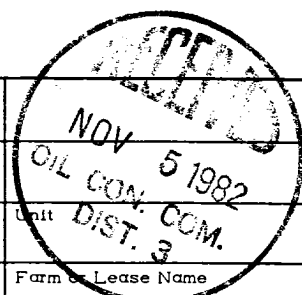


NEW MEXICO OIL CONSERVATION COMMISSION  
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122  
Revised 9-1-65



|                                                                                                                        |  |                      |  |                                 |  |                                                                             |  |
|------------------------------------------------------------------------------------------------------------------------|--|----------------------|--|---------------------------------|--|-----------------------------------------------------------------------------|--|
| Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special |  |                      |  |                                 |  | Test Date 11-02-82                                                          |  |
| Company El Paso Natural Gas Company                                                                                    |  |                      |  | Connection Northwest Pipe Corp. |  |                                                                             |  |
| Pool Blanco                                                                                                            |  |                      |  | Formation Pictured Cliffs       |  | Unit                                                                        |  |
| Completion Date 10-19-82                                                                                               |  | Total Depth 5786     |  | Plug Back TD 5766               |  | Elevation 6358 GR                                                           |  |
| Csg. Size 7.000                                                                                                        |  | Wt. 20               |  | Set At 6.456                    |  | 3481                                                                        |  |
| Thq. Size 1.600                                                                                                        |  | Wt. 2.3              |  | Set At 1.380                    |  | 3213                                                                        |  |
| Perforations: From *3147 To 3232                                                                                       |  |                      |  | Well No. #94A                   |  |                                                                             |  |
| Type Well - Single - Bradenhead - G.G. or G.O. Multiple G. G. Dual                                                     |  |                      |  | Packer Set At 3318              |  | County Rio Arriba                                                           |  |
| Producing Thru Csg.                                                                                                    |  | Reservoir Temp. °F @ |  | Mean Annual Temp. °F            |  | Baro. Press. - P <sub>a</sub> 12                                            |  |
| State New Mexico                                                                                                       |  | L H                  |  | G <sub>g</sub> .680             |  | % 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 | 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        |                  |   |              |                 |                      |             | 1010            |             | 1010            |                  | 14 Days  |
| 1.        |                  |   | .750         | 235             |                      | 59          | 247             |             | 235             |                  | 3 Hours  |
| 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 F <sub>t</sub> | Gravity Factor F <sub>g</sub> | Super Compress. Factor, F <sub>pv</sub> | Rate of Flow Q, Mcfd |
| 1                         | 12.365                |                  | 247                     | 1.0010                           | .9393                         | 1.025                                   | 2943                 |
| 2.                        |                       |                  |                         |                                  |                               |                                         |                      |
| 3.                        |                       |                  |                         |                                  |                               |                                         |                      |
| 4.                        |                       |                  |                         |                                  |                               |                                         |                      |
| 5.                        |                       |                  |                         |                                  |                               |                                         |                      |

| NO. | P <sub>t</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 _____ X X X X X X X X |
| 3   |                |          |                |   | Specific Gravity Flowing Fluid _____ X X X X X       |
| 4   |                |          |                |   | Critical Pressure _____ P.S.I.A. _____ P.S.I.A.      |
| 5   |                |          |                |   | Critical Temperature _____ R _____ R                 |

|                     |                                     |                                                            |                                                                  |
|---------------------|-------------------------------------|------------------------------------------------------------|------------------------------------------------------------------|
| P <sub>c</sub> 1022 | P <sub>c</sub> <sup>2</sup> 1044484 | (1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1044484}{977403}$ | (2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0580$      |
| NO. 1               | P <sub>w</sub> 259                  | P <sub>w</sub> <sup>2</sup> 67081                          | P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> 977403 |
| 2                   |                                     |                                                            |                                                                  |
| 3                   |                                     |                                                            |                                                                  |
| 4                   |                                     |                                                            |                                                                  |
| 5                   |                                     |                                                            |                                                                  |

|                                        |                           |                               |              |
|----------------------------------------|---------------------------|-------------------------------|--------------|
| Absolute Open Flow 3114 Mcfd @ 15.025  |                           | Angle of Slope $\theta$ _____ | Slope, n .85 |
| Remarks: * 4.500" Liner - 3308' - 5785 |                           |                               |              |
| Gas Vented During Test - 536 MCF       |                           |                               |              |
| Approved By Commission:                | Conducted By: Mel Wileman | Calculated By: Ed Mabe        | Checked By:  |