

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

CORRECTION COPY*Two Copies of Mudge #13A were sent out. DATE Aug. 30, 1979

*Please Discard both copies

Operator El Paso Natural Gas Company		Lease Mudge #13A	
Location SE 20-31-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5426	Tubing: Diameter 2 3/8	Set At: Feet 5311
Pay Zone: From 4789	To 5321	Total Depth: 5426	Shut In 8-23-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 998 PSIG	+ 12 = PSIA 1010	Days Shut-In 7	Shut-In Pressure, Tubing 523 PSIG	+ 12 = PSIA 535	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F F _t =	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

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

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

Aof = _____ MCF/D

TESTED BY C. Rhames

WITNESSED BY _____

SEP 6 1979
OIL CON. COM.
DIST. 3

C.R. Wagner
Well Test Engineer