

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **October 18, 1956**

Operator El Paso Natural Gas Company		Lease Howell # 1-A (Old Well Worked Over)	
Location 1650'N, 1650'E, Sec. 8-30-8		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing Diameter 5 1/2	Set At Feet 4660 - 5463	Tubing Diameter 2"	Set At Feet 5440
Casing Depth 4966	5429	Total Depth c/o - 5455	
Production Method Sand Water Frac		Flow Through Casing	Flow Through Tubing X

Choke Size (inches) 0.75	Choke Constant, C 14.1605	Shut-In Pressure, Tubing 918	PSIG 930
Shut-In Pressure, Casing 919	PSIA 931	Days Shut-In 11	
Working Pressure, Casing 345	PSIA 357	Working Pressure, Pw 799	PSIG 811
Temperature 68	.75	Flow From Testers 1.035	Gravity .655

CHOKE VOLUME = $14.1605 \times 357 \times .9924 \times .9571 \times 1.035$

4970 MCF D

OPEN FLOW = $\left(\frac{866,761}{209,040} \right)^{.75} \times 4970 = 2.90 \times 4970$

14,413 MCF D

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R. A. Ullrich



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