

Form C-122  
Revised 9-1-65

| Type Test                                                       |                       | <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input checked="" type="checkbox"/> Special |                                       | Test Date<br>2-16-81                                      |                                                  |                                                             |                      |          |                 |          |                  |
|-----------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------|----------------------|----------|-----------------|----------|------------------|
| Company<br>Amoco Production Company                             |                       |                                                                                                                         | Connection<br>El Paso Natural Gas Co. |                                                           |                                                  |                                                             |                      |          |                 |          |                  |
| Pool<br><u>Blanco Under</u>                                     |                       |                                                                                                                         | Formation<br><u>Gallup</u>            |                                                           | Unit                                             |                                                             |                      |          |                 |          |                  |
| Completion Date<br>1-15-81                                      |                       | Total Depth<br>7105                                                                                                     | Plug Back TD<br>6797                  |                                                           | Elevation<br>6071                                |                                                             |                      |          |                 |          |                  |
| Form or Lease Name<br>Stanolind Gas Com "B"                     |                       |                                                                                                                         |                                       |                                                           |                                                  |                                                             |                      |          |                 |          |                  |
| Csq. Size<br>7.000                                              | Wt.<br>23             | d<br>6.336                                                                                                              | Set At<br>7105                        | Perforations:<br>From 5968 To 6260                        |                                                  |                                                             |                      |          |                 |          |                  |
| Tbg. Size<br>2.063                                              | Wt.<br>3.25           | d<br>1.751                                                                                                              | Set At<br>6257                        | Perforations:<br>From open To ended                       |                                                  |                                                             |                      |          |                 |          |                  |
| Type Well - Single - Bradenhead - G.C. or G.O. Multiple<br>Dual |                       |                                                                                                                         |                                       | Packer Set At<br>6672                                     | County<br>San Juan                               |                                                             |                      |          |                 |          |                  |
| Producing Thru tubing                                           |                       | Reservoir Temp. °F<br>8                                                                                                 | Mean Annual Temp. °F                  |                                                           | State<br>New Mexico                              |                                                             |                      |          |                 |          |                  |
| L                                                               | H                     | Gg                                                                                                                      | % CO <sub>2</sub>                     | % N <sub>2</sub>                                          | % H <sub>2</sub> S                               |                                                             |                      |          |                 |          |                  |
|                                                                 |                       |                                                                                                                         |                                       |                                                           |                                                  |                                                             |                      |          |                 |          |                  |
| FLOW DATA                                                       |                       |                                                                                                                         | TUBING DATA                           |                                                           | CASING DATA                                      |                                                             |                      |          |                 |          |                  |
| NO.                                                             | Prover Line Size      | X                                                                                                                       | Orifice Size                          | Press. p.s.i.g.                                           | Diff. h <sub>w</sub>                             | Temp. °F                                                    | Press. p.s.i.g.      | Temp. °F | Press. p.s.i.g. | Temp. °F | Duration of Flow |
| SI                                                              | 7 days                |                                                                                                                         |                                       |                                                           |                                                  |                                                             | 1557                 |          | 1557            |          |                  |
| 1.                                                              | 2.375                 | .750                                                                                                                    |                                       |                                                           |                                                  |                                                             | 203                  |          | 785             |          | 3 hrs            |
| 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 F <sub>sp</sub>                      | Rate of Flow Q, Mcfd |          |                 |          |                  |
| 1                                                               | 12.365                |                                                                                                                         | 215                                   | 1.000                                                     | .9258                                            | 1.025                                                       | 2523                 |          |                 |          |                  |
| 2.                                                              |                       |                                                                                                                         |                                       |                                                           |                                                  |                                                             |                      |          |                 |          |                  |
| 3.                                                              |                       |                                                                                                                         |                                       |                                                           |                                                  |                                                             |                      |          |                 |          |                  |
| 4.                                                              |                       |                                                                                                                         |                                       |                                                           |                                                  |                                                             |                      |          |                 |          |                  |
| 5.                                                              |                       |                                                                                                                         |                                       |                                                           |                                                  |                                                             |                      |          |                 |          |                  |
| NO.                                                             | P <sub>f</sub>        | Temp. °R                                                                                                                | T <sub>f</sub>                        | Z                                                         | Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.      |                                                             |                      |          |                 |          |                  |
| 1                                                               |                       |                                                                                                                         |                                       |                                                           | A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. |                                                             |                      |          |                 |          |                  |
| 2.                                                              |                       |                                                                                                                         |                                       |                                                           | Specific Gravity Separator Gas _____ XXXXXXXXXX  |                                                             |                      |          |                 |          |                  |
| 3.                                                              |                       |                                                                                                                         |                                       |                                                           | Specific Gravity Flowing Fluid _____ XXXXX       |                                                             |                      |          |                 |          |                  |
| 4.                                                              |                       |                                                                                                                         |                                       |                                                           | Critical Pressure _____ P.S.I.A. _____ P.S.I.A.  |                                                             |                      |          |                 |          |                  |
| 5.                                                              |                       |                                                                                                                         |                                       |                                                           | Critical Temperature _____ R _____ R             |                                                             |                      |          |                 |          |                  |
| P <sub>c</sub> 1569      P <sub>c</sub> <sup>2</sup> 2461761    |                       |                                                                                                                         |                                       |                                                           |                                                  |                                                             |                      |          |                 |          |                  |
| NO.                                                             | P <sub>f</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> | (1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3478$       | (2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2509$ |                      |          |                 |          |                  |
| 1                                                               |                       | 797                                                                                                                     | 635209                                | 1826552                                                   |                                                  |                                                             |                      |          |                 |          |                  |
| 2.                                                              |                       |                                                                                                                         |                                       |                                                           |                                                  |                                                             |                      |          |                 |          |                  |
| 3.                                                              |                       |                                                                                                                         |                                       |                                                           |                                                  |                                                             |                      |          |                 |          |                  |
| 4.                                                              |                       |                                                                                                                         |                                       |                                                           |                                                  |                                                             |                      |          |                 |          |                  |
| 5.                                                              |                       |                                                                                                                         |                                       |                                                           |                                                  |                                                             |                      |          |                 |          |                  |
| Absolute Open Flow 3156 Mcfd @ 15.025                           |                       |                                                                                                                         |                                       |                                                           | Angle of Slope θ _____                           |                                                             | Slope, n .75         |          |                 |          |                  |
| Remarks:                                                        |                       |                                                                                                                         |                                       |                                                           |                                                  |                                                             |                      |          |                 |          |                  |
| Approved by Commissioner                                        |                       | Conducted By JJB                                                                                                        |                                       | Calculated By J. J. BARNETT                               |                                                  | Checked By CB                                               |                      |          |                 |          |                  |