

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE April 4, 1957

Operator El Paso Natural Gas Company		Lease Moore # 6	
Location 1460'S, 1750'W, Sec. 25-32-12		County San Juan	State New Mexico
Formation Mesa Verde		Blanco	
Casing Diameter 7 5/8	Set At: Feet 5149	Tubing Diameter 2"	Set At: Feet 5393
Pay Zone: From 5260	To 5494	4798 c/o - 4750	
Stimulation Method Sand Water Frac		Flow Through Tubing X	

Choke Size, inches .750	Choke Constant 14.1605	5 1/2" liner 5105 - 5484
Shut-In Pressure, P _{si} 1008	PSIG 12 PSIA 1020	Flowing Pressure, P _w 1010
Flowing Pressure, P _w 404	PSIG 12 PSIA 416	Working Pressure, P _w 807
Temperature, T 57	F .75	per 1000 ft 1.048
		Gravity .676

CHOKE VOLUME $Q = C \times P_1 \times P_2 \times P_3 \times P_4 \times P_5$

$$C 14.1605 \times 416 \times 1.0029 \times .9427 \times 1.048$$

5837

MCF/D

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

$$A_{of} \left(\frac{1,044,484}{373,723} \right)^n (2.795)^{.75} \times 5837 = 2.16 \times 5837$$

A_{of} 12,608

MCF/D

K. C. McBride



L. D. Galloway
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OIL CONSERVATION COMMISSION

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