

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE June 18, 1958

El Paso Natural Gas 865N, 2250E; 21-27-8 Mesa Verde Casing: Diameter 7-5/8 Set At: Feet 4496 Perforations 4744 4836 Stimulated Material Sand Water Frac		Lease Schwerdtfeger No. 15-A County San Juan State New Mexico Pool Blanco Tubing: Diameter 2" Set At: Feet 4821 Total Depth 4896 Flow Through Casing Shut-in 5/15/58 Flow Through Tubing X	
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Choke Size, Inches .75 Shut-In Pressure, PSIG 1079 Flowing Pressure, PSIG 313 Temperature, °F 71	Choke Constant 12.365 PSIG 12 PSIA 1091 PSIG 12 PSIA 325 Flowing Pressure, PSIG 75	5-1/2" liner 4434 - 4892 Shut-In Pressure, Tubing PSIG 12 PSIA 1065 Working Pressure, Pw PSIG 12 PSIA 733 Spv From Tables 1.040 Gravity .730
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CHOKED VOLUMES $Q = C \times P_1 \times F_1 \times F_2 \times F_3$

$$Q = 12.365 \times 325 \times .9896 \times 0.9066 \times 1.040$$

3750 MCF/D

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

$$Q = \left(\frac{1190281}{652992} \right)^n$$

$$(1.8228)^{.75} \times 3750 = 1.5690 \times 3750 =$$

Ans 5884 MCF/D

REMARKS: Blew heavy mist for entire test

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