

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE November 29, 1956

Operator El Paso Natural Gas Company		Lease Huerfano Unit #62	
Location 990'S & E, Sec. 4-26-10		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool West Kutz	
Casing Diameter 5½	Set At: Feet 2408	Tubing Diameter 1¾	Set At: Feet 2282
Pay Zone: From 2278	To 2302	Total Depth c/o 2320	
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.75		Choke Constant, C 14.1605	
Shut-In Pressure, Casing 388	PSIG 12 PSIA	Days Shut-In 12	Shut-In Pressure, Tubing 388
Flowing Pressure, P 154	PSIG 12 PSIA		Working Pressure, Pw 186
Temperature, T 57	F		Gravities .593
			1.012

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_{gv}$

$$Q = 14.1605 \times 166 \times 1.0029 \times 1.008 \times 1.012$$

2405

MCF/D

OPEN FLOW Act Q

$$\left(\frac{P_1^2 - P_w^2}{P_1^2 - P_w^2} \right)^n$$

$$\left(\frac{160,000}{120,796} \right)^n$$

$$(1.3245)^{.85} \times 2405 = 1.2699 \times 2405$$

Act 3054 MCF/D

Well blew considerable water during entire 3 hour test period.

TESTED BY R. A. Ullrich

WITNESSED BY

L. D. Galloway
L. D. Galloway



AZTEC DISTRICT OFFICE

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