EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE ___August 24, 1973

Operator El Paso Natural Gas Company Location 1000/N, 1650/W Sec. 27, T-27-N, R5W Formation Pictured Cliffs		San Juan 27-5 Unit #81		
		County Rio Arriba	State New Mexico	
		Pool Tapacito		
Casing: Diameter 2 7/8"	Set At: Feet 33761	Tubing: Dlameter No Tubing	Set At: Feet	
Pay Zone: From 3222 *	To 3320'	Total Depth: 3376 *	Shut In 8-7-73	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing	

Choke Size, Inches		Choke Constant: C 12.365		Tubingless Completion			
Shut-In Pressure, Casing,	PSIG 994	+ 12 = PSIA 1006	Days Shut-In 16	Shut-In Pressure, Tubing No Tubing	PSIG	+ 12 = PSIA	
Flowing Pressure: P	PSIG 48	+ 12 = PSIA 60		Working Pressure: Pw CALCULATED	PSIG	+ 12 = PSIA 76	
Temperature:		n =		Fpv (From Tables)		Gravity	
T= 58 °F Ft=	1.00	2 .85		1.004		.655	$F_9 = .9571$

$$Q = (12.365) (60) (1.002) (.9571) (1.004) = _____$$

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

Aof =
$$Q\left(\frac{1012036}{1006260}\right)^n$$
 = 714 (1.0057) $\cdot 85$ = 714 (1.0049)



714 MCF/D

Aof = 718 MCF/D Note: Well Produced a light mist of water throughout test.

TESTED BY BJ B

WITNESSED BY_____

William D. Welch

Well Test Engineer