## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

DATE May 22, 1974,

Coperator El Paso Natural Gas Company  Location 1090/S, 1460/W, Sec. 26, T30N, R11W  Formation Pictured Cliffs		Lease Forrest #3		
		County San Juan	State New Mexico	
		Pool Aztec		
Casing: Diameter 2,875	Set At: Feet 24931	Tubing: Diameter No Tubing	Set At: Feet	
Pay Zone: From 2300 !	T• 2332 •	Total Depth: PBTD 2493' 2483'	Shut In 4-8-74	
Stimulation Method Sandwater Frac		Flow Through Casing XX	Flow Through Tubing	

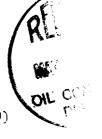
Choke Size, Inches		Choke Constant: C 12.365		Tubinal con Compl		
				Tubingless Completion		
Shut-In Pressure, Casing, 394	PSIG	+ 12 = PSIA 406	Days Shut-In 44	Shut-In Pressure, Tubing No Tubing	PSIG	+ 12 = PSIA
Flowing Pressure: P	PSIG	+ 12 = PSIA 122		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 147
Temperature:		n =		Fpv (From Tables)		Gravity
T= 67 °F	Ft = .9933	.85		1.0110		.655 Fg = .957

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

$$Q = 12.365(122)(.9933)(.9571)(1.0110) = 1450 MCF/D$$

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

Aof = Q 
$$\left(\begin{array}{c} 164836 \\ 143227 \end{array}\right)$$
 = 1450(1.1509)  $^{.85}$ =1450(1.1269)



Aof = 1634 . MCF/D

Note: The well blew a very light fog

of water.

TESTED BY \_\_\_L. W. Fothergill

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

Loren w Fothergell Loren W. Fothergill

Well Test Engineer