

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **July 17, 1959**

Operator Frank A. Schultz		Lease Gardner No. 3	
Location 8308, 1850E; 27-25-3		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing: Diameter 5-1/2	Set At: Feet 3785	Tubing: Diameter 1-1/4	Set At: Feet 3721
Pay Zone, Feet 3719	To 3737	Total Depth 3788	Shut In: 6/23/59
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches	Choke Constant, C	Shut-In Pressure, Casing	Shut-In Pressure, Tubing
.75	12.365	1017	987
PSIG	PSIA	PSIG	PSIA
1017	1029	987	999
Flowing Pressure, P _w	Flowing Pressure, P _w	Flowing Pressure, P _w	Flowing Pressure, P _w
59	71	67	79
PSIG	PSIA	PSIG	PSIA
Temperature, T	Temperature, T	Flow (From Tubing)	Gravity
71	.85	1.007	.636

CHOKE VOLUME, Q = C x P_s x P_w x F_g x F_v

C 12.365 x 71 x .9896 x .9721 x 1.007 850 MCF/D

OPEN FLOW, A_o = $\left(\frac{1058841}{1052600} \right)^n$

A_o = $\left(\frac{1058841}{1052600} \right)^n$ 1.0059^{.85} x 850 = 1.0050 x 850

A_o 854 MCF/D

S. V. Roberts

Virgil Stoabs (B.M.G.)



Lewis D. Galloway
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