

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE Aug. 27, 1979

Operator <u>El Paso Natural Gas Company</u>		Lease <u>Barrett #6</u>	
Location <u>NW 19-31-09</u>		County <u>San Juan</u>	State <u>New Mexico</u>
Formation <u>Pictured Cliff</u>		Pool <u>Blanco</u>	
Casing: Diameter <u>2 7/8</u>	Set At: Feet <u>3628</u>	Tubing: Diameter <u>T/C</u>	Set At: Feet <u>-----</u>
Pay Zone: From <u>3464</u>	To <u>3568</u>	Total Depth: <u>3628</u>	Shut In <u>8-20-79</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>674</u> PSIG	+ 12 = PSIA <u>686</u>	Days Shut-In <u>7</u>	Shut-In Pressure, Tubing <u>-----</u> PSIG	+ 12 = PSIA <u>-----</u>	
Flowing Pressure: P <u>-----</u> PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> <u>-----</u> PSIG	+ 12 = PSIA	
Temperature: T = <u>-----</u> °F	F <sub>t</sub> = <u>-----</u>	n = <u>-----</u>	F <sub>p</sub> v (From Tables)	Gravity	F <sub>g</sub> = <u>-----</u>

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

Q =

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


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

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

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

TESTED BY John Thurstonson

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

  
H. E. McAnally  
Well Test Engineer