

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE April 3, 1958

Operator El Paso Natural Gas Company		Lease San Juan 28-7 No. 82 (M)	
Location 1190N, 1190E, 4-27-7		County Rio Arriba	State New Mexico
Formation Mesa Verde		Well Blanco	
Casing: Diameter 7-5/8"	Set At: Feet 3453	Tubing: Diameter 2"	Set At: Feet 5653
Perforations From 4953	To 5070	Total Depth: 5719	Shut-in 2-16-58 Flow Through Tubing X
Stimulation Method Sand Water Frac		Flow Through Casing 5719	

Choke Size, Inches .750	Choke Constant, C 12.365	5-1/2" liner 3409' - 5718'
Shut-In Pressure, Casing, PSIG 1072 (PC)	PSIA 1084	Shut-In Pressure, Tubing, PSIG 1073 (MV)
Flowing Pressure, P _w , PSIG 371	PSIA 383	Working Pressure, P _w , PSIG (Calc) 782
Temperature, T, F 60	Gravity .750	Flow From Tables 1.044
		.684

Final SIPC (PC) = 1075 psig.

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_{av}$

$C = 12.365 (383) (1.0000) (.9393) (1.044) = 4,644$ MCF/D

$$Q_{PRV} = A \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$A = \left(\frac{1177225}{565701} \right)^n (2.0810)^{.75} (4,644) = (1.733) (4,644)$$

Actual **8,048** MCF/D

Witnessed by **E. R. Davis and Malcolm Rischard**

Witnessed by



Lewis D. Galloway
L. D. Galloway

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