

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

Form C-122  
 Revised 9-1-65

| Type Test<br><input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                         |                             | Test Date<br><b>1-7-66</b>                                |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------|-----------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------|-------------|-----------------|------------------|-----------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---|------------------|-----|------------------|---|--------------|-----------------------|----------------------|-------------------------|-----------------------|-------------------|-----------------------------|-----------------------|----|--------------|-------------|------------|--------------|--------------|--------------|-------------|---|--------------|--|----------------|--------------|--------------|---------------|-------------|---|--------------|--|------------|--------------|--------------|--------------|----------------|----|--------------|---------------|--|--|--|--|-----------|-----------|------------|--|----------------|----|--------------|---------------|--|--|--|--|-----------|-----------|------------|--|----------------|----|--|--|--|--|--|--|--|--|--|--|--|----|--|--|--|--|--|--|--|--|--|--|--|
| Company<br><b>Getty Oil Company</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                                         |                             | Connections<br><b>Not Connected</b>                       |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| Pool<br><b>Harris</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                         |                             | Formation<br><b>Chacra</b>                                |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| Completion Date<br><b>12-6-65</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       | Total Depth<br><b>6639</b>              |                             | Elevation<br><b>5948 M.S.L.</b>                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| Casing Size<br><b>5.500</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                       | Set At<br><b>6637</b>                   |                             | Perforations:<br>From <b>2941</b> To <b>3121</b>          |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| Thg. Size<br><b>2 1/16</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       | Set At<br><b>3016</b>                   |                             | Perforations:<br>From <b>3011</b> To <b>3014</b>          |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| Type Well - Single - Bradenhead - G.G. or G.O. Multiple<br><b>Multiple</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |                                         |                             | Packer Set At<br><b>3320</b>                              |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| Producing Through<br><b>Tubing</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       | Reservoir Temp. °F<br><b>@</b>          |                             | Baro. Press. - P <sub>a</sub><br><b>12.0</b>              |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| L<br><b>3011</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       | H<br><b>3011</b>                        |                             | Proven<br><b>2.000</b>                                    |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| Gg<br><b>3011</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       | % CO <sub>2</sub>                       |                             | % H <sub>2</sub> S                                        |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="6">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>Proven 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> <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><b>964</b></td> <td></td> <td><b>966</b></td> <td></td> <td><b>335 Hr.</b></td> </tr> <tr> <td>1.</td> <td><b>2.000</b></td> <td><b>x .750</b></td> <td></td> <td></td> <td></td> <td></td> <td><b>117</b></td> <td><b>60</b></td> <td><b>315</b></td> <td></td> <td><b>131 Hr.</b></td> </tr> <tr> <td>2.</td> <td><b>2.000</b></td> <td><b>x .750</b></td> <td></td> <td></td> <td></td> <td></td> <td><b>96</b></td> <td><b>60</b></td> <td><b>208</b></td> <td></td> <td><b>2.0 Hr.</b></td> </tr> <tr> <td>3.</td> <td><b>2.000</b></td> <td><b>x .750</b></td> <td></td> <td></td> <td></td> <td></td> <td><b>77</b></td> <td><b>60</b></td> <td><b>207</b></td> <td></td> <td><b>3.0 Hr.</b></td> </tr> <tr> <td>4.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> |                       |                                         |                             |                                                           |                                                                         | FLOW DATA                                                                                |                       |             |                 |                  |                             | TUBING DATA                                               |                                                                         | CASING DATA                                                                              |   | Duration of Flow | NO. | Proven Line Size | X | Orifice Size | Press. p.s.i.g.       | Diff. h <sub>w</sub> | Temp. °F                | Press. p.s.i.g.       | Temp. °F          | Press. p.s.i.g.             | Temp. °F              | SI |              |             |            |              |              |              | <b>964</b>  |   | <b>966</b>   |  | <b>335 Hr.</b> | 1.           | <b>2.000</b> | <b>x .750</b> |             |   |              |  | <b>117</b> | <b>60</b>    | <b>315</b>   |              | <b>131 Hr.</b> | 2. | <b>2.000</b> | <b>x .750</b> |  |  |  |  | <b>96</b> | <b>60</b> | <b>208</b> |  | <b>2.0 Hr.</b> | 3. | <b>2.000</b> | <b>x .750</b> |  |  |  |  | <b>77</b> | <b>60</b> | <b>207</b> |  | <b>3.0 Hr.</b> | 4. |  |  |  |  |  |  |  |  |  |  |  | 5. |  |  |  |  |  |  |  |  |  |  |  |
| FLOW DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                         |                             |                                                           |                                                                         | TUBING DATA                                                                              |                       | CASING DATA |                 | Duration of Flow |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Proven Line Size      | X                                       | Orifice Size                | Press. p.s.i.g.                                           | Diff. h <sub>w</sub>                                                    | Temp. °F                                                                                 | Press. p.s.i.g.       | Temp. °F    | Press. p.s.i.g. |                  | Temp. °F                    |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| SI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                                         |                             |                                                           |                                                                         |                                                                                          | <b>964</b>            |             | <b>966</b>      |                  | <b>335 Hr.</b>              |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>2.000</b>          | <b>x .750</b>                           |                             |                                                           |                                                                         |                                                                                          | <b>117</b>            | <b>60</b>   | <b>315</b>      |                  | <b>131 Hr.</b>              |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>2.000</b>          | <b>x .750</b>                           |                             |                                                           |                                                                         |                                                                                          | <b>96</b>             | <b>60</b>   | <b>208</b>      |                  | <b>2.0 Hr.</b>              |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>2.000</b>          | <b>x .750</b>                           |                             |                                                           |                                                                         |                                                                                          | <b>77</b>             | <b>60</b>   | <b>207</b>      |                  | <b>3.0 Hr.</b>              |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| <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, bbl/d</th> </tr> <tr> <td>1</td> <td><b>11.00</b></td> <td></td> <td><b>151</b></td> <td><b>1.000</b></td> <td><b>1.240</b></td> <td><b>1.012</b></td> <td><b>1333</b></td> </tr> <tr> <td>2</td> <td><b>11.00</b></td> <td></td> <td><b>73</b></td> <td><b>1.000</b></td> <td><b>1.240</b></td> <td><b>1.000</b></td> <td><b>1337</b></td> </tr> <tr> <td>3</td> <td><b>11.00</b></td> <td></td> <td><b>59</b></td> <td><b>1.000</b></td> <td><b>1.240</b></td> <td><b>1.000</b></td> <td><b>1214</b></td> </tr> <tr> <td>4.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5.</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></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, bbl/d | 1  | <b>11.00</b> |             | <b>151</b> | <b>1.000</b> | <b>1.240</b> | <b>1.012</b> | <b>1333</b> | 2 | <b>11.00</b> |  | <b>73</b>      | <b>1.000</b> | <b>1.240</b> | <b>1.000</b>  | <b>1337</b> | 3 | <b>11.00</b> |  | <b>59</b>  | <b>1.000</b> | <b>1.240</b> | <b>1.000</b> | <b>1214</b>    | 4. |              |               |  |  |  |  |           | 5.        |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 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, bbl/d |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>11.00</b>          |                                         | <b>151</b>                  | <b>1.000</b>                                              | <b>1.240</b>                                                            | <b>1.012</b>                                                                             | <b>1333</b>           |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>11.00</b>          |                                         | <b>73</b>                   | <b>1.000</b>                                              | <b>1.240</b>                                                            | <b>1.000</b>                                                                             | <b>1337</b>           |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>11.00</b>          |                                         | <b>59</b>                   | <b>1.000</b>                                              | <b>1.240</b>                                                            | <b>1.000</b>                                                                             | <b>1214</b>           |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 5.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>P<sub>r</sub></th> <th>Temp. °R</th> <th>T<sub>r</sub></th> <th>Z</th> <th>Gas Liquid Hydrocarbon Ratio</th> <th>Mcf/bbl</th> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td><b>0</b></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td><b>0</b></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       | NO.         | P <sub>r</sub>  | Temp. °R         | T <sub>r</sub>              | Z                                                         | Gas Liquid Hydrocarbon Ratio                                            | Mcf/bbl                                                                                  | 1 |                  |     |                  |   | <b>0</b>     |                       | 2                    |                         |                       |                   |                             | <b>0</b>              |    | 3            |             |            |              |              |              |             | 4 |              |  |                |              |              |               | 5           |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>r</sub>        | Temp. °R                                | T <sub>r</sub>              | Z                                                         | Gas Liquid Hydrocarbon Ratio                                            | Mcf/bbl                                                                                  |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                         |                             |                                                           | <b>0</b>                                                                |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                         |                             |                                                           | <b>0</b>                                                                |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>P<sub>r</sub></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> <th> <math display="block">\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.0113}{1.0113 - 0.0000} = 1.0113</math> </th> <th> <math display="block">\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.0113}{1.0113 - 0.0000} = 1.0008</math> </th> </tr> <tr> <td>1</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> </tr> <tr> <td>3</td> <td><b>7921</b></td> <td><b>269</b></td> <td><b>72361</b></td> <td><b>84123</b></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       | NO.         | P <sub>r</sub>  | 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> | $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.0113}{1.0113 - 0.0000} = 1.0113$ | $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.0113}{1.0113 - 0.0000} = 1.0008$ | 1 |                  |     |                  |   |              |                       | 2                    |                         |                       |                   |                             |                       |    | 3            | <b>7921</b> | <b>269</b> | <b>72361</b> | <b>84123</b> |              |             | 4 |              |  |                |              |              |               | 5           |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | P <sub>r</sub>        | 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> | $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1.0113}{1.0113 - 0.0000} = 1.0113$ | $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.0113}{1.0113 - 0.0000} = 1.0008$ |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>7921</b>           | <b>269</b>                              | <b>72361</b>                | <b>84123</b>                                              |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| Absolute Open Flow <b>1233</b> Mcfd @ 15.025    Angle of Slope <b>0</b> Slope, <b>.75</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| Remarks:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |                                         |                             |                                                           |                                                                         |                                                                                          |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |
| Approved By Commission:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       | Conducted By:<br><b>Vendell Durrett</b> |                             | Calculated By:<br><b>Vendell Durrett</b>                  |                                                                         | Checked By:<br><b>Vendell Durrett</b>                                                    |                       |             |                 |                  |                             |                                                           |                                                                         |                                                                                          |   |                  |     |                  |   |              |                       |                      |                         |                       |                   |                             |                       |    |              |             |            |              |              |              |             |   |              |  |                |              |              |               |             |   |              |  |            |              |              |              |                |    |              |               |  |  |  |  |           |           |            |  |                |    |              |               |  |  |  |  |           |           |            |  |                |    |  |  |  |  |  |  |  |  |  |  |  |    |  |  |  |  |  |  |  |  |  |  |  |