## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

DAT	E	July	17,	197	3

Operator		Leose	,	
El Paso Natural Gas Company		San Juan 27-5 Unit 156		
Location 1840/N, 1600/	E Sec 22, T-27-N, R-5-W	County Rio Arriba	State New Mexico	
Formation Pictured Cliffs		Pool Tapacito		
Casing: Diameter 2 7/8	Set At: Feet 3481	Tubing: Diameter No tubing	Set At: Feet	
Pay Zone: From 3360	т <b>о</b> 3386	Total Depth: 3481	Shut In 7-9-73	
Stimulation Method	SWF	Flow Through Casing	Flow Through Tubing	

Choke Size, Inches		Choke Constant	r: C			
.750		12.3	65	Tubingless Com	pletion	
Shut-In Pressure, Casing, 865	PSIG	+ 12 = PSIA 879	Days Shut-In 16	Shut-In Pressure, Tubing No tubing	PSIG	+ 12 = PSIA
Flowing Pressure: P 187	PSIG	+ 12 = PSIA 199		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 257
Temperature: T= 60 °F Ft=	1.000	n = .85		Fpv (From Tables) 1.019		Gravity .655 Fg = .9571

Q = (12.365)(199)(1.000)(.9571)(1.019)

= 2400 \_\_\_\_\_ MCF/D

OPEN FLOW = Aof = Q 
$$\begin{pmatrix} 2 \\ P_c \\ P_c \end{pmatrix}$$
 NOTE: The well produced dry gas.

Aof = 
$$Q\left(\frac{772641}{706592}\right)^n = 2400(1.0935) = 2400(1.0789)$$

Aof = 2589 MCF/D

TESTED BY \_\_\_\_\_ Rhames

WITNESSED BY\_\_\_\_\_