

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE November 20, 1978

Operator El Paso Natural Gas Company		Lease Van Hook #1-A	
Location SE 27- <u>32</u> -11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5819'	Tubing: Diameter 2 3/8	Set At: Feet 5682'
Pay Zone: From 4679'	To 5691'	Total Depth: 5819'	Shut In 11-8-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 779	+ 12 = PSIA 791	Days Shut-In 12	Shut-In Pressure, Tubing PSIG 550	+ 12 = PSIA 562	
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 =	

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

Q =

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

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

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

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

TESTED BY C. Rhames

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



*[Signature]*  
Well Test Engineer