

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **June 10, 1960**

Operator	El Paso Natural Gas Company		Lease	San Juan 31-6 Unit No. 19-32	
Location	990N, 990E; 32-31N-6W		County	Rio Arriba	State New Mexico
Formation	Mesaverde		Pool	Blanco	
Casing Diameter	7-5/8	Set At: Feet 3523	Tubing Diameter	2"	Set At: Feet 5699
Pay Zone: From	5438	To 5688	Total Depth	5803 c/o 5754	
Stimulation Method	Sand Water Frac.		Flow Through Casing	Flow Through Tubing X	

Choke Size, Inches		Choke Constant: C		5-1/2" liner from 3466-5800			
Shut-in Pressure, Casing,	PSIG	12	PSIA	Shut-in Pressure, Tubing	PSIG	12	PSIA
1108		1120		1110		1122	
Flowing Pressure, P	PSIG	12	PSIA	Working Pressure, Pw	PSIG	12	PSIA
(Tbg) 178		190		(Csg) 458		470	
Temperature:				Eqv. From Tables		Gravity	
T 70 F		Eqv. .9905		1.014		Eqv. .614	Fg .9918

CHOKE VOLUME $Q \quad C \times P_1 \times F_1 \times F_g \times F_{pv}$

c $12.365 \times 190 \times .9905 \times .9918 \times 1.014$

2340

MCF-D

$$\text{OPEN FLOW} \quad \text{Aof} \quad Q \begin{pmatrix} & & & & \\ & & & & \sigma_c^2 \\ & & & & & \\ & & & & & & \\ & & & & & & P_c^2 \\ & & & & & & & P_w^2 \end{pmatrix} n$$

Ref $\left(\begin{array}{c} 1258884 \\ 1037984 \end{array} \right)^n$ $1.2128^{.75} \times 2343 = 1.1559 \times 2343$

Adt 2705 MCF D

TESTED BY **W. D. Dawson**

W. F. MEYER, JR.

L. D. Galloway
L. D. Galloway Jey R.R.K.

