## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

DATE February 14, 1974

El Paso Natural Gas Company Location 1570/S, 1150/E, Sec. 16, T27N, R7W		San Juan 28-7 Unit #171 (PC)		
		Formation		Pool
Pictured Cliffs		So. Blanco		
Casing: Diameter 2.875	Set At: Feet 32371	Tubing: Diameter No Tubing	Set At: Feet	
Pay Zone: From 3086	т <sub>о</sub> 3162	Total Depth: 4129	Shut in 1-22-74	
Stimulation Method		Flow Through Casing	Flow Through Tubing	
Sandwater Frac		∥. XX		

Choke Size, Inches		Choke Constant	r: C			
. 750		12.365		Tubingless Comp	letion	·
Shut-In Pressure, Casing, 655	PSIG	+ 12 = PSIA 667	Days Shut-In 23	Shut-In Pressure, Tubing No Tubing	PSIG	+ 12 = PSIA
Flowing Pressure: P	PSIG	+ 12 = PSIA 283		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 362
Temperature:		n =		Fpv (From Tables)		Gravity
T= 52 °F Ft=1	.0078	85		1.031		.660 Fg = .9535

CHOKE VOLUME = Q = C x P, x F, x Fg x Fpv

Q = 12.365(283)(1.0078)(.9535)(1.031)

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

Aof = Q 
$$\left(\begin{array}{c} 444889 \\ \hline 313845 \end{array}\right)^{n} = 3467(1.4175)^{.85} = 3467(1.3453)$$



Aof	=	4664	_MCF	/C
$\sim$ 01		<u> </u>		_

Note: The well produced a dry flow.

TESTED BY Johnson

WITNESSED BY Rhames

Loren W. Fathersill

Loren W. Fothergill Well Test Engineer