

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

CORRECTED COPY

DATE October 6, 1976

Operator El Paso Natural Gas Company		Lease San Juan 28-6 Unit #20-R	
Location SW 12-28N-6W		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6009'	Tubing: Diameter 2 3/8"	Set At: Feet 5961'
Pay Zone: From 5200	To 5970	Total Depth: PBTD 6009 5992	Shut In 9-29-76
Stimulation Method Sandwater Frac		Flow Through Casing --	Flow Through Tubing --

Choke Size, Inches --		Choke Constant: C --			
Shut-In Pressure, Casing, PSIG 865	+ 12 = PSIA 877	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 121	+ 12 = PSIA 136	
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> =	

$$\text{CHOKE VOLUME} = Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$$

Q =

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

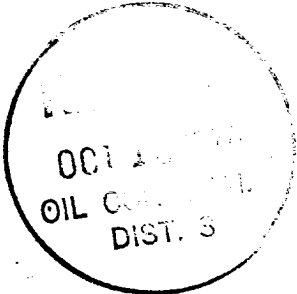
$$\text{OPEN FLOW} = Aof = Q \left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

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

TESTED BY D. Norton

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


  
Well Test Engineer