## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

DATE \_\_\_\_August 6, 1975

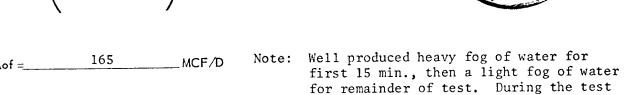
Operator El Paso Natural Gas Company  Location 800/S, 1175/W, Sec 6, T 27 W, R 7 W  Formation Chacra		San Juan 28-7 Unit #117			
		Largo Chacra Ext			
		Casing: Diameter 2.875	Set At: Feet 4300†	Tubing: Dlameter No tubing	
Pay Zone: From 4262	т <b>•</b> 4272	Total Depth: 4300	PBTD 4289	Shut In 7-23-75	
Stimulation Method Sandwater Frac		Flow Through Casing XX		Flow Through Tubing	

Choke Size, Inches Choke Constant: C . 750 12.365		Choke Constant: C				
		5	Tubingless Com	1		
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA 1012	Days Shut-In	Shut-In Pressure, Tubing No tubing	PSIG	+ 12 = PSIA 
Flowing Pressure: P	PSIG	+ 12 = PSIA 14		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 19
Temperature:		n =		Fpv (From Tables)		Gravity
T=59 •F Ft=	1.001	.75		1.004		.666 Fg = .9491

CHOKE VOLUME = $Q = C \times P_t \times F_t \times F_g \times F_{PV}$			
0 = (12.365)(14)(1.001)(.9491)(1.004)	=	165	MCF/D

OPEN FLOW = Aof = Q 
$$\begin{pmatrix} & & & \\ & \frac{2}{P_c} & \\ & P_c & P_w \end{pmatrix}$$

Aof = 
$$Q\left(\frac{1024144}{1023783}\right)^{\mathbf{n}} = 165(1.0004)^{.75} = 165(1.0003)$$



Well Test Engineer

25.56 MCF of gas was vented into atmosphere.

