

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE October 26, 1977

Operator El Paso Natural Gas Company		Lease Kelly A #8	
Location SW 15-31-10		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Blanco	
Casing: Diameter 2 7/8	Set At: Feet 3173'	Tubing: Diameter T/C	Set At: Feet --
Pay Zone: From 2997	To 3065	Total Depth: 3173	Shut In 10-19-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 690	+ 12 = PSIA 702	Days Shut-In 7	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: Pw 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

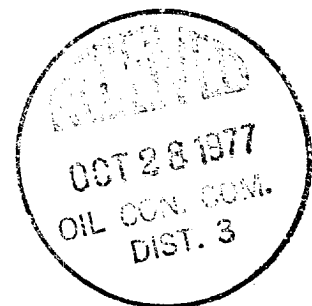
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY D. Wright

WITNESSED BY _____



C.R. Wagner
Well Test Engineer