

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE July 17, 1957

Operator El Paso Natural Gas Company		Lease Jicarilla No. 5-B	
Location 950'S, 925'W, Sec. 27-25-4		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing Diameter 5 1/2	Set At: Feet 3260	Tubing Diameter 2"	Set At: Feet 3093
Pay Zone: From 3160	To 3176	Total Depth 3260	
Stimulation Method Sand Water Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches .750	Choke Constant: C 12.365	
Shut-In Pressure, Casing, PSIG 994	PSIG - 12 PSIA 1006	Days Shut-In 17
Flowing Pressure: P, PSIG 362	PSIG - 12 PSIA 374	Shut-In Pressure, Tubing, PSIG 994
Temperature: T, °F 71		Working Pressure: Pw, PSIG 826
		Spv. From Tables: Gravity 1.041

CHOKE VOLUME $Q = C \times P_r \times F_r \times F_g \times F_{gv}$

$$Q = 12.365 \times 374 \times .9896 \times .9292 \times 1.041$$

4427

MCF/D

$$\text{OPEN FLOW } A_{of} = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$A_{of} = \left(\frac{1,012,036}{309,792} \right)^n \quad 3.267^{.85} \times 4427 = 2.735 \times 4427$$

$$A_{of} = 12,108 \text{ MCF/D}$$

TESTED BY: K. C. McBride

WITNESSED BY: _____

L. D. Galloway
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