

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE June 30, 1977

Operator El Paso Natural Gas Company		Lease Jicarilla 183 #8	
Location O SE 21-23-03		County Sandoval	State New Mexico
Formation Pictured Cliffs		Pool Ballard PC	
Casing: Diameter 2 7/8	Set At: Feet 3090'	Tubing: Diameter T/C	Set At: Feet --
Pay Zone: From 3005	To 3072	Total Depth: 3090	Shut In 6-22-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 681	+ 12 = PSIA 693	Days Shut-In 7	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	Fpv (From Tables)	Gravity	Fg =	

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

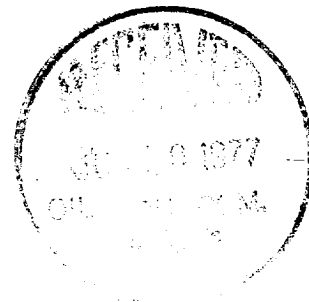
Q =

= _____ 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 H. E. McAnally

WITNESSED BY _____

C. R. Wagner
Well Test Engineer