OPEN FLOW TEST DATA

DATE 12/11/72

Operator EL PASO NATURAL GAS COMPANY Location /770 1600/N, 1730/W, Sec. 20. T29N, R8W		Leose			
		Hughes #18			
		County	State		
1600/N, 1730/ W, Sec	. 20. T29N, R8W	San Juan	NM		
Formation		Pool			
Pictured Cliffs		Blanco			
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet		
2.875	3238	No tubing			
Pay Zone: From	То	Total Depth:	Shut In		
3138	3172	3238	12/4/72		
Stimulation Method		Flow Through Casing	Flow Through Tubing		
SWF		X			

Cheke Stas, Indias		Choke Constant: C				
		12,36	5	Tubingless Completion		
Shut-In Pressure, Casing, 1.007	P\$IG	+ 12 = PSIA 1019	Days Shut-In	Shut-In Pressure, Tubing No tubing	PSIG '	÷ 12 = PSIA
Flowing Pressure: P	PSIG	+ 12 = PSIA 126		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 160
Temperature:	F+=1.0039	n = .85		Fpv (From Tables) 1.011		Gravity .645

CHOKE VOLUME = Q = C × P_t × F_t × F_g × F_Pv
$$Q = (12.365)(126)(1.0039)(0.9645)(1.011) = 1525$$
 MCF/D

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

Aof = Q
$$\left(\begin{array}{c} 1038361 \\ \hline 1012761 \end{array}\right)^{n}$$
 = $(1525)(1.0253)^{*}$ = $(1525)(1.0214)$

RELEIVED
DEC 1 4 1972
OIL CON. COM.

Aof	<u>1558</u>	MCF/D
MUI		

NOTE: The well produced a light spray of water throughout the test.

TESTED BY R. Hardy

WITNESSED BY_____

William D Welch

William D. Welch Well Test Engineer