

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **April 24, 1959**

Operator Central Production Co.		Lease C. P. #3	
Location H - 36-24-6		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool Otero	
Casing Diameter 5-1/2"	Set At: Feet 2375	Tubing Diameter 2"	Set At: Feet 2148
Pay Zone, From 2130	To 2150	Total Depth: 2375	Shut In: 4/13/59 Flow Through Tubing
Stimulation Method SandWater Frac		Flow Through Tubing X	

Choke Size, Inches .75	Choke Constant: C 12.365			
Shut-In Pressure: Casing, PSIG 690	12 - PSIA	Days Shut-In 11	Shut-In Pressure: Tubing, PSIG 690	12 - PSIA 702
Flowing Pressure: Casing, PSIG 34	12 - PSIA 46		Working Pressure: Casing, PSIG 59	12 - PSIA 71
Temperature: Casing, °F 65°	n .85		Flow From Tables 1.004	Gravity .650

CHOKE VOLUME $Q = C \times P_c \times F_c \times F_g \times F_{pv}$

$$12.365 \times 46 \times .9952 \times .9608 \times 1.004$$

546

MCF/D

OPEN FLOW $Q = \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$

$$Q = \left(\frac{492804}{487763} \right)^n$$

$$1.0103^{.85} \times 546 = 1.0088 \times 546$$

Acft **551** MCF/D

TESTED BY **N. A. Neely**

WITNESSED BY **F. M. Clark**

Lewis D. Galloway
L. D. Galloway



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