

OPEN FLOW TEST DATA

DATE August 17, 1977

Operator El Paso Natural Gas Company		Lease San Juan 27-4 Unit #135	
Location NE 36-27-04		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2"	Set At: Feet 6595'	Tubing: Diameter 2 3/8"	Set At: Feet 6344'
Pay Zone: From 5841'	To 6483'	Total Depth: 6595'	Shut In 8-7-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches A-bore packer		Choke Constant: C		Packer set @6344.06'	
Shut-In Pressure, Casing, PSIG 1160	+ 12 = PSIA 1172	Days Shut-In 10	Shut-In Pressure, Tubing, PSIG 1180	+ 12 = PSIA 1192	
Flowing Pressure: P, PSIG	+ 12 = PSIA		Working Pressure: P _w , PSIG	+ 12 = PSIA	
Temperature: T = °F	n =		F _{pv} (From Tables)	Gravity F _g =	

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

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/—

TESTED BY F. Johnson

WITNESSED BY _____

C.R. Wagner
Well Test Engineer

