

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE May 15, 1978

Operator El Paso Natural Gas Company		Lease Mudge #2-A	
Location SE 10-31-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4 1/2	Set At: Feet 5492'	Tubing: Diameter 2 3/8	Set At: Feet 5441'
Pay Zone: From 5031	To 5408	Total Depth: 5492'	Shut In 5-8-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 643	+ 12 = PSIA 655	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 630	+ 12 = PSIA 642	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: Pw PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

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

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

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

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

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

TESTED BY D. Wright

WITNESSED BY _____



C. R. Wagner
Well Test Engineer