EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE	August	11.	1965.
UA 1 L _			

El Paso Natural Gas Company Location 1000'S, 1000'W, Section 31, T-27-N, R-5-W		San Juan 27-5 Unit No. 97.			
		County Rio Arriba	State New Mexico		
Formation Dak	ota	Pool Basin			
Casing: Diameter 4.500	Set At: Feet 7628	Tubing: Diameter 2.375	Set At: Foot 7533		
Pay Zone: From 7316	т• 7537	Total Depth: 7628	Shut in 8-1-65		
Stimulation Method Sand Water Frac.		Flow Through Casing	Flow Through Tubing X		

Choke Size, Inches		Choke Constant: C 12.365					
Shut-In Pressure, Casing	, 2491	+ 12 = PSIA 2503	Days Shut-in 10	Shut-in Pressure, Tubing	PSIG	+ 12 = P\$IA	1117
Flowing Pressure: P	PSIG 205	+ 12 = PSIA	217	Working Pressure: Pw 775	PSIG	+ 12 = PSIA	787
Temperature: T= 78 •F	F1=•9831	n =	•75	Fpv (From Tables)		Gravity •670	Fg = •9463

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

Aof =
$$\left(\frac{6,265,009}{5,645,640}\right)^n$$
 = (1.1097) •75 (2,546) = (1.0812) (2,546) =

TESTED BY _____ <u>Dan Roberts.</u>
CHECKED BY
WORNEESENKEY W. D. Dawson.

NOTE: Well blew down 3 minutes after opening. 5 minutes later started unloading a solid stream of water and a small amount of distillate. This lasted for 15 minutes, then throughout remainder of test well blew and heavy appeared after.

Jeuns D. Galloway Com.

Lewis D. Galloway