EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE May 23, 1973

Operator El Paso Natural Gas Company Location 1800'N, 1736'W, Section 27, T32N, R11W Formation Pictured Cliffs		Barnes No. 12	
		County San Juan	State New Mexico
		Pool Undesignated	
Casing: Diameter 2.875	Set At: Feet 3423	Tubing: Diameter No Tubing	Set At: Feet
Pay Zone: From 3244	т• 3264	Total Depth: 3423	Shut In 5-14-73
Stimulation Method SWF		Flow Through Casing XX	Flow Through Tubing

Choke Size, Inches		Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, 920	PSIG	+ 12 = PSIA 932	Days Shut-In 9	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA
Flowing Pressure: P 149	PSIG	+ 12 = PSIA 161		Working Pressure: Pw PSIG	+ 12 = PSIA 206
Temperature: T= 59 °F Ft=]	.0010	n = .85		Fpv (From Tables) - 1.014	Gravity .635 Fg = .9721

CHOKE VOLUME = Q = C x P, x F, x Fg x Fpv

$$Q = (12.365)(161)(1.0010)(.9721)(1.014)$$

OPEN FLOW = Aof = Q
$$\begin{pmatrix} & & & \\ & \frac{P_e^2}{P_e - P_w} \end{pmatrix}$$

NOTE: Well produced dry gas throughout test.

Aof = Q
$$\left(\frac{868624}{826188} \right)^{\mathbf{n}}$$
 = (1964) (1.0514) = (1964) (1.0435)

2051 _MCF/D

DIST. 3

TESTED BY Bobby Broughton

WITNESSED BY_____

William D. Welch, Well Test Engineer