EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

Operator Northwest Production Corp. Location NW 5-26-5 Formation Pictured Cliffs		Jicarilla 152 W #4-A (PC)		
		County Rio Arriba	State New Mexico	
		So. Blanco		
Casing: Diameter 4.500	Set At: Feet 5856 1	Tubing: Diameter 1 1/4	Set At: Feet 3261'	
Pay Zone: From 3160	то 3206	Total Depth: 5856	Shut In 9-2-78	
timulation Method Sandwater Frac		Flow Through Casing XX	Flow Through Tubing	

Choke Size, Inches .750	Choke Constant: C				
Shut-In Pressure, Casing, 963	PSIQ + 12 = PSIA Days Shut-In 575 475 30	Shut-In Pressure, Tubing 965	PSIG	+ 12 = PSIA 977	
Flowing Pressure: P	FSIG + 12 = PSIA	Working Pressure: Pw 244	PSIG	+ 12 = PSIA 256	
Temperature:	.9990 .85	Fpv (From Tables) 1.026	· ·	Gravity .670	Fg = .9463

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

$$Q = 12.365(245)(.9990)(.9463)(1.026) = _______MCF/D$$

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

Aof =
$$Q\left(\begin{array}{c} 954529 \\ \hline 888993 \end{array}\right)^{n} = (1.0737)^{.85} = (2938) = (1.0623)(2938)$$

Note: Well blew dry gas throughout test and vented 322 MCF.

TESTED BY ___ R. Hardy

WITNESSED BY_____