

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE November 27, 1959

Operator El Paso Natural Gas		Well Rincon Unit No. 149 (M)	
Location 11008, 1750W; 30-27-6		State New Mexico	
Formation Mesa Verde		Blanco	
Casing Diameter 7	Set At Feet 7253	Casing Diameter 2	Set At Feet 5501
Pay Zone From 5166	To 5496	Total Depth 7653 c/o 7615	Start In: 11/12/59
Stimulation Method Sand Water Frac.		Flow Through Tubing X	

Choke Size, Inches .75	Choke Constant 12.365		
Shut-In Pressure, Gas 1098 (MV)	PSIG - 12 - PSIA 1110	Shut-In Pressure, Tubing 1102 (MV)	PSIG - 12 - PSIA 1114
Flowing Pressure, Gas 142	PSIG - 12 - PSIA 154	Flowing Pressure, Tubing 162	PSIG - 12 - PSIA 174
Temperature 59	Flowing Pressure, Gas .75	Flowing Pressure, Tubing 1.018	Gravity .708

Initial SIPT (Dek) = 2084 psig
Final SIPT (Dek) = 2093 psig

Baker "D" Packer at 5680

CHOKE VOLUME $C = C \times P_1 \times F_1 \times F_2 \times F_3$

$$C = 12.365 \times 154 \times 1.0010 \times .9225 \times 1.018$$

1790

MCF/D

OPEN FLOW

$$\left(\frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} \right)^n$$

$$\left(\frac{1240996}{1210720} \right)^n$$

$$1.0250^{.75} \times 1790 = 1.0187 \times 1790$$

1823

MCF/D

TESTED BY **B. V. Roberts**

WITNESSED BY

Lewis D. Galloway
L. D. Galloway