

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>7-31-72</b>                        |                    |
| Company<br><b>AMOCO PRODUCTION COMPANY</b>                                                                                |                    |                                         |                        | Connection<br><b>None</b>                          |                    |
| Pool<br><b>Blanco</b>                                                                                                     |                    |                                         |                        | Formation<br><b>Pictured Cliffs</b>                |                    |
| Completion Date<br><b>7-22-72</b>                                                                                         |                    | Total Depth<br><b>2525'</b>             |                        | Plug Back TD<br><b>2478'</b>                       |                    |
|                                                                                                                           |                    |                                         |                        | Elevation<br><b>5878' Gr.</b>                      |                    |
| Farm or Lease Name<br><b>State Gas Com "B0"</b>                                                                           |                    |                                         |                        |                                                    |                    |
| Csg. Size<br><b>4-1/2"</b>                                                                                                | Wt.<br><b>9.5</b>  | d<br><b>4.090</b>                       | Set At<br><b>2513'</b> | Perforations:<br>From <b>2396'</b> To <b>2433'</b> |                    |
| Well No.<br><b>1</b>                                                                                                      |                    |                                         |                        |                                                    |                    |
| Tbg. Size<br><b>1-1/4"</b>                                                                                                | Wt.<br><b>2.33</b> | d<br><b>1.380</b>                       | Set At<br><b>2412'</b> | Perforations:<br>From <b>Open</b> To <b>Ended</b>  |                    |
| Type Well - Single - Bradenhead - G.G. or G.O. Multiple<br><b>Single</b>                                                  |                    |                                         |                        | Packer Set At<br><b>None</b>                       |                    |
| Producing Thru<br><b>Tubing</b>                                                                                           |                    |                                         |                        | County<br><b>San Juan</b>                          |                    |
| Reservoir Temp. °F<br><b>60° Est.</b>                                                                                     |                    | Mean Annual Temp. °F<br><b>60° Est.</b> |                        | Baro. Press. - P <sub>a</sub><br><b>12.0</b>       |                    |
| State<br><b>New Mexico</b>                                                                                                |                    |                                         |                        |                                                    |                    |
| L                                                                                                                         | H                  | Gg<br><b>.65 (est)</b>                  | % CO <sub>2</sub>      | % N <sub>2</sub>                                   | % H <sub>2</sub> S |
| Prover                                                                                                                    |                    | Meter Run                               |                        | Taps                                               |                    |

| FLOW DATA |                  |                         |                 |                      | TUBING DATA |                 | CASING DATA     |                 | Duration of Flow |
|-----------|------------------|-------------------------|-----------------|----------------------|-------------|-----------------|-----------------|-----------------|------------------|
| NO.       | Prover Line Size | X <del>Choke</del> 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. |                  |
| SI        | <b>9 days</b>    |                         |                 |                      |             | <b>833</b>      |                 | <b>833</b>      |                  |
| 1.        | <b>2 days</b>    | <b>.750</b>             |                 |                      |             | <b>158</b>      | <b>60° Est.</b> | <b>604</b>      |                  |
| 2.        |                  |                         |                 |                      |             |                 |                 |                 |                  |
| 3.        |                  |                         |                 |                      |             |                 |                 |                 |                  |
| 4.        |                  |                         |                 |                      |             |                 |                 |                 |                  |
| 5.        |                  |                         |                 |                      |             |                 |                 |                 |                  |

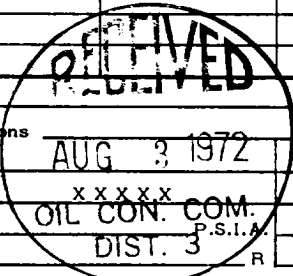
  

| RATE OF FLOW CALCULATIONS |                       |                  |                         |                       |                   |                             |                      |
|---------------------------|-----------------------|------------------|-------------------------|-----------------------|-------------------|-----------------------------|----------------------|
| 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, Mcfd |
| 1                         | <b>12.3650</b>        |                  | <b>170</b>              | <b>1.000</b>          | <b>.9608</b>      | <b>1.016</b>                | <b>2052</b>          |
| 2.                        |                       |                  |                         |                       |                   |                             |                      |
| 3.                        |                       |                  |                         |                       |                   |                             |                      |
| 4.                        |                       |                  |                         |                       |                   |                             |                      |
| 5.                        |                       |                  |                         |                       |                   |                             |                      |

|     |                |          |                |   |                                                  |
|-----|----------------|----------|----------------|---|--------------------------------------------------|
| NO. | P <sub>r</sub> | Temp. °R | T <sub>r</sub> | Z | Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.      |
| 1.  |                |          |                |   | A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. |
| 2.  |                |          |                |   | Specific Gravity Separator Gas _____             |
| 3.  |                |          |                |   | Specific Gravity Flowing Fluid _____             |
| 4.  |                |          |                |   | Critical Pressure _____ P.S.I.A.                 |
| 5.  |                |          |                |   | Critical Temperature _____ R                     |



|                           |                                           |                             |
|---------------------------|-------------------------------------------|-----------------------------|
| P <sub>c</sub> <b>843</b> | P <sub>c</sub> <sup>2</sup> <b>714025</b> |                             |
| NO.                       | P <sub>t</sub> <sup>2</sup>               | P <sub>w</sub> <sup>2</sup> |
| 1                         | <b>616</b>                                | <b>379456</b>               |
| 2                         |                                           |                             |
| 3                         |                                           |                             |
| 4                         |                                           |                             |
| 5                         |                                           |                             |

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \underline{2.134}$$

$$(2) \left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.905}$$

$$AOF = Q \left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{3909}$$

|                                              |                               |                     |
|----------------------------------------------|-------------------------------|---------------------|
| Absolute Open Flow <b>3909</b> Mcfd @ 15.025 | Angle of Slope $\theta$ _____ | Slope, n <b>.85</b> |
| Remarks: _____                               |                               |                     |

|                         |                                     |                                        |                                    |
|-------------------------|-------------------------------------|----------------------------------------|------------------------------------|
| Approved By Commission: | Conducted By:<br><b>B. D. Dukes</b> | Calculated By:<br><b>P. C. Ellison</b> | Checked By:<br><b>J. W. Calvin</b> |
|-------------------------|-------------------------------------|----------------------------------------|------------------------------------|