## EL PASO NATURAL GAS COMPANY

## **OPEN FLOW TEST DATA**

DATE \_\_\_9-20-74

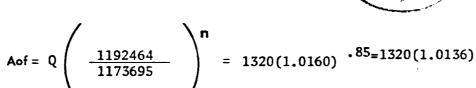
Operator El Paso Natural Gas Company  Location 1170/S, 880/W, Sec. 31, T28N, R5W  Formation Pictured Cliffs		San Juan 28-5 Unit #95		
		County Rio Arriba	State New Mexico	
		Pool Tapacito		
Casing: Diameter 2.875	Set At: Feet 3283	Tubing: Diameter No Tubing	Set At: Feet	
Pay Zone: From	То	Total Depth: PBTD	Shut In	
3162'	3214'	3283' 3272'	9-10-74	
Stimulation Method		Flow Through Casing	Flow Through Tubing	
Sandwater Frac		xx		

Choke Size, Inches 0.750		Choke Constant: C 12.365		Tubingless Completion			
Shut-In Pressure, Casing, 1080	PSIG	+ 12 = PSIA 1092	Days Shut-In 10	Shut-In Pressure, Tubing No Tubing	PSIG	+ 12 = PSIA	
Flowing Pressure: P 96	PSIG	+ 12 = PSIA 108		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 137	
Temperature: T= 58 oF	- <sub>+=</sub> 1.0019	n = . 85		Fpv (From Tables) 1.007		Gravity .625	Fg = 0.9798

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

Q = 12.365(108)(1.0019)(0.9798)(1.007)

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



Aof = 1338 MCF/D

Note: The well produced a light

1320

MCF/D

spray of water.

TESTED E	3Y	F.	Johnson		

WITNESSED BY\_\_\_

Loren W. Fothergill Well Test Engineer