

OPEN FLOW TEST DATA

DUAL COMPLETION

DATE July 16, 1958

Operator El Paso Natural Gas		Lease San Juan 28-6 Unit 86 (P)	
Location 1500N, 1750E; 24-27-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Undesignated	
Casing Diameter 7-5/8	Set At Feet 3228	Tubing Diameter 1-1/4	Set At Feet 3115
Pay Zone Thickness 3084	To 3122	Test Depth 5447	Shut-in 6/26/58
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, inches .75	Choke Constant, C 12.365	5-1/2 liner 3177 - 5445
Shut-in Pressure, Casing (PC) 1096	PSIG 12 - PSIA 1108	Days Shut-in 13
Flowing Pressure, P 191	PSIG 12 - PSIA 203	Shut-in Pressure, Tubing (PC) 1091
Temperature, T 72	F 85	Working Pressure, Pw 197
		Flow From Tables 1.020
		Gravity .670

Initial SIPT (MV) 1078 psig
Final SIPT (MV) 1082 psig

Packer at 3247

CHOKE VOLUME $Q_c = C \times P_c \times F_c \times F_g \times F_p$

$$Q_c = 12.365 \times 203 \times .9887 \times 8.9463 \times 1.020$$

2395 MCF/D

$$\text{OPEN FLOW } A_{of} = Q_c \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$A_{of} = \left(\frac{1227664}{1183983} \right)^n$$

$$(1.0368)^{.85} \times 2395 = 1.0312 \times 2395 =$$

Acf 2470 MCF/D

TESTED BY Jesse B. Goodwin

WITNESSED BY _____

Checked By H. L. Kendrick



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