

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE July 5, 1960

Operator El Paso Natural Gas Company		Lease San Juan 32-9 Unit No. 75	
Location 1610S, 890W; 18-32N-9W		Country San Juan	State New Mexico
Formation Mesaverde		Pool Blanco MV	
Casing Diameter 7-5/8	Set At Feet 3890	Tubing Diameter 2"	Set At Feet L= 6030 6036 Perfs on Bottom
Pay Zone From 5852	To 6040	Total Depth 6120 c/o 6069	Shut-In 6/21/60
Stimulation Method Sand Water Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, inches .75	Choke Constant, C 12.365	5-1/2" liner from 3826 to 6102	
Shut-In Pressure, Casing 1021	12 PSIA 1033	Shut-In Pressure, Tubing 1021	12 PSIA 1033
Flowing Pressure, P Tbg. 196	12 PSIA 208	Flowing Pressure, P Csg. 560	12 PSIA 572
Temperature, T 69	Gravity .75	Flow From Tubing 1.016	Gravity .618 Fg = .9877

CHOKE VOLUME - Q C x P₁ x P₂ x P₃ x P₄

$$C = 12.365 \times 208 \times .9915 \times .9877 \times 1.016$$

$$2559 \text{ MCF/D}$$

OPEN FLOW - Aof

$$\left(\frac{P_1^2 - P_2^2}{P_2^2 - P_w^2} \right)^n$$

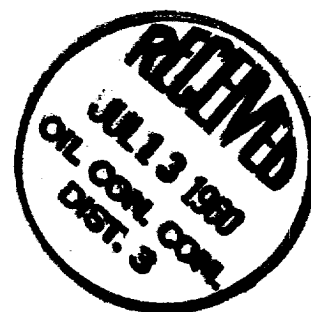
$$Aof = \left(\frac{1067089}{739905} \right)^n$$

$$1.4421^{.75} \times 2559 = 1.3160 \times 2559$$

$$Aof = 3368 \text{ MCF/D}$$

TESTED BY **W. D. Dawson**

WITNESSED BY



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