

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE November 28, 1961

Operator El Paso Natural Gas Company		Lease San Juan 27-5 No. 64 (MV)	
Location 890'S, 800'W, Sec. 9-27-5		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing Diameter 4-1/2	Set At: Feet 5937	Tubing Diameter 2-3/8	Set At: Feet 5838
Pay Zone: From 5298	To 5826	Total Depth: 5937 C/O 5913	Shut In 10-27-61
Stimulation Method Sand Water Frac.		Flow Through Tubing X	

Choke Size, Inches 0.750		Choke Constant: C 12.365		Baker "R" Pkr. at 3817	
Shut-In Pressure, Casing, PSIG 1028 (PC)	PSIA 1040	Days Shut-In 32	Shut-In Pressure, Tubing, PSIG (MV) 1092	PSIA 1104	
Flowing Pressure: P _w , PSIG 250	PSIA 262		Working Pressure: P _w (Calc.)	PSIA 531	
Temperature 65	.9952	.750	Evaporation Tables: 1.027	Gravity .670	E _g .9463

Initial SIPT (PC) = 762 psig

Final SIPT (PC) = 1034 psig

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

$$Q = (12.365)(262)(.9952)(.9463)(1.027)$$

3133

MCF D

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

$$\text{Act } \left(\frac{1,218,816}{936,855} \right)^n$$

$$(1.3009)^{.75}(3133) = (1.2183)(3133)$$

Act **3817**

MCF D

TELETYPE **Jesse B. Goodwin**

WITNESSED BY

Checked by: T. B. Grant

Lewis D. Galloway
Lewis D. Galloway

