

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

October 27, 1960

Operator El Paso Natural Gas Company	Well San Juan 27-4 No. 26
Location 860'S, 790'W, 31-27N-4W	County Rio Arriba
Formation Mesa Verde	State New Mexico
Casing Diameter 7-5/8"	Set At Feet 4296
Flow Zone From 6280	Set At Feet 6280
Stratigraphic Interval Sand/Water Frac.	Total Depth 6460 c/o 6450
	Flow Through Casing 10-1-60
	Flow Through Tubing X

Choke Size, Inches .75	Choke Coefficient 12.365	5-1/2" Liner from 4202 to 6456
Shut-in Pressure, PSIG 1164	PSIG 1176	Shut-in Pressure, Tubing 1166
Flowing Pressure, PSIG (Tbg.) 222	PSIG 234	Flowing Pressure, Tubing 1178
Temperature 58	Temperature 1.0019	Working Pressure, PSIG (Cag.) 581
		Gravity .670
		Specific Gravity .9463
		1.025

CHOKE VOLUME $Q = C \times R \times F_1 \times F_2 \times F_3$

$C = (12.365) (234) (1.0019) (.9463) (1.025)$

2812 MCF/D

OPEN FLOW $Q = \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_2^2} \right)^n$

$\left(\frac{1387684}{1036035} \right)^n (1.3394)^{.75} (2812) = (1.2452) (2812)$

3502

W. D. Dawson

Checked by T. B. Grant



Lewis D. Galloway
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