

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE August 28, 1978

Operator El Paso Natural Gas Company		Lease S.J. 27-4 Unit #99	
Location SW 16-27-4		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6761'	Tubing: Diameter 2.375	Set At: Feet 6681'
Pay Zone: From 5842'	To 6684'	Total Depth: 6761'	Shut In 8-19-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1134	+ 12 = PSIA 1146	Days Shut-In 9	Shut-In Pressure, Tubing PSIG 678	+ 12 = PSIA 690	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	F _{pv} (From Tables)	Gravity F _g =		

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

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 R. Hardy

WITNESSED BY _____



[Signature]
Well Test Engineer