EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

		DATE	7-23-74	
Operator	,	Lease		
El Paso Natu	San Juan 27-4 Unit #83			
Location		County		State
1600/S, 1650/E, Sec. 26, T-27-N, R-4-W		Rio Arriba		New Mexico
Formation		Pool		
Pictured Cli	Tapacito			
Casing: Diameter	Set At: Feet	Tubing: Diameter		Set At: Feet
2.875	4321'	No Tubing		ma tog dar ope are get
Pay Zone: From	То	Total Depth:	PETD	Shut in
41461	4214	4321'	4310'	7-9-74
Stimulation Method		Flow Through Casing	-	Flow Through Tubing
Sandwater Fr	XX			

Choke Size, Inches		Choke Constant: C				
.750		12.3	365	Tubingless Co	ompleti	on
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA
1000		1.012	14	No Tubing		
Flowing Pressure: P 236	PSIG	+ 12 = PSIA 248		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 33 ¹ +
Temperature:		n =		Fpv (From Tables)		Gravity
-	.9962	.85		1.0270		.680 Fg = .9393

CHOKE VOLUME = Q =
$$C \times P_t \times F_t \times F_g \times F_{PV}$$

Q = 12.365 (248)(.9962)(.9393)(1.0270)

2947 MCF/D

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

Aof = Q
$$\left(\frac{1024144}{912588} \right)^{n}$$
 = 2947(1.1222) = 2947(1.1030)



Note: The well produced a dry ¿as flow.

TESTED BY _____ C. Rhames

WITNESSED BY

Joren W Fotherall
Loren W. Fotherall
Well Test Engineer
July 25. 1974