

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

CORRECTED COPY

DATE March 7, 1963

Operator El Paso Natural Gas Company		Lease Rincon No. 185 (OWWD)	
Location 990'N, 990'E, Sec. 22-27-7		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7593	Tubing: Diameter 2.375	Set At: Feet 7167
Pay Zone: From 7342	To 7496	Total Depth: 7594	Shut In 2-22-63
Stimulation Method Sand Water Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches				Choke Constant: C				CORRECTED COPY			
.75				12.365							
Shut-In Pressure, Casing,	PSIG	12	PSIA	Day	Time	Shut-In Pressure, Tubing	PSIG	12	PSIA		
1682			1694	13		1734			1746		
Flowing Pressure: P	PSIG	12	PSIA			Working Pressure: Pw	PSIG	12	PSIA		
134			146			546			558		
Temperature:						Fpv (From Tables)			Gravity		
64	F		.9962	.75		1.019			.750	Fg	.8944

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

$Q = (12.365)(146)(.9962)(.8944)(1.019)$

1639

MCF D

OPEN FLOW Aof $Q \left(\frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} \right)^n$

Aof $\left(\frac{3,048,516}{2,737,152} \right)^n$

$(1.1137)^{.75} (1639) = (1.0840)(1639)$

NOTE: Heavy spray of water throughout test.

Aof **1777**

MCF D

TESTED BY **Herman E. McAnally**

WITNESSED BY

Checked by Tom B. Grant



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