

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE January 21, 1980

Operator El Paso Natural Gas Company		Lease Huerfano Unit #274	
Location NW 31-27-10		County San Juan	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 6380	Tubing: Diameter 2 3/8	Set At: Feet 6290
Pay Zone: From 6171	To 6334	Total Depth: 6380	Shut In 1-14-80
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1800	+ 12 = PSIA 1812	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 1680	+ 12 = PSIA 1692	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F <sub>pv</sub> (From Tables)	Gravity F <sub>g</sub> =	

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

Q =

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


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

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

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

TESTED BY T. McAndrews

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



C.R. Wagner  
Well Test Engineer