

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE March 26, 1979

Operator El Paso Natural Gas Company		Lease Sunray G #2-A	
Location SE 21-31-09		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5712'	Tubing: Diameter 2 3/8	Set At: Feet 5656'
Pay Zone: From 4560'	To 5666'	Total Depth: 5712'	Shut In 2-16-79
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 593	+ 12 = PSIA 605	Days Shut-In 38	Shut-In Pressure, Tubing PSIG 285	+ 12 = PSIA 297	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY R. Headrick

WITNESSED BY _____

C. R. Hagan
Well Test Engineer

