

OPEN FLOW TEST DATA

DATE December 31, 1957

Operator El Paso Natural Gas Company		San Jacinto No. 4	
Location 1040'N, 1800'E, Sec. 21-29-10		San Juan New Mexico	
Formation Pictured Cliffs		Aztec	
Casing Diameter 5-1/2	Set At Feet 2047	Casing Diameter 1-1/4	Set At Feet 1970
Pay Zone From 1934	To 1978	Pay Zone From 2055	To
Stimulation Method Sand Water Frac.		Flow Through Tubing X	

Choke size, inches 0.750	Tube Length 12.365		
Shut-in Pressure, Casing, PSIG 650	Shut-in Pressure, Tubing, PSIG 662	Shut-in Pressure, Flow, PSIG 650	Shut-in Pressure, Flow, PSIG 662
Flowing Pressure, Casing, PSIG 234	Flowing Pressure, Tubing, PSIG 246	Flowing Pressure, Flow, PSIG 299	Flowing Pressure, Flow, PSIG 311
Temperature, Casing, F 53	Temperature, Tubing, F 0.85	Temperature, Flow, F 1.024	Temperature, Flow, F 0.645

CHOKER VOLUME $Q = C \times R \times E \times F$

$$C = 12.365 \times 246 \times 1.0068 \times .9645 \times 1.024$$

3025

OPEN FLOW Ref

$$Q = \left(\frac{438,244}{341,523} \right) \times 1.2832 \times .85 \times 3025 = 1.236 \times 3025$$

Ref 3739

W. R. Proctor

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L. D. Galloway
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