

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE May 25, 1978

Operator El Paso Natural Gas Company		Lease Hughes #7-A	
Location NW 29-29-08		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5685'	Tubing: Diameter 2 3/8	Set At: Feet 5637'
Pay Zone: From 4634'	To 5644'	Total Depth: 5685'	Shut In 5-18-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 515	- 12 = PSIA 627	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 341	+ 12 = PSIA 353	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	r =	F _{pv} (From Tables)	Gravity	F _g =	

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

Q =

= _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY J. Ensley

WITNESSED BY _____

C.R. Wagner
Well Test Engineer