

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE September 21, 1959

Operator El Paso Natural Gas Company		Lease San Juan 29-5 No. 32-29 (MV)	
Location 9908, 1500W; 29-29-5		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 7	Set At: Feet 7625	Tubing: Diameter 1-1/4	Set At: Feet 5685
Pay Zone: From 5622	To 5724	Total Depth 8030 c/o 7933	Shut In: 9/5/59
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75	Choke Constant: C 14.1605	5" liner 7566 - 8029
Shut-In Pressure, Casing, PSIG 1045 (MV)	PSIG - 12 - PSIA 1057	Days Shut-in 16
Flowing Pressure: P, PSIG 355	PSIG - 12 - PSIA 367	Shut-In Pressure, Tubing, PSIG 1039 (MV)
Temperature: T, F 68	Gravity .680	Working Pressure: Pw, PSIG 394
		Fpv (From Tables) 1.040

Initial SIPT (D) = 2611 psig

Packer at 7473

Final SIPT (D) = 2629 psig

CHOKE VOLUME $Q = C \times P_r \times F_p \times F_g \times F_{pv}$

$$Q = 14.1605 \times 367 \times .9924 \times .9393 \times 1.040$$

5038

MCF D

$$\text{OPEN FLOW } Aof = Q \left(\frac{P_r^2}{P_w^2} \right)^n$$

$$Aof = \left(\frac{1117249}{952413} \right)^n \quad 1.1730^{.75} \times 5038 = 1.1270 \times 5038$$

$$Aof = 5678 \text{ MCF D}$$

TESTED BY W. D. Dawson

WITNESSED BY



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OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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