

OPEN FLOW TEST DATA

DATE April 26, 1979

Operator El Paso Natural Gas Company		Lease S.J. 29-7 Unit #94-A	
Location NW ¹⁹ 10 -29-07		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6046'	Tubing: Diameter 2 3/8	Set At: Feet 6008'
Pay Zone: From 5052	To 6000'	Total Depth: 6046'	Shut In 4-19-79
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 814	+ 12 = PSIA 826	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 512	+ 12 = PSIA 524	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F F _t =	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

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

$$Aof = \left(\frac{\quad}{\quad} \right)^n =$$

After frac gauge= 4000 MCF/D. Used for sizing equipment only.

Aof = _____ MCF/D

TESTED BY J. Golding

WITNESSED BY _____

C.R. Wagner
Well Test Engineer

