

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 2, 1958

Operator El Paso Natural Gas		Lease Canyon Largo Unit 47	
Location 1650N, 1650E; 32-25-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Canyon Largo PC	
Casing Diameter 5-1/2	Set At: Feet 2670	Tubing Diameter 1-1/4	Set At: Feet 2572
Pay Zone, Feet 2545	To 2632	Total Depth 2678 c/o 2642	Shut-in 6/25/58 Flow Through Tubing
Stimulation Method Sand Water Frac.		Flow Through Casing X	

Well Size, inches .75	Flow Constant 12.365	Shut-in Pressure, Casing, PSIG 692	PSIA 704	Days Shut-In 47	Shut-in Pressure, Tubing, PSIG 692	PSIA 704
Flowing Pressure, P, PSIG 232	PSIA 244	Working Pressure, P _w , PSIG 239	PSIA 251	Epv From Tables 1.025	Gravity .674	
Temperature, T, F 67	.85					

CHOKED FLOW $Q = C \times R_1 \times S \times F_g \times F_{pv}$

$Q = 12.365 \times 244 \times .9933 \times .9463 \times 1.025$

$2907 \dots \dots \dots$ MCF/D

CONSTANT $A = F \times Q \left(\frac{P_1^2}{P_2^2 - P_w^2} \right)^{1/n}$

$A = \left(\frac{495816}{432615} \right)^{1/n}$

$1.1456^{.88} \times 2907 = 1.1223 \times 2907$

Act $Q = 3263 \dots \dots \dots$ MCF/D

Jesse B. Goodwin

Checked By

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