

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 5, 1960

Operator	El Paso Natural Gas Company	Lease	Jicarilla No. 16-E
Location	1800N, 1795E; 17-25N-4W	County	Rio Arriba
Formation	Pictured Cliffs	State	New Mexico
Casing: Diameter	2-1/2"	Pool	So. Blanco P.C.
Set At: Feet	3940	Tubing: Diameter	No Tubing
Pay Zone: From	3854	Total Depth	3940 c/o 3933
Stimulation Method	Sand Water Frac.	Shut In	6/28/60
		Flow Through Casing	Flow Through Tubing
		X	

Choke Size, Inches	Choke Constant, C		Shut-In Pressure, Casing		Shut-In Pressure, Tubing	
.75	12.365		PSIG	PSIA	PSIG	PSIA
			980	Days Shut-In	-	-
				7		
Flowing Pressure, P	PSIG		PSIA		Working Pressure, P _w	
128	140				Calc.	
Temperature:	E _{pv} (From Table)		Gravity			
T 56 °F	F _g 1.0039		.85		1.013	
					.660	
					.9535	

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

Q $12.365 \times 140 \times 1.0039 \times .9535 \times 1.013$

1679

MCF-D

$$\text{OPEN FLOW } \Delta p_f = Q \left(\begin{matrix} & & 2 \\ & & P_c \\ & 2 & & 2 \\ P_c & & P_w \end{matrix} \right)^n$$

Asf $\begin{pmatrix} 960400 \\ 926175 \end{pmatrix} n$

$$1679 \times 1.0369^{.85} = 1679 \times 1.0313$$

Aof 1732 MCF D

THESE

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