

OPEN FLOW TEST DATA

DATE January 14, 1980

Operator El Paso Natural Gas Company		Lease San Juan 27-4 Unit #136	
Location SW 32-27-4		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6504	Tubing: Diameter 2 3/8	Set At: Feet 6387
Pay Zone: From 5592	To 6417	Total Depth: 6504	Shut In 1-7-80
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1158	+ 12 = PSIA 1170	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 605	+ 12 = PSIA 617	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: Pw PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

Q =

= _____ MCF/D

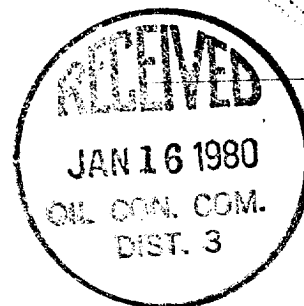
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

Aof = _____ MCF/D

TESTED BY R. Hardy

WITNESSED BY _____



W. R. Kasper
Well Test Engineer