

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE February 8, 1957

Operator El Paso Natural Gas Company		Lease Rosa Unit # 24	
Location SW 32-31-5		County Rio Arriba	
Field Mesa Verde		State New Mexico	
Casing 7 5/8	Set At Feet 3733	Casing 2"	Set At Feet 5866
Flow Through Casing 5510	Flow Through Tubing 5874	Flow Through Casing 5952	Flow Through Tubing X
Stimulation Sand Water Frac			

Stroke Length 0.750	Stroke Count 14.1605	System Pressure - Lying 1152	PSIG - 12 - PSIA 1164
Stroke Rate 1195	Days Shut-in 31	Working Pressure - Flow 431	PSIG - 12 - PSIA 443
Flow - Pressure - P 164	Flow - Pressure - P 176	Flow - Pressure - P 1.017	Gravity .680
Flow - Pressure - P 71	Flow - Pressure - P 0.750		

GROSS VOLUME = $Q \times P_1 \times P_2 \times P_3 \times P_4 \times P_5$

14.1605 x 176 x .9896 x .9393 x 1.017

2356

MCF/D

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

1,456,849
1,260,600

$$1.16 \cdot 75 \times 2356 = 1.1177 \times 2356$$

2633

MCF/D

Tom Grant

Virgil Stoabs, Benson-Montin-Greer, and C. L. Wagner, Pacific Northwest

cc: Pacific Northwest (1)
Benson-Montin-Greer (4)

L. D. Galloway



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