## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

DATE \_\_\_August 5,1975

Operator		Lease					
El Paso Natural Gas Company		San Juan 28-7 Unit #240					
Location		County	State				
900'S, 800'W, Sec	20, T-27-N, R-7-W	Rio Arriba	New Mexico				
Formation		Pool					
Chacra		Largo					
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet				
2.875	4048'	no tubing					
Pay Zone: From	То	Total Depth:	Shut In				
3816'	3978'	4048' PBTD 4039	7-23-75				
Stimulation Method		Flow Through Casing	Flow Through Tubing				
Sand Water Frac		l xx					

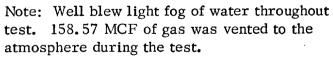
Choke Size, Inches . 750 Choke Constant: C 12. 365			tubingless completion					
Shut-In Pressure, Casing,			Shut-In Pressure, Tubing no tubing	PSIG + 12 = PSIA				
Flowing Pressure: P	PSIG	+ 12 = PSIA 99		Working Pressure: Pw calculated	PSIG	+ 12 = PSIA 130		····
Temperature:	Ft= . 9981	0.75		Fpv (From Tables) 1.009		Gravity . 655	Fg=	. 9571

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CHOKE VOLUME = Q =	С	х	P.	X	F.	×	Fg	Х	- Fpv

$$Q = (12.365)(99)(.9981)(.9571)(1.009)$$

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

Aof = Q 
$$\left(\begin{array}{c} \frac{1134225}{1117325} \end{array}\right)^{\mathbf{n}}$$
 =  $(1180)(1.0151)^{\bullet 75}$  =  $(1180)(1.0113)$ 



Aof = 1193 MCF/D

TESTED BY \_\_\_\_\_Johnson

WITNESSED BY\_\_\_\_\_