

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **November 11, 1960**

Operator El Paso Natural Gas Company	Lease Blanco Development 27-9	No. 4-12
Location 1090'S, 990'W, 12-27N-9W	County San Juan	State New Mexico
Formation Mesa Verde	Blanco MV	
Casing Diameter 7"	Set At Feet 4280	
Pay Zone From 4330	To 4452	
Stimulation Method Sand/Water Frac.	Flow Through Casing 4552 C/O 4517	Flow Through Tubing 10-24-60
		X

Choke Size .75	Choke Constant C 12.365	5-1/2" Liner from 4223 to 4552
Shut-In Pressure 1098	Flowing Pressure 346	Pressure at Tubing 1091
Flowing Pressure (Tbg) 334	Temperature .9896	Gravity .650
Temperature 71	.75	1.033
		.9608

CHOKER VOLUME = $Q \times P_1 \times F_1 \times F_2 \times F_3$

$$= (12.365)(346)(.9896)(.9608)(1.033)$$

4202 MCF/D

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

$$\left(\frac{1,205,604}{644,603} \right)^n (1.8703)^{.75} (4202) = (1.6000)(4202)$$

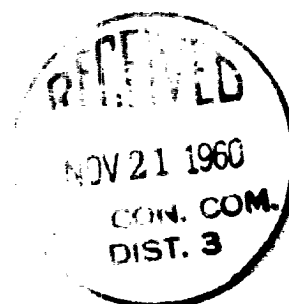
6723 MCF/D

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