

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE July 22, 1977

Operator El Paso Natural Gas Company		Lease Iluerfano Unit #281	
Location J SE 5-25-09		County San Juan	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4 1/2	Set At: Feet 6874'	Tubing: Diameter 2 3/8	Set At: Feet 6773'
Pay Zone: From 6653	To 6768	Total Depth: PBT 6874 6858	Shut In 7-15-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1984	+ 12 = PSIA 1996	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 1352	+ 12 = PSIA 1364	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	Fpv (From Tables)	Gravity Fg =		

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

Q =

= _____ MCF/D

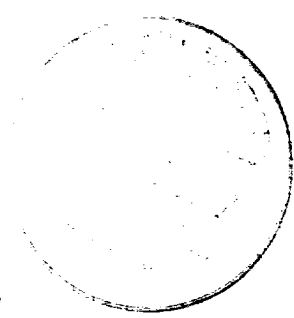
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY W. Lamb

WITNESSED BY _____



C. R. Wagner
Well Test Engineer