

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE November 14 1977

Operator El Paso Natural Gas Company		Lease Sunray II #1 (OWMO)	
Location NE/4 Sec. 11-30-10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5977'	Tubing: Diameter 2.375	Set At: Feet 5855'
Pay Zone: From 4867	To 5874	Total Depth: 5977'	Shut In 1-5-77
Stimulation Method Sandwater Frac		Flow Through Casing Flow Through Tubing	

Choke Size, Inches		Choke Constant: C	
Shut-In Pressure, Casing, PSIG 766	+ 12 = PSIA 778	Days Shut-In 9	Shut-In Pressure, Tubing PSIG 407
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA
Temperature: T = °F	n =	Fpv (From Tables)	Gravity Fg =

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

Q = _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY J. Thurstonson

WITNESSED BY _____

C.R. Hagan
Well Test Engineer