

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE **May 22, 1961**

Operator El Paso Natural Gas Products Co.		Lease Western Pool Unit No. 1-C	
Location 990'N, 990'E, Sec. 20-26N-11W		County San Juan	State New Mexico
Formation Dakota		Basin	
Casing Diameter 5-1/2" O.D.	Set At: Feet 6235	Tubing Diameter 2-3/8" O.D.	Set At: Feet 6041
Pay Zone: From 6006	To 6042	Total Depth: 6200 c/o 6072	Shut In 5-15-61
Stimulation Method Sand/Oil Frac.		Flow Through Casing X	

Choke Size, Inches 0.750"		Choke Constant: C 12.365		Blew Heavy Spray of Condensate during entire Test.	
Shut-In Pressure, Casing, PSIG 1907	+ 12 - PSIA 1919	Days Shut-In 7	Shut-In Pressure, Tubing, PSIG 1816	+ 12 - PSIA 1828	
Flowing Pressure: P, PSIG 636	+ 12 - PSIA 648		Working Pressure: Pw, PSIG 1438	+ 12 - PSIA 1450	
Temperature, °F 82	F _t .9795	C 0.75	Fpv (From Tables) 1.065	Gravity 0.681	F _g .9393

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

$$Q = (12.365)(648)(.9795)(.9393)(1.065)$$

7851

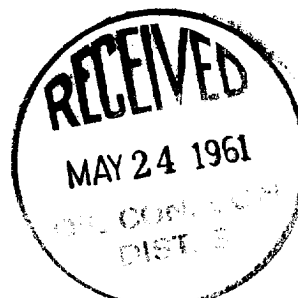
MCF/D

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

$$\text{Aof} \left(\frac{3,682,561}{1,580,061} \right)^n = (2.3306)^{.75}(7851) = (1.8892)(7851)$$

Aof **14,832** MCF/DTESTED BY **R. L. Nickell, Jr.**

WITNESSED BY



Lewis D. Galloway
L. D. Galloway