EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE October 16, 1973

Operator El Paso Natural Gas Company		Canyon_Largo_Unit #196			
					Location 1050
1180/S, 900/E, Sec. 33, T25N, R7W		Rio Arriba	New Mexico		
Formation		Pool			
Pictured Cliffs		Ballard			
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet		
2.875	2628'	No Tuhing			
Pay Zone: From	То	Total Depth:	Shut In		
2500	2566	2628'	10-1-73		
Stimulation Method		Flow Through Casing	Flow Through Tubing		
Sandwater Frac		x			

Choke Size, Inches		Choke Constant: C				
.750		Tubingless Completion				
Shut-In Pressure, Casing, F	SIG 1	12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing		+ 12 = PSIA
277		289	15	No Tubing		
Flowing Pressure: P	SIG +	+ 12 = PSIA		Working Pressure: Pw	PSIG	+ 12 = PSIA
62		74		Calculated		90
Temperature:	n	=		Fpv (From Tables)		Gravity
T= 63°F Ft= .9	971	.85		1.009		700 Fg = 9258

$$Q = (12.365)(74)(.9971)(.9258)(1.009) = 852$$

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

Aof =
$$Q\left(\begin{array}{c} -83521 \\ 75421 \end{array}\right)^{n} = 852 (1.1074)^{-.85} = 852 (1.0906)$$



Aof = 929 MCF	= /C
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Note: Blew a light spray of water

throughout the test.

TESTED BY Hardy

WITNESSED BY_____

William D. Welch

William D. Welch Well Test Engineer