

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **November 5, 1963**

Operator El Paso Natural Gas Company	Lease Canyon Largo No. 120
Location 1100'S, 1650'W, Sec. 5, T-24-N, R-6-W	County Rio Arriba State New Mexico
Formation Pictured Cliffs	Pool South Blanco
Casing: Diameter 2.875 Set At: Feet 2404	Tubing: Diameter No Tubing Set At: Feet ----
Pay Zone: From 2258 To 2274	Total Depth: 2404 Shut In 10-29-63
Stimulation Method Sand/Water Frac.	Flow Through Casing X Flow Through Tubing

Choke Size, Inches 0.75	Choke Constant: C 12.365	"TUBINGLESS COMPLETION"
Shut-In Pressure, Casing, PSIG 656	PSIA 668 Days Shut In 7	Shut-In Pressure, Tubing, PSIG ---- PSIA ----
Flowing Pressure, Casing, PSIG 171	PSIA 183	Working Pressure, Tubing, PSIG 221 PSIA 221
Temperature, Casing, F 59	n 1.0010 .85	Gravity .650 F _g .9608
		Calc. 1.018

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_v$

$C = 12.365 \times 183 \times 1.0010 \times .9608 \times 1.018$

2215

MCF/D

OPEN FLOW $Q = \left(\frac{P_1^2 - P_A^2}{P_1^2 - P_A^2} \right)^n$

$Q = \left(\frac{446,224}{397,383} \right)^n$

$(1.1229)^{.85} (1.1035) (2215)$

$Q = 2444$

MCF/D



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