

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATADATE Oct. 17, 1979

Operator El Paso Natural Gas Company		Lease Vaughn #30	
Location SW 28-26-06		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 7280	Tubing: Diameter 2 3/8	Set At: Feet 7187
Pay Zone: From 6924	To 7208	Total Depth: 7280	Shut In 10-10-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 2260 PSIG	+ 12 = PSIA 2272	Days Shut-In 7	Shut-In Pressure, Tubing 600 PSIG	+ 12 = PSIA 612	
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

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

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

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

TESTED BY H. McDanials

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



*C.R. Wagner*  
Well Test Engineer