

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE July 9, 1958

Operator El Paso Natural Gas Company		Lease San Juan 28-6 No. 86 (M)	
Location 1500N, 1750E; 24-27-6		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco MV	
Casing Diameter 7-5/8	Set At: Feet 3228	Tubing Diameter 2"	Set At: Feet 5373
Perforation Depth 4226	To 5364	Total Depth 5447	Shut-in 6/26/58 X
Stimulation Method Sand Water Frac.		Flow Through Casing	Flow Through Tubing

Choke Size, Inches .75	Choke Constant: C 12.365	5-1/2 liner 3177 - 5445	
Shut-in Pressure, Casing, PSIG (PC) 1075	- 12 - PSIA	Days Shut-In 13	Shut-in Pressure, Tubing, PSIG (MV) 1070
Flowing Pressure, P, PSIG 299	- 12 - PSIA		1082
Temperature, T 74	F		611
	.75		1.033
			700

Final SIPC (PC) 1081

Packer at 3247

CHOKE VOLUME = $Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$

$Q = (12.365)(311)(9868)(9258)(1.033)$

3629

MCF/D

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

$$A_{of} = \left(\frac{1170724}{797403} \right)^n \frac{1.4681}{1.3335}$$

$A_{of} = 4839$ MCF/D



TESTED BY Frank Clark

WITNESSED BY _____

Checked By Tom Grant

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