

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **October 11, 1956**

Operator El Paso Natural Gas Company		Lease Bolack # 3-C	
Location 1000'N, 885'W, Sec. 29-27-8		County San Juan	State New Mexico
Field Pictured Cliffs		Pool South Blanco	
Casing: Inside 2	Set At: Feet 2771	Tubing: Diameter 5½	Set At: Feet 2854
Prod. Temp. (°F) 2770	Test: (°F) 2790	Total Depth: c/o - 2810'	
Shut-in Pressure (PSIA) Sand Water Frac		Flow Through Casing	Flow Through Tubing X

Choke Size, inches 0.75		Choke Constant: C 14.1605	
Shut-in Pressure, Casing 793	PSIG	PSIA 805	Days Shut-In 8
Flowing Pressure, P 38	PSIG	PSIA 50	
Temperature, °F 60			
		Shut-in Pressure, Tubing 793	PSIG
		PSIA 805	
		Working Pressure: Pw 120	PSIG
		PSIA 132	
		Fpv (From Tables) 1004	Gravity .708

CHOKED VOLUME $Q = C \times R \times E \times F_g \times F_{pv}$

$$= 14.1605 \times 50 \times 1.0 \times .9225 \times 1.004$$

656

MCF/D

CHOKED FLOW (Actual) $\left(\frac{P_1}{P_2} \right)^n$

$$\left(\frac{648,025}{630,601} \right)^{.85} \times 656 = 1.0234 \times 656$$

Actual **671** MCF/D

R. A. Ullrich

Well blew considerable water during entire 3 hour test period.

L. D. Galloway
L. D. Galloway



OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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