

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE July 11, 1960

Operator El Paso Natural Gas Company		Lease File No. 5 (M)	
Location 8508, 820W; Sec. 5, 27N, 8W		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco Mesaverde	
Casing: Diameter 7"	Set At: Feet 7028	Tubing: Diameter 2" Hydril	Set At: Feet 4821
Pay Zone: From 4710	To 4844	Total Depth: 7035 c/o 6930	
Stimulation Method Sand Water Frac.		Flow Through Casing	Shut In 6/20/60 Flow Through Tubing X

Choke Size, inches .75		Choke Constant: C 12.365	
Shut-in Pressure, Casing, PSIG 964	12 = PSIA 976	Days Shut-In 21	Shut-in Pressure, Tubing, PSIG 964
Flowing Pressure, Casing, PSIG 115	12 = PSIA 127		Working Pressure, Tubing, PSIG 342
Temperature, °F 69			Flow (from Tables) 1.015
Pt = .9915	.75		Gravity .733 P _g = .9066

Initial SIPT = 2167 psig (Dk)

Final SIPT (Dk) = 2177 psig

Baker Model "D" Prod. Packer at 6602

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_p$

$$Q = 12.365 \times 127 \times .9915 \times .9066 \times 1.015$$

1433

MCF/D

OPEN FLOW AREA $Q = \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_2^2} \right)^n$

$$\left(\frac{952576}{827260} \right)^n$$

$$1.1514^{.75} \times 1433 = 1.1115 \times 1433$$

Area = 1593 MCF/D

TESTED BY Tom Grant

WITNESSED BY



Lewis D. Galloway
L. D. Galloway