EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

9-22-70 DATE

Operator El Paso Natural Gas Company Location 1460 S, 990 W, S 23, T30N, R11W Formation Pictured Cliffs		Hartman No. 3		
		County San Juan	State New Mexico	
		Pool Aztec		
Casing: Diameter 2.875	Set At: Feet 2438	Tubing: Diameter no tubing	Set At: Feet	
Pay Zone: From 2310	T• 2330	Total Depth: 2438	Shut In 9-11-70	
Stimulation Method SWF		Flow Through Casing XX	Flow Through Tubing	

Choke Size, Inches Choke Constant: C		Choke Constant: C				
		tubingless comple		letion	etion	
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA 427	Days Shut-In	Shut-In Pressure, Tubing no tubing	PSIG	+ 12 = PSIA
Flowing Pressure: P	PSIG	+ 12 = PSIA 64		Working Pressure: Pw Calc.	PSIG	+ 12 = PSIA
Temperature:	.9971	n =	85	Fpv (From Tables) 1.009		Gravity .650 Fg = .9608

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

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

Note: well blew light fog of water and distillate throughout the test.

Aof =
$$\left(\begin{array}{c} 182329 \\ 176400 \end{array}\right)^{n}$$
 = $765(1.0336)^{.85}$ = $765(1.0285)$

787 ____ MCF/D OIL CON. COM

TESTED BY _____ R. E. Fielder WITNESSED BY_____