

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. 53	
Location 1800'N, 1565'E, Sec. 35-28N-5W		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing Diameter 2-7/8" O.D.	Set At Feet 5928	Tubing Diameter No Tubing	Set At Feet ----
Flow Zone Feet 5714	To 5844	Total Depth 5929 c/o 5922	Shut In 5-9-61
Flow Through Casing Sand/Water Frac.		Flow Through Tubing X	

Pressure Constant 0.750	Pressure Constant 12.365	Tubingless Completion	
Shut In Pressure (PSIG) 1127	Flow Pressure (PSIG) 1139	Shut In Pressure (PSIA) No Tubing	Flow Pressure (PSIA) 198
Flow Pressure (PSIG) 128	Flow Pressure (PSIA) 140	Calculated 1.012	Gravity .680
Flow Pressure (PSIG) 84	Flow Pressure (PSIA) .9786		.9393

Q = 1.151 (P₁ - P₂) / (P₁ - P₂)

$$(12.365)(140)(.9786)(.9393)(1.012)$$

1610

MCF/D

$$Q = 1.151 \left(\frac{P_1 - P_2}{P_1 - P_2} \right)^n$$

$$\left(\frac{1,297,321}{1,258,117} \right)^n$$

$$(1610)(1.0311)^{.75} = (1610)(1.0232)$$

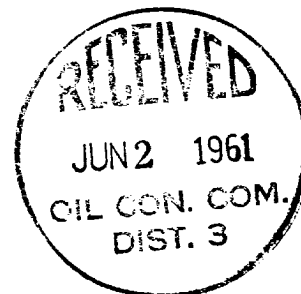
1647

MCF/D

R. F. Headrick

D. R. Roberts

Calculated by: H. L. Kendrick



Lewis D. Galloway
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