

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE November 19, 1958

El Paso Natural Gas 950N, 1115E; 13-26-5 Pictured Cliffs		Jicarilla 13-G Rio Arriba New Mexico	
Casing Diameter 5-1/2 Depth 3253 Production Method Sand Water Frac.	Initial Feet 3576 3504	Tubing Diameter 1-1/4 3575 Flow Through Tubing X	Ser. At Feet 3512 Shut in 11/10/58

Inlet Pressure (PSIG) 1010 Working Pressure (PSIG) 89 Temperature (°F) 59	Inlet Pressure (PSIA) 1022 Working Pressure (PSIA) 101 Gravity .85	Dry Flow Shut-in Pressure (PSIG) 1010 Working Pressure (PSIG) 93 Spv. (From Tables) 1.011	Shut-in Pressure (PSIA) 1022 Working Pressure (PSIA) 105 Gravity .675
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CHARGE VOLUME $Q = C \times P_1 \times E \times F_g \times F_v$

$$Q = 12.365 \times 101 \times 1.0010 \times .9427 \times 1.011$$

1191

MCF/D

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

$$Q = \left(\frac{1044484 - 1033459}{1044484 \times 1033459} \right)^n$$

$$1.0106^{.85} \times 1191 = 1.0090 \times 1191$$

1202

MCF/D

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Checked By

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OIL CONSERVATION COMMISSION

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