

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **October 5, 1956**

Company El Paso Natural Gas Company		Lease Neudecker # 2	
Location 1650'N, 1650'E, Sec. ³⁵25-29-10		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Aztec Pictured Cliff	
Casing Diameter 5 1/2	Set At Feet 2000	Tubing Diameter 2	Set At Feet 1953
Pay Zone Feet 1900	1942	Total Depth 2000 - c/o 1980'	
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing X

Choke Size (inches) 0.75		Flow Constant: C 14.1605	
Shut-In Pressure: Casing 662	PSIG 12 PSIA 674	Days Shut-In 9	Shut-In Pressure: Tubing 662
Flowing Pressure: P 186	PSIG 12 PSIA 198		Working Pressure: Pw 352
Temperature 72	F .85		Flow (From Tables) 1.016
			Gravit. .635

CHOKED FLOW: $C \times F_1 \times F_2 \times F_3 \times F_4 \times F_5$

$$C \quad 14.1605 \times 198 \times .9887 \times 9721 \times 1.016$$

$$2738 \quad \text{MCF/D}$$

$$\left(\frac{454,276}{321,780} \right)^n$$

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$$(1.4117)^{.85} \times 2738 = 1.3405 \times 2738$$

$$3670 \quad \text{MCF/D}$$

R. A. Ullrich



L. D. Galloway
L. D. Galloway

DATE: 10/10/54

to. 1000 2

to. 1000 2

SECRET

Transporter

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