

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **May 26, 1961**

Operator El Paso Natural Gas Company	Lease San Juan 28-5 No. 52
Location 1650'N, 1550'E, Sec. 32-28N-5W	County Rio Arriba State New Mexico
Formation Mesa Verde	Rock Blanco
Tubing Diameter 2-7/8" O.D. Set At Feet 5806	Tubing Diameter No Tubing Set At Feet ----
Flow Line Length 5224	Total Depth 5814 c/o 5800 Shut In 5-9-61
Flow Line Meter Sand/Water Frac.	Flow Line Closing X

Flow Line Length .750	Flow Line Diameter 12.365	Flow Line Pressure 17	Flow Line Temperature 1083	Flow Line Humidity 178	Flow Line Gravity 81	Flow Line Viscosity .9804	Flow Line Density .75	Flow Line Compressibility 1.018	Flow Line Expansion .680	Flow Line Contraction .9393
Tubingless Completion No Tubing Calculated 265 2202										

Q = 1.127 x 10⁻³ x P₁ x F₁ x F₂ x F₃ x F₄

(12.365)(190)(.9804)(.9393)(1.018)

2202

MCF D

$$Q = 1.127 \times 10^{-3} \times \left(\frac{P_1}{P_2} \right)^n$$

$$\left(\frac{1,199,025}{1,128,800} \right)^n$$

$$(2202)(1.0622)^{.75} = (2202)(1.0463)$$

2304

MCF D

D. R. Roberts

R. F. Hendrick

Calculated by: H. L. Kendrick



Lewis D. Galloway
L. D. Galloway