

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE 10-31-79

Operator El Paso Natural Gas Company		Lease P.L. Davis 4 (OWWO)	
Location NE 35-26-11		County San Juan	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 6305	Tubing: Diameter 2 3/8"	Set At: Feet 6144
Pay Zone: From 6071	To 6174	Total Depth: 6305	Shut In 10-24-79
Stimulation Method SWF		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, Packer	PSIG	+ 12 = PSIA	Days Shut-In 7	Shut-In Pressure, Tubing 695	PSIG
					+ 12 = PSIA 707
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub>	PSIG
					+ 12 = PSIA
Temperature: T = °F	F <sub>t</sub> =	n =		F <sub>pv</sub> (From Tables)	Gravity F <sub>g</sub> =

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

Q =

= \_\_\_\_\_ MCF/D

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

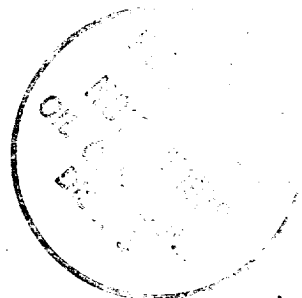
After Frac Gauge 344 MCF/D  
Use for sizing equip. only

$$Aof = \left( \frac{\quad}{\quad} \right)^n =$$

Aof = \_\_\_\_\_ MCF/D

TESTED BY B. Huntington

WITNESSED BY \_\_\_\_\_



*H. E. McAnally*