

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **August 15, 1961**

Operator	El Paso Natural Gas Company	Lease	Hendon No. 16
Location	1843'S, 1056'W, Sec. 28-JLN-11W	County	San Juan
Formation	Dakota	State	New Mexico
Casing: Diameter	4-1/2" O.D.	Pool	Basin
Set At: Feet	7209	Tubing: Diameter	2-3/8" O.D.
Pay Zone: From	6890	Set At: Feet	7118
To	7134	Total Depth:	7210 C/O 7260
Stimulant Method	Sand/Water Frac.	Shut In	7-27-61
		Flow Through Casing	Flow Through Tubing
			X

Choke Size, Inches		Choke Constant: C	
0.750	12.365		
Shut-In Pressure - casing,	PSIG - 12 PSIA	Days Shut-In	Shut-In Pressure, Tubing
1982	1994	19	2020
Flowing Pressure: P _f	PSIG - 12 PSIA		Working Pressure: P _w
312	324		1122
Temperature:	n	F _{pv} (From Tables)	Gravity
T 74 °F	Ft . .9868 . .750	1.033	.670 Fg = .9463

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

Q (12.365)(324)(.9868)(.9463)(1.033)

3865

MCF: 'D

$$\text{OPEN FLOW } A_{of} \cdot Q \left(\begin{matrix} & & P_c^2 \\ & P_c^2 & \\ P_c^2 & & P_w^2 \end{matrix} \right)^n$$

$$\text{Ans of } \begin{pmatrix} 4,129,024 \\ 2,843,068 \end{pmatrix}^n \quad (1.4523)^{78}(3865) = (1.3230)(3865)$$

Aof

5113

MCF 1D

TESTED BY **Jesse B. Goodwin**

WITNESSED BY

Checked by: W. D. Dawson



H. L. Kendrick