

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE July 30, 1978

Operator El Paso Natural Gas Company		Lease San Juan 30-6 Unit #8-A	
Location NW 31-30-08 <u>7</u>		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 3857'	Tubing: Diameter 2 3/8	Set At: Feet 3694'
Pay Zone: From 3829'	To 3849'	Total Depth: 3857'	Shut In 7-29-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG No	+ 12 = PSIA	Days Shut-In 1	Shut-In Pressure, Tubing PSIG 615	+ 12 = PSIA 727 627	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F	n =		F _{pv} (From Tables)	Gravity F _g =	

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

Q =

= _____ MCF/D

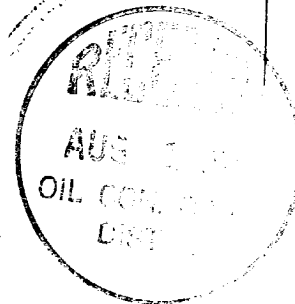
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY Joe Golding

WITNESSED BY _____



C. R. Wagner
Well Test Engineer