

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE December 23, 1958

Operator El Paso Natural Gas		Lease Jicarilla 8-B	
Location 1650N, 1650E; 28-25-4		County Rio Arriba	State New Mexico
Format Pictured Cliffs		Pool South Blanco	
Casing Diameter 5-1/2	Set At: Feet 3315	Tubing Diameter 2"	Set At: Feet 3264
Pay Zone: From 3242	To 3278	Total Depth 3327 c/o 3209	Shut in 12/13/58
Stimulation Method Sand Water Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, inches .75		Choke Constant: C 12.365	
Shut-in Pressure, Casing 943	PSIG	12 - PSIA 955	Days on hole 10
Flowing Pressure, P 392	PSIG	12 - PSIA 404	Shut-in Pressure, Tubing 943
Temperature, °F 56			Working Pressure, Pw 693
			Flowing Pressure, Pw 705
			Flowing Pressure, Pw 1.054
			Gravity .718

CHOKE VOLUME = $Q = C \times P_1 \times T_1 \times F_g \times F_{ov}$

$Q = 12.365 \times 404 \times 1.0039 \times .9161 \times 1.054 = 4842$ MCF D

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

$A_{of} = \left(\frac{912025}{415000} \right)^n \quad 2.1976^{.88} \times 4842 = 1.9510 \times 4842$

$A_{of} = 9447$ MCF D

NOTED BY **M. W. Rischard**

WITNESSED BY _____



L. D. Galloway
L. D. Galloway by *L. L. K.*

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