EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE ___4-14-71___

Operator		Lease	
El Paso Natural Gas Company		Case No. 12	
Location		**County**	**State**
845 S, 850 W, S 5, T31N, R11W		San Juan	New Mexico
Formation		**Pool**	
Pictured Cliffs		Blanco	
Casing: Diameter	**Set At: Feet**	**Tubing: Diameter**	**Set At: Feet**
2.875	2988	no tubing	
Pay Zone: From	**To**	**Total Depth:**	**Shut In**
2858	2894	2988	4-5-71
Stimulation Method		**Flow Through Casing**	**Flow Through Tubing**
S W F		XX	

Choke Size, Inches		Choke Constant: C				
.75		12.365		tubingless completion		
Shut-In Pressure, Casing, PSIG		**+ 12 = PSIA**	**Days Shut-In**	**Shut-In Pressure, Tubing PSIG**		**+ 12 = PSIA**
910		922	9	no tubing		
Flowing Pressure: P PSIG		**+ 12 = PSIA**		**Working Pressure: P_w PSIG**		**+ 12 = PSIA**
127		139		calculated		174
Temperature:		**n =**		**Fpv (From Tables)**		**Gravity**
T= 61 °F Ft= .9990		.85		1.013		.675 Fg = .9427

CHOKE VOLUME = Q = C x P_f x F_f x F_g x F_{pv}

Q = 12.365 x 139 x .9990 x .9427 x 1.013   = ___1640___ MCF/D

OPEN FLOW = Aof = Q $\left(\dfrac{P_c^2}{P_c^2 \quad P_w^2} \right)^n$

Note: Well blew light fog of water throughout the test.

$Aof = \left(\dfrac{850084}{819808} \right)^n$ = $1640(1.0369)^{.85}$ = $1640(1.0313)$

Aof = ___1691___ MCF/D

TESTED BY ___J. B. Goodwin___

WITNESSED BY _____

H. L. Kendrick