

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE: March 13, 1957

Operator El Paso Natural Gas Company		Lease Bruington Pool Unit # 3	
Location 1625'S, 800'E, Sec. 6-30-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing Diameter 5½	Set At: Feet 4808	Tubing: Diameter 2	Set At: Feet 4640
Flow Line From 4538	To 4692	Total Depth: 4808 c/o - 4710. Packer @ 4491	
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches 0.75	Shore Constant: C 14.1605		
Shut-In Pressure, Casing Pictured Cliffs	PSIG 12 - PSIA 261	Days Shut-In 18	Shut-In Pressure, Tubing 1031
Flowing Pressure, F 249	PSIG 12 - PSIA 261		PSIG 12 - PSIA 1043
Temperature, T 53	F 75	Working Pressure: Fw Calculated	PSIG 12 - PSIA 550
		Fpv (From Tables) 1.031	Gravity .690

SIPC and SIPT - Pictured Cliffs - 665 psig

CHOKE VOLUME $Q = C \times R \times F_1 \times F_g \times F_{pv}$

$Q = 14.1605 \times 261 \times 1.0068 \times .9325 \times 1.031$ **3577** MCF/D

$$OPEN FLOW Q = \left(\frac{1.087,849}{785,349} \right)^n$$

$$(1.3851)^{.75} \times 3577 = 1.2765 \times 3577$$

Asst **4566** MCF/D

R. A. Ullrich

cc: E. J. Coel, Jr. (6)

By: L. D. Galloway

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