

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE June 26, 1957

Operator El Paso Natural Gas Company		Lease Jicarilla No. 2-D	
Location 1750'N, 1750'W, Sec. 29-25-4		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing: Diameter 5 1/2	Set At: Feet 3303	Tubing: Diameter 2	Set At: Feet 3223
Pay Zone: From 3226	To 3252	Total Depth: 3315 - e/o - 3265	
Stimulation Method Sand Water Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches 0.750		Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 1014	- 12 - PSIA 1026	Days Shut-In 21	Shut-In Pressure, Tubing, PSIG 1014
Flowing Pressure: P, PSIG 404	- 12 - PSIA 416		Working Pressure: Pw, PSIG 756
Temperature: T, °F 74	n .850		Fpv (From Tables) 1.039
			Gravity .650

CHOKE VOLUME $Q = C \times P_r \times F_c \times F_g \times F_{pv}$

$$Q = 12.365 \times 416 \times .9868 \times .9608 \times 1.039$$

5067 MCF/D

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

$$Aof = \left(\frac{1,052,676}{462,852} \right)^{.85} \times 5067 = 2.010 \times 5067$$

Aof 10,185 MCF/DTESTED BY Tom Grant

WITNESSED BY _____

L. D. Galloway
L. D. Galloway



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