EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE ____ 8-11-73

Operator		Lease	
El Paso Natural Gas Company Location 825/N, 1145/E, Sec. 36, T-29N, R7W Formation		San Juan 29-7 Unit	State
		Rio Arriba	New Mexico
DAKOTA		Basin	
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet
4 1/2"	7777'	1 1/2"	77321
Pay Zone: From	То	Total Depth:	Shut In
75261	7758'	7777'	8-3-73
timulation Method		Flow Through Casing	Flow Through Tubing
Sand Water Frac.		x	

Choke Size, Inches		Choke Constant: C				
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing PS	G + 12 = PSIA	
	2715	2727	8	1834	1846	
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: Pw PS	G + 12 = PSIA	
	267	279		566	578	
Temperature:	207	n =		Fpv (From Tables)	Gravity	
T= 67F	Ft= .9933	75		1.020	.595	Fg 7 .0041

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

OPEN FLOW = Aof = Q
$$\left(\begin{array}{c} 2 \\ P_c \\ P_c \\ P_w \end{array} \right)$$

Aof =
$$\begin{pmatrix} 7436529 \\ \hline 7102445 \end{pmatrix}$$
 = 3510 (1.0470 (1.0351)



TESTED BY ____Carl Rhames _____

WITNESSED BY_____