

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADUAL COMPLETIONDATE April 17, 1957

Operator El Paso Natural Gas Company		Lease Storey # 9-C	
Location 1700'S, 990'W, Sec. 34-28-9		County San Juan	State New Mexico
Formation Mesa Verde		Rock Blanco	
Casing: Diameter 7 5/8	Set At Feet 5022	Tubing: Diameter 2	Set At Feet 5298
Pay Zone: From 5230	To 5310	Total Depth 5400 - c/o - 5320. Packer at 5101	
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches .750	Choke Constant, C 12.365	5 1/2" liner 5016 to 5396	
Shut-In Pressure, Casing, PSIG 719 (P.C.)	PSIA 15	Shut-In Pressure, Tubing, PSIG 1018	PSIA 1030
Flowing Pressure, P, PSIG 303	PSIA 315	Working Pressure, P _w , PSIG Calculated	PSIA 621
Temperature 66	F .75	Sp. Gr. From Tables 1.037	Gravity .710

Ending SIPC - 719 psig

CHOKE VOLUME $Q = C \times P_1 \times P_2 \times F_g \times F_{pv}$

$$C = 12.365 \times 315 \times .9943 \times .9193 \times 1.037$$

3692

MCF/D

$$\text{OPEN FLOW Act } Q = \left(\frac{P_1^2 - P_2^2}{P_c^2 - P_w^2} \right)^n$$

$$\text{Act } Q = \left(\frac{1,440,000 - 675,259}{1,440,000 - 675,259} \right)^n$$

$$(1.5711)^{.75} \times 3692 = 1.403 \times 3692$$

Act 5180

MCF/D

TESTED BY **K. C. McBride**WITNESSED BY
cc: **E. J. Coal, Jr. (6)**

Lewis D. Galloway
L. D. Galloway

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