EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE _____10-6-78

Operator Northwest Production Corp. Location SE 5-26-05 Formation Pictured Cliffs		Jicarilla 152 W #2-A		
		County Rio Arriba	State New Mexico	
		So. Blanco		
Casing: Diameter 4.500	Set At: Feet 5855 t	Tubing: Diameter 1 1/4	Set At: Feet 3310 t	
Pay Zone: From 3184 *	T ₀ 3252'	Total Depth: 5855*	Shut In 8-10-78	
Stimulation Method Sandwater Frac		Flow Through Casing XX	Flow Through Tubing	

Choke Size, Inches		Choke Constant: C				
.750		12.365				
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA
763		775	57		765	777
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: Pw	PSIG	+ 12 = PSIA
173		185			180_	192
Temperature:		n =		Fpv (From Tables)		Gravity
T= 60 °F F+=	1.000	.85		1.019		.670 Fg = $.9463$

CHOKE VOLUME = Q = C x Pt x Ft x Fg x Fpv

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

Aof =
$$Q\left(\frac{603729}{566865}\right)^{n}$$
 = $(1.0650)^{.85}$ = (2206) = (1.0550) (2206)

Note: Well blew dry gas throughout test and vented 242 MCF.

TESTED BY R. Hardy

WITNESSED BY_____

Well Test Engineer