

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE January 8, 1979

Operator El Paso Natural Gas Company		Lease Beaver Lodge Com #2-A	
Location NW 36-31-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5189'	Tubing: Diameter 2 3/8	Set At: Feet 5088'
Pay Zone: From 4926	To 5101'	Total Depth: 5189'	Shut In 12-31-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 968	+ 12 = PSIA 980	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 415	+ 12 = PSIA 425	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F      Ft =	n =		Fpv (From Tables)	Gravity	Fg =

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

Q =

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

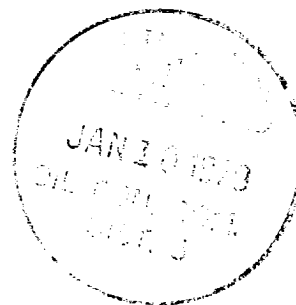
$$\text{OPEN FLOW} = Aof = Q \left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

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

TESTED BY J. Thurstonson

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



C.R. Kaplan  
Well Test Engineer