

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

| | | | | | |
|---|-------------|-------------------------|---|-------------------------------------|-------------------------------------|
| Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special | | | | Test Date 12-30-80 | |
| Company El Paso Natural Gas Company | | | Connection El Paso Natural Gas Company | | |
| Pool So. Blanco | | | Formation Pictured Cliff | | Unit |
| Completion Date 12-23-80 | | Total Depth 3383 | Plug Back TD 3367 | Elevation 7059 GR | Farm or Lease Name Lindrith Unit |
| Csg. Size 4.500 | Wt. 10.5 | d 4.052 | Set At 3383 | Perforations: From 3282 To 3301 | Well No. #100 |
| Tbg. Size 1.660 | Wt. 2.33 | d 1.380 | Set At 3283 | Perforations: From To | Unit Sec. Twp. Rge. P 6 24 2 |
| Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single | | | | Packer Set At | County Rio Arriba |
| Producing Thru Tbg. | | Reservoir Temp. °F θ | Mean Annual Temp. °F | Baro. Press. - P _a 12 | State New Mexico |
| L | H | G _g | % CO ₂ | % N ₂ | % H ₂ 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 _w | Temp. °F | Press. p.s.i.g. | Temp. °F | Press. p.s.i.g. | Temp. °F | |
| SI | | | | | | | 867 | | 869 | | 7 Days |
| 1. | | | | | | | | | | | |
| 2. | | | | | | | | | | | |
| 3. | | | | | | | | | | | |
| 4. | | | | | | | | | | | |
| 5. | | | | | | | | | | | |

| RATE OF FLOW CALCULATIONS | | | | | | | |
|---------------------------|-----------------------|------------------|-------------------------|----------------------|-------------------------------|---|----------------------|
| NO. | Coefficient (24 Hour) | $\sqrt{h_w P_m}$ | Pressure P _m | Flow Temp. Factor Fl | Gravity Factor F _g | Super Compress. Factor, F _{pv} | Rate of Flow Q, Mcfd |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |

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

| NO. | P _t ² | P _w ² | P _w ² | P _c ² - P _w ² | (1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ | (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ |
|-----|-----------------------------|-----------------------------|-----------------------------|---|---|--|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |

Absolute Open Flow _____ Mcfd @ 15.025 Angle of Slope θ _____ Slope, n _____

Remarks: _____

| | | | |
|----------------------|----------------------------------|----------------------------------|-------------|
| Approved By Division | Conducted By: Harrison Harvey | Calculated By: H. E. McAnally | Checked By: |
|----------------------|----------------------------------|----------------------------------|-------------|

