

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE February 16, 1960

Operator El Paso Natural Gas		Lease Rincon Unit No. 125 (M)	
Location 9908, 1650W; 26-27-6		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 7	Set At: Feet 7368	Tubing: Diameter 1-1/4	Set At: Feet 5327
Pay Zone: From 5424	To 5528	Total Depth c/o 7650	Shut In 1/16/60
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75		Choke Constant 12.365		9-5/8" at 3421	
Shut-In Pressure, Casing (MV) 1119	PSIG	12 - PSIA 1131	Days Shut-In 31	Shut-In Pressure, Tubing (MV) 1099	PSIG
Flowing Pressure: P (MV Csg) 122	PSIG	12 - PSIA 134		Working Pressure: P _w (MV Tbg.) 146	PSIG
Temperature: T = 58 F		n = 1.0019		E _{pv} From Tables 1.015	Gravity .708
		.75			F _g .9225

Initial SIPT (D) = 2571 psig

Final SIPT (D) = 2579 psig

Packer at 6248

CHOKE VOLUME $Q = C \times P_c \times F_c \times F_g \times F_{pv}$

$$Q = 12.365 \times 134 \times 1.0019 \times .9225 \times 1.015$$

1554

MCF/D

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

A_{of}

$$\left(\frac{1279161}{1254197} \right)^n$$

$$1.0199^{.75} \times 1554 = 1.0149 \times 1554$$

A_{of}

1577

MCF/D

TESTED BY **W. D. Dawson**

WITNESSED BY



Lewis D. Galloway
L. D. Galloway