

Operator El Paso Natural Gas Company		Lease EPNG A #1 (OWEO)	
Location SE 21-32-06		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 7496'	Tubing: Diameter 2 3/8	Set At: Feet 5943'
Pay Zone: From 5367	To 5955'	Total Depth: PETD 8146 6415	Shut In 12-5-77
Stimulation Method Sandwater Frac		Flow Through Casing Flow Through Tubing	

Choke Size, Inches		Choke Constant: C	
Shut-In Pressure, Casing, PSIG 1200	+ 12 = PSIA 1212	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 832
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: Pw PSIG	+ 12 = PSIA
Temperature: T = °F F =	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

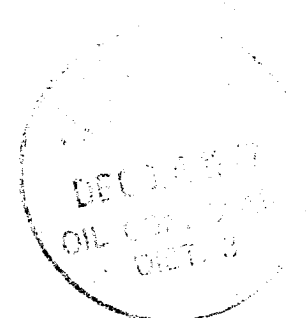
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY T. McAndrews

WITNESSED BY _____



Well Test Engineer