

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE May 29, 1958

Operator El Paso Natural Gas		Lease San Juan 27-5 Unit 29 (M)	
Location 990S, 990W, 13-27-5		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing Diameter 7-5/8	Set At Feet 3614	Tubing Diameter 2	Set At Feet 5661
Pay Zone 5550	5750	Total Depth 5764	Shut-in 5/9/58
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing X

Choke Size, in. dia. 3/4	Flow Coefficient 12.365	5-1/2 liner 3577 - 5808
Shut-in Pressure, PSIG 998 (PC)	1010	20
Flowing Pressure, PSIG 249	261	1105 (MV)
Temperature, °F 67	.75	1117
		Calculated 522
		1.026
		.675

Final SIPC (PC) 1003

Packer at 3638
1-1/4" at 3504

CHOKE VOLUME $Q = C \times R \times F_1 \times F_2 \times F_3$

$$Q = 12.365 \times 261 \times .9933 \times .9427 \times 1.026$$

3,101 MCF/D

OPEN FLOW

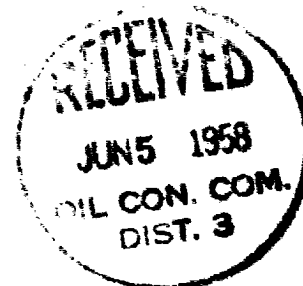
$$\left(\frac{P_1}{P_2} \right)^n$$

$$\left(\frac{1247689}{975205} \right)^n$$

$$1.2794^{.75} (3,101) = 1.2030 (3,101)$$

3,731 MCF/D

M. W. Rischard



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