

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE 10-3-78

Operator El Paso Natural Gas Company		Lease S. J. 30-6 Unit #7-A	
Location NW 30-30-7		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5725'	Tubing: Diameter 2 3/8	Set At: Feet 5666'
Pay Zone: From 4642'	To 5702'	Total Depth: 5725'	Shut In 9-26-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 702	+ 12 = PSIA 714	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 702	+ 12 = PSIA 714	
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

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

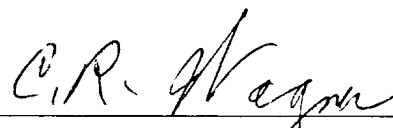
$$Aof = \left(\frac{\quad}{\quad} \right)^n =$$

After frac gauge= 4400 MCF/D. Used for sizing equipment only.

Aof = _____ MCF/D

TESTED BY R. Headrick

WITNESSED BY _____


 Well Test Engineer