

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE September 15, 1959

Operator El Paso Natural Gas Company		Lease San Juan 27-5 No. 4 (M) OWWO	
Location 990N, 990E; 29-27-5		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing Diameter 5	Set At Feet 5566	Tubing Diameter 2	Set At Feet 5471
Pay Zone From 5352	To 5494	Total Depth 5566 c/o 5525	Re Shut In: 8/11/59
Flow Through Method Sand Water Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches .75	Choke Constant, C 14.1605	5" Liner 4764 - 5566
Shut-in Pressure, PSIG 1006 (PC)	PSIG + 12 = PSIA 1018	Days Since In 35
Working Pressure, PSIG 168	PSIG + 12 = PSIA 180	Shut-in Pressure, Tubing (MV) 1090
Temperature, T 60	.75	Working Pressure, PSIG Calc. 396
		Eqv. Friction Coefficient 1.019
		Gravity .693

Initial SIPT (PC) = 1007 psig
Final SIPC (PC) = 1010 psig

Packer at 4798

CHOKE VOLUME $Q = C \times \sqrt{P_1 - P_2} \times \sqrt{F_g} \times \sqrt{F_v}$

$$Q = 14.1605 \times 180 \times 1.000 \times .9325 \times 1.019$$

2422

MCF/D

$$Q = \left(\frac{1214404}{1057588} \right)^n$$

$$Q = \left(\frac{1214404}{1057588} \right)^n$$

$$1.1482^{.75} \times 2422 = 1.1092 \times 2422$$

$$Q = 2686$$

MCF/D

W. D. Dawson



L. D. Galloway
L. D. Galloway

b. T. B. G.