

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE Oct. 4, 1979

Operator <u>El Paso Natural Gas Company</u>		Lease <u>San Juan 30-6 Unit #81A</u>	
Location <u>SE 17-30-6</u>		County <u>Rio Arriba</u>	State <u>New Mexico</u>
Formation <u>Mesa Verde</u>		Pool <u>Blanco</u>	
Casing: Diameter <u>4.500</u>	Set At: Feet <u>6063</u>	Tubing: Diameter <u>2 3/8</u>	Set At: Feet <u>5953</u>
Pay Zone: From <u>5260</u>	To <u>5974</u>	Total Depth: <u>6063</u>	Shut In <u>9-27-79</u>
Stimulation Method <u>Sand Water Frac</u>		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, <u>686</u> PSIG	+ 12 = PSIA <u>698</u>	Days Shut-In <u>7</u>	Shut-In Pressure, Tubing <u>716</u> PSIG	+ 12 = PSIA <u>728</u>	
Flowing Pressure: P <u> </u> PSIG	+ 12 = PSIA		Working Pressure: P _w <u> </u> PSIG	+ 12 = PSIA	
Temperature: T = <u> </u> °F	F _t = <u> </u>	n = <u> </u>	F _p v (From Tables)	Gravity <u> </u>	F _g = <u> </u>

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY R. Headrick

WITNESSED BY _____



C.R. Wagner
Well Test Engineer