

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE April 17, 1957

Operator El Paso Natural Gas Company		Lease Warren # 5	
Location 1850'N, 1750'E, Sec. 24-28-9		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing Diameter 7 5/8	Set At Feet 2408	Tubing Diameter 2"	Set At Feet 4612
Pay Zone From 4467	4652	Total Depth 4710 - 4660. Packer at 2437.	
Stimulation Method Sand Water Frac		Flow Through Casing Flow Through Tubing	

Choke Size, Inches 0.75	Choke Constant, C 14.1605	5 1/2" liner - 2349 to 4707	
Shut-in Pressure, Casing, PSIG 834	Days Shut-in 9	Shut-in Pressure, Tubing, PSIG 1033	PSIA 1045
Flowing Pressure, Casing, PSIG 283	Flowing Pressure, Tubing, PSIG Calculated	Flowing Pressure, PSIA 615	
Temperature, °F 66	Gravity .75	Flow Through Tubing 1.035	Gravity .710

Final SIPC (Pictured Cliffs) - 832 psig

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

$$C = 14.1605 \times 295 \times .9943 \times .9193 \times 1.035$$

3952

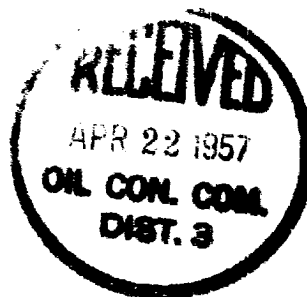
MCF/D

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

1,092,025
713,800

5436

$$(1.5298)^{.75} \times 3952 = 1.3755 \times 3952$$



R. A. Ullrich

cc: E. W. Coel, Jr. (6)

L. D. Galloway
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