

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE September 26, 1958

Operator El Paso Natural Gas Company		Lease San Juan 28-7 Unit No. 73 (M)	
Location 990N, 1090E; 28-28-7		County Rio Arriba	State New Mexico
Field Mesa Verde		Well Blanco	
Gas in Production 7-5/8	Set At Feet 2864	Tubing Size 2"	Set At Feet 4937
Production Rate 4338	Test 4980	Test Depth 5062 c/o 4990	shut in 9/7/58
Completion Sand Water Frac.		Flow Test X	Flow Test X

Pressure (PSIG)	Choke Constant	5-1/2 liner 2791 - 5059
.75	12.365	
Pressure (PSIG)	Day	Pressure (PSIG)
710 (PC)	722	19
Pressure (PSIG)	Pressure (PSIG)	Pressure (PSIG)
299	311	858 (MV)
Pressure (PSIG)	Pressure (PSIG)	Pressure (PSIG)
74	.75	Calc.
		595
		Gravity
		1.030
		.67

Initial SIPT (PC) = 710 PSIG

Packer at 2760

Final SIPC (PC) = 713 PSIG

1-1/4" at 2764

CHECK VOLUME Q = C x P₁ x E₁ x F_g x F_v

$$Q = 12.365 \times 311 \times .9868 \times 1.9463 \times 1.030$$

3699

MCF/D

$$Q = \left(\frac{P_1^2 - P_2^2}{P_1 - P_2} \right)^n$$

756900
402875

$$3699 (1.8787)^{.75} = (3699) (1.6040)$$

5933

MCF/D

M. W. Rischard

L. D. Galloway
L. D. Galloway by A.L.K.