

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE October 30, 1978

Operator <u>El Paso Natural Gas Company</u>		Lease <u>Hughes A #6-A</u>	
Location <u>NW 33-29-08</u>		County <u>San Juan</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>5277'</u>	Tubing: Diameter <u>2 3/8</u>	Set At: Feet <u>5182'</u>
Pay Zone: From <u>4207</u>	To <u>5180'</u>	Total Depth: <u>5277'</u>	Shut In <u>10-23-78</u>
Stimulation Method <u>Sandwater Frac</u>		Flow Through Casing <u>Flow Through Tubing</u>	

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG <u>732</u>	+ 12 = PSIA <u>744</u>	Days Shut-In <u>7</u>	Shut-In Pressure, Tubing PSIG <u>727</u>	+ 12 = PSIA <u>739</u>	
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 =	

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

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 N. Waggoner

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

C.R. Wagner  
Well Test Engineer