

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE December 14, 1978

Operator El Paso Natural Gas Company		Lease Sinclair Com #1-A	
Location SW 32-32-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5883'	Tubing: Diameter 2 3/8	Set At: Feet 5761'
Pay Zone: From 4718	To 5797'	Total Depth: 5883'	Shut In 11-30-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 742	+ 12 = PSIA 754	Days Shut-In 14	Shut-In Pressure, Tubing PSIG 580	+ 12 = PSIA 592	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	Fpv (From Tables)	Gravity Fg =		

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

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 C. R. Wagner

WITNESSED BY \_\_\_\_\_



*C. R. Wagner*  
Well Test Engineer