

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE May 22, 1978

Operator El Paso Natural Gas Company		Lease Sunray #2-A	
Location SE 5-29-08		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5705'	Tubing: Diameter 2 3/8	Set At: Feet 5644'
Pay Zone: From 4710'	To 5648'	Total Depth: 5705'	Shut In 5-14-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 728	+ 12 = PSIA 740	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 724	+ 12 = PSIA 736	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

CHOKE VOLUME = Q = C x P_t x F_t x F_g x 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 R. Headrick

WITNESSED BY _____

C.R. Wagner
Well Test Engineer