

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE November 7, 1978

Operator El Paso Natural Gas Company		Lease Allison #53	
Location NE 29-32-06		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6108'	Tubing: Diameter 2 3/8	Set At: Feet 6050'
Pay Zone: From 5498'	To 6022	Total Depth: 6108	Shut In 10-31-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 1161	+ 12 = PSIA 1173	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 943	+ 12 = PSIA 955	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub> PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F <sub>pv</sub> (From Tables)	Gravity F <sub>g</sub> =	

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

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

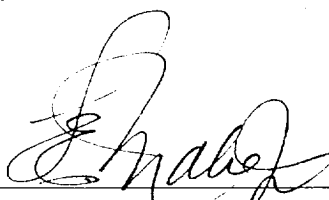
$$\text{OPEN FLOW} = Aof = Q \left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

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

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

TESTED BY T. McAndrews

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

  
Well Test Engineer