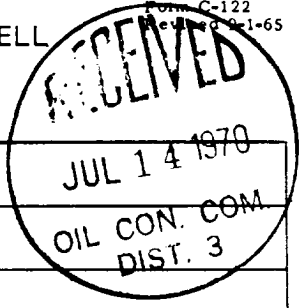


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



| | | | | | |
|---|--------------|-------------------------|---|--------------------------------------|--|
| Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special | | | Test Date 7-10-70 | | |
| Company Aztec Oil & Gas Company | | | Connection El Paso Natural Gas Company | | |
| Pool Blanco | | | Formation Mesaverde | | Unit |
| Completion Date 7-3-70 | | Total Depth 5700' | Plug Back TD 5680' | Elevation 6311 Gr | Farm or Lease Name Hale |
| Csq. Size 3 1/2" | Wt. 7.70# | d | Set At 5697' | Perforations: From 5110' To 5672' | Well No. #1 |
| Tbg. Size 1 1/2" | Wt. 2.90 | d | Set At 5505' | Perforations: From ---- To ---- | Unit Sec. Twp. Rye. A 27 31 8 |
| Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single | | | | Packer Set At ---- | County San Juan |
| Producing Thru Tubing | | Reservoir Temp. °F @ | Mean Annual Temp. °F | Baro. Press. - P _g | State New Mexico |
| L | H | Gg | % CO ₂ | % N ₂ | % H ₂ S |
| Prover | | Meter Run | Taps | | |

| NO. | FLOW DATA | | | | | TUBING DATA | | CASING DATA | | Duration of Flow |
|-----|------------------|---|--------------|-----------------|----------------------|-------------|-----------------|-------------|-----------------|------------------|
| | 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. | |
| 1. | 2" | | 3/4 | | | | 572 | | 570 | |
| 2. | | | | | | | 105 | | 460 | 3 hours |
| 3. | | | | | | | | | | |
| 4. | | | | | | | | | | |
| 5. | | | | | | | | | | |

| NO. | Coefficient (24 Hour) | $\sqrt{h_w P_m}$ | Pressure P _m | Flow Temp. Factor Ft. | Gravity Factor Fg | Super Compress. Factor, F _{pv} | Rate of Flow |
|-----|-----------------------|------------------|-------------------------|-----------------------|-------------------|---|--------------|
| | | | | | | | Q, Mcfd |
| 1 | 12.365 | | 105 | 1.0000 | .9258 | 1.0000 | 1202 |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

| | | | | | |
|-----|----------------|----------|----------------|---|--|
| NO. | P _r | Temp. °R | T _r | 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 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 _c 584 | P _c ² 341,056 | | | | (1) $\frac{P_c^2}{P_c^2 - R_w^2} = 2.8837$ | (2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 2.2128$ |
| NO | P _i ² | P _w | R _w ² | P _c ² - R _w ² | | |
| 1 | | 472 | 222,784 | 118,272 | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |

AOF = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 2660$

Absolute Open Flow 2660 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n _____

Remarks: _____

Approved By Commission: _____ Conducted By: _____ Calculated By: *[Signature]* Checked By: _____