

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE 6-28-79

Operator El Paso Natural Gas Company		Lease Sunray E 2A	
Location NW 9 - 30 - 10		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5687	Tubing: Diameter 2 3/8	Set At: Feet 3210
Pay Zone: From 4611	To 5580	Total Depth: 5687	Shut in 6-21-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 842	+ 12 = PSIA 854	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 429	+ 12 = PSIA 441	
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 =	

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

Q =

= _____ MCF/D

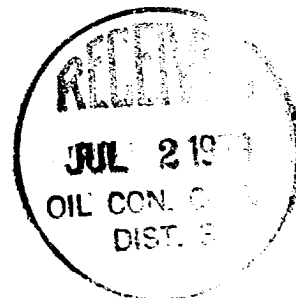
$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\frac{Q}{C} \right)^{\frac{1}{n}} =$$

Aof = _____ MCF/D

TESTED BY J. Thurstonson

WITNESSED BY _____



C.R. Wagner

Well Test Engineer