

OPEN FLOW TEST DATA

DATE July 27, 1977

Operator El Paso Natural Gas Company		Lease Lindrith Com #91	
Location <u>29</u> SW <u>28-24-02</u>		County Rio Arriba	State New Mexico
Formation Pictured Cliff		Pool So. Blanco	
Casing: Diameter 2 7/8	Set At: Feet 3138	Tubing: Diameter T/C	Set At: Feet
Pay Zone: From 3056	To 3084	Total Depth: 3138	Shut In 7-20-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 959	+ 12 = PSIA 971	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 =		

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

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 L. Nations

WITNESSED BY _____

C.R. Hogan
Well Test Engineer