

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE August 7, 1978

Operator El Paso Natural Gas Company		Lease Sunray G #1-A	
Location NW 21-31-09		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6034'	Tubing: Diameter 2 3/8	Set At: Feet 5912'
Pay Zone: From 4853	To 5970	Total Depth: 6034'	Shut In 7-29-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 673	+ 12 = PSIA 685	Days Shut-In 9	Shut-In Pressure, Tubing PSIG 672	+ 12 = PSIA 684	
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 =		

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

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 J. Golding

WITNESSED BY _____

C. R. Wagner
Well Test Engineer