

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE January 15, 1979

Operator El Paso Natural Gas Company		Lease S.J. 28-6 Unit #58-A	
Location SE 23-28-06		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5982'	Tubing: Diameter 2 3/8	Set At: Feet 5910'
Pay Zone: From 5040	To 5920	Total Depth: 5982	Shut In 1-5-79
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 852	+ 12 = PSIA 864	Days Shut-In 10	Shut-In Pressure, Tubing PSIG 40	+ 12 = PSIA 52	
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 =	

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

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. Norton

WITNESSED BY _____

C.R. Wagner
Well Test Engineer