

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE September 23, 1958

Operator El Paso Natural Gas		Well Name Florance 13-D (M)	
Location 16508, 1700W; 20-27-8		County San Juan	State New Mexico
Formation Mesa Verde		Blanco MV	
Casing Diameter 7-5/8	Set At: Feet 2986	Casing Diameter 2"	Set At: Feet 5177
Flow Line 5120	To 5240	Total Depth 5398 c/o 5293	Shut in 8/28/58
Sand Water Frac.		X	

Choke Size, inch .75	Choke Constant 12.365	5-1/2 liner 2952 - 5293
Surface Pressure, PSIG 816 (PC)	PSIG 828	PSIG 983 (MV)
Flowing Pressure, PSIG 298	PSIG 310	PSIG 609
Pressure, PSIG 63	PSIG .75	PSIG 1.036

Final SIPC (PC) = 819 PSIG

Packer at 5165
1-1/4" at 2886

CHOKED FLOW: $Q \propto P_1 \times P_2 \times P_3 \times P_4$

$$12.365 \times 310 \times .9971 \times .9225 \times 1.036$$

3653

WCF D

$$\left(\frac{P_1}{P_2} \right)^n$$

$$\left(\frac{990,025}{619,144} \right)^n$$

$$(1.5990)^{.75} (3653) = (1.422)(3653)$$

5,195

WCF D

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