

OPEN FLOW TEST DATA

DATE December 9, 1976

Operator El Paso Natural Gas Company		Lease Gartner #7 (OWWO)	
Location SW 26-30-08		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5360'	Tubing: Diameter 2.375	Set At: Feet 5183'
Pay Zone: From 4404	To 5165	Total Depth: PBTD 5360 5343	Shut In 12-2-76
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 585	+ 12 = PSIA 597	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 583	+ 12 = PSIA 595	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	F _{pv} (From Tables)	Gravity F _g =		

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

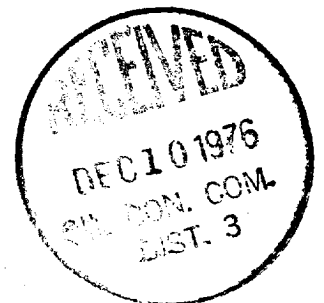
Q =

= _____ 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 T. D. Norton

WITNESSED BY _____

[Signature]
Well Test Engineer