

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE **June 19, 1961**

Operator El Paso Natural Gas Products Company		Lease Western Pool Unit No. 2-B	
Location 890'S, 1750'W Sec. 8-26N-11W		County San Juan	State New Mexico
Formation Dakota		Pool Basin	
Casing Diameter 5-1/2	Set At Feet 6277	Tubing Diameter 2-3/8	Set At Feet 6110
Pay Zone 6080	To 6120	Total Depth 6278 c/o 6231	Shut In 5-21-61
Stimulation Method Sand/Oil Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, inches 0.750		Choke Constant: C 12.365		Blew heavy spray of condensate throughout test.	
Shut-In Pressure, Casing, PSIG 1927	+ 12 PSIA	Days Shut-In 29	Shut-In Pressure, Tubing, PSIG 1934	+ 12 PSIA	1946
Flowing Pressure: P, PSIG 483	+ 12 PSIA	495	Working Pressure: Pw, PSIG 1037	+ 12 PSIA	1049
Temperature 92	F	0.9706	Fpv (From Tables) 1.046	Gravity 0.681	Fg = .9393

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

$$Q = (12.365)(495)(.9706)(.9393)(1.046)$$

5837

MCF/D

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

$$Aof \left(\frac{3786916}{2686515} \right)^n (1.4096)^{.75} (5837) = (1.2938)(5837)$$

Aof **7552**

MCF/D

TESTED BY **R. F. Headrick**

WITNESSED BY

Checked by: **W. D. Dawson**



Lewis D. Galloway
L. D. Galloway