## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

DATE December 4, 1974

Operator El Paso Natural Gas Company  Location 1760/S, 1505/E, Sec. 21, T27N, R4W  Formation Pictured Cliffs		San Juan 27-4 Unit #77		
		County Rio Arriba	State New Mexico	
		Pool Tapacito		
Casing: Diameter 2.8751	Set At: Feet 4139	Tubing: Diameter No Tubing	Set At: Feet	
Pay Zone: From 39981	To 4078'	Total Depth: PBTD 4139' 4128'	Shut In 11-27-74	
Stimulation Method Sandwater Frac		Flow Through Casing XX	Flow Through Tubing	

Choke Size, Inches		Choke Constant	: C				
.750		12.365		Tubingless Comp			
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA	
1060		1072	7	No Tubing			
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure; Pw	PSIG	+ 12 = PSIA	
115		127		Calculated		169	
Temperature:		n =	•	Fpv (From Tables)		Gravity	
τ= 58 •F	$F_{t}=1.002$	.85		1.013		.680	$F_9 = 0.9393$

$$Q = 12.365(127)(1.002)(0.9393)(1.013)$$

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

Aof = Q 
$$\left( \frac{1149184}{1120623} \right)^{n}$$
 = 1497(1.0255)  $\cdot 85_{=1497(1.0216)}$ 



Note: The well produced a heavy fog of

paraffin and oil.

TESTED BY F. Johnston

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

Loren W. Fothergill
Well Test Engineer