                                    |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             | 229.2                                |                             | 57.824                                                    |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             | 251.2                                |                             | 47.255                                                    |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                             |                                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| Absolute Open Flow: 3380 Mcfd @ 15.025    Angle of Slope θ:    Slope, n: .65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                             |                                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| Remarks:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                             |                                      |                             |                                                           |                                                                                                    |                             |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |
| Approved By Commission:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                             | Conducted By:                        |                             | Calculated By: D. D. Kimble                               |                                                                                                    | Checked By:                 |                      |                             |                                                           |                           |             |       |                  |        |                  |   |              |                 |                       |                  |                         |                       |                   |                             |                      |    |       |  |        |    |  |  |    |                                                                                                                                                                                                                                                           |                                                               |  |     |    |    |     |      |    |    |             |  |  |     |    |      |     |    |       |    |             |  |  |      |    |    |     |    |       |    |             |      |  |     |    |    |     |    |       |    |  |  |  |  |  |  |     |    |       |

46 7400

1834 0716



Q = MCF