

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE December 19, 1977

Operator El Paso Natural Gas Company		Lease Sunray A #2-A	
Location SE 10-30-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 6124'	Tubing: Diameter 2 3/8	Set At: Feet 6069'
Pay Zone: From 5081	To 6058'	Total Depth: PBTD 6124 6106	Shut In 12-9-77
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 801	+ 12 = PSIA 813	Days Shut-In 10	Shut-In Pressure, Tubing PSIG 377	+ 12 = PSIA 389	
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 =	

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

$$Q = \text{_____ MCF/D}$$

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

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

$$Aof = \text{_____ MCF/D}$$

TESTED BY J. Golding

WITNESSED BY _____

C. R. Wagner
Well Test Engineer

