

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

CORRECTED COPY

DATE August 24, 1978

Operator El Paso Natural Gas Company		Lease San Juan 29-7 Unit #82 (OWWO)	
Location NE 4-29-07		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool	
Casing: Diameter 4.500	Set At: Feet 5703'	Tubing: Diameter 2 3/8	Set At: Feet 5629'
Pay Zone: From 4801'	To 5633'	Total Depth: 5703'	Shut In 7-10-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 891	+ 12 = PSIA 903	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 612	+ 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 =	

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

Q =

= _____ MCF/D

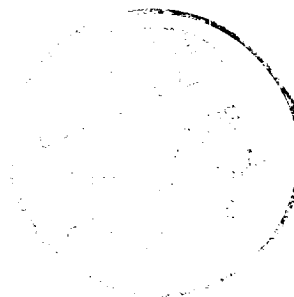
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY R. Headrick

WITNESSED BY _____



C.R. Hager
Well Test Engineer