

OPEN FLOW TEST DATA

DUAL COMPLETION

DATE April 17, 1959

Operator El Paso Natural Gas		Lease San Juan 27-5 No. 46 (P)	
Location 10908, 890W; 7-27-5		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing Diameter 7-5/8	Set At: Feet 3504	Tubing Diameter 1-1/4	Set At: Feet 3355
Pay Zone 3330	Is 3398	Total Depth 5719 c/o 5660	Shut in 3/31/59
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 12.365	Choke Constant, C .75	5-1/2 liner 3443 - 5717
Shut-In Pressure, PSIG 1075	12 - PSIA 1087	Days Since 7
Flowing Pressure, P 167	PSIG 179	Shut-In Pressure, Tubing 1075
Temperature, T 58	PSIA 179	Flowing Pressure, Pw 184
		PSIG 196
		Flow Through Casing 1.019
		Gravity .670

Initial SIPT (MV) = 1037 psig

Final SIPT (MV) = 1040 psig

Packer at 3564

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_2 \times F_3$ $12.365 \times 179 \times 1.0019 \times .9463 \times 1.019$ 2138 MCF/D

$$\text{OPEN FLOW } Q = \left(\frac{P_s - P_w}{P_1 - P_w} \right)^n$$

$$Q = \left(\frac{1181569}{1143153} \right)^n$$

$$1.0336^{.88} \times 2138 = 1.0285 \times 2138$$

2199 MCF/D

M. W. Rischard

WITNESSED BY

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