

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE August 24, 1962

Operator El Paso Natural Gas Company		Lease Payne No. 7	
Location 1650'N, 1500'W, Sec. 25, T-30-N, R-11-W		County San Juan	State New Mexico
Formation Pictured Cliff		Pool Aztec	
Casing: Diameter 2.875	Set At: Feet 2559	Tubing: Diameter No Tubing	Set At: Feet ---
Pay Zone: From 2438	To 2465	Total Depth: 2564	Shut In 8-13-62
Stimulation Method Sand Water Frac.		Flow Through Casing X	
		Flow Through Tubing:	

Choke Size, Inches .750		Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 556	12 - PSIA	Days Shut-In 11	Shut-In Pressure, Tubing PSIG No Tubing	12 - PSIA	
Flowing Pressure: P 261	12 - PSIA		Working Pressure: Pw Calc.	12 - PSIA	
Temperature: T 68 F			Fpv (From Tables) 1.026	Gravity .650	Fg .9608
	.9924	.850			

CHOKE VOLUME $Q = C \times P_f \times F_f \times F_g \times F_{pv}$

$$Q = (12.365)(273)(.9924)(.9608)(1.026)$$

3302

MCF/D

$$\text{OPEN FLOW } Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\frac{322,624}{211,735} \right)^n (1.5237)^{.85} (3302) = (1.4300)(3302) =$$

Aof 4722 MCF/DTESTED BY T. B. Grant

WITNESSED BY

Checked by H. E. McAnally

Lewis D. Galloway
Lewis D. Galloway

