

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 17, 1979

Operator El Paso Natural Gas Company		Lease Huerfano Unit #149	
Location SW 18-25-9		County San Juan	State New Mexico
Formation Dakota		Pool Basin Dakota	
Casing: Diameter 4.500	Set At: Feet 6637'	Tubing: Diameter 2 3/8	Set At: Feet 6601
Pay Zone: From 6586	To 6616	Total Depth: 6637'	Shut In 7-10-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG -----	+ 12 = PSIA	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 804	+ 12 = PSIA	816
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w 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 Bill Welch

WITNESSED BY _____



H. E. McAnally
Well Test Engineer