

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE June 27, 1958

Operator El Paso Natural Gas		Lease Rincon Unit 121	
Location 9908, 1650E; 23-27-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing: Diameter 5-1/2	Set At: Feet 3422	Tubing: Diameter 1-1/4	Set At: Feet 3391
Pay Zone: From 3229	To 3385	Total Depth: 3422 c/o 3410	Shut-In 6/13/58
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 1060	- 12 = PSIA 1072	Days Shut-In 14	Shut-In Pressure, Tubing, PSIG 1061
Flowing Pressure: P 148	- 12 = PSIA 160		Working Pressure: P _w , PSIG 160
Temperature: T 70		Fpv (From Tables) 1.015	Gravity .685

CHOKE VOLUME $Q = C \times P_i \times F_i \times F_g \times F_{pv}$

$$Q = 12.365 \times 160 \times .9905 \times .9359 \times 1.015 = \underline{1860} \text{ MCF/D}$$

$$\text{OPEN FLOW } A_{of} = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$A_{of} = \left(\frac{1151329}{1121745} \right)^n$$

$$1.0263^{.85} \times 1860 = 1.0223 \times 1860 =$$

$$A_{of} = \underline{1901} \text{ MCF/D}$$

TESTED BY Frank M. Clark

WITNESSED BY _____

Checked By H. L. Kendrick

Lewis D. Galloway
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