

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE January 25, 1957

Operator El Paso Natural Gas Company		Lease Rincon Unit # 72	
Location 990'S, 850'E, Sec. 33-27-7		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool South Blanco	
Casing Diameter 5½	Set At. Feet 2970	Tubing Diameter 1¾	Set At. Feet 2929
Pay Zone From 2902	To 2922	Total Depth: 2965 - c/o - 2935	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, inches .750	Choke Constant, C 14.1605		
Shut-In Pressure, Casing 810 PSIG	PSIA 822	Days Shut-in 7	Shut-In Pressure, Tubing 810 PSIG
			PSIA 822
Flowing Pressure, Casing 204 PSIG	PSIA 216		Working Pressure, Pw 209 PSIG
			PSIA 221
Temperature, F 57	Factor .85	Fpv (From Tables) 1.021	Gravity .640

CHOKE VOLUME = C x P₁ x F₁ x F_g x F_v

C **14.1605** x **216** x **1.0029** x **.9682** x **1.021** = **3032** MCF/D

OPEN FLOW

$$\left(\frac{P_1^2 - P_2^2}{P_1 - P_2} \right)^n$$

Oil Conservation

675,684
626,813

3232 MCF/D

K. C. McBride

(1.078)^{.85} x 3032 = 1,0658 x 3032



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