

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE 11-10-71

Operator Hess Corporation		Lease Hess Corp. No. 1000	
Location Hess Corp. No. 1000		County Hess Corp.	State Hess Corp.
Formation Hess Corp.		Pool Hess Corp.	
Casing: Diameter Hess Corp.	Set At: Feet Hess Corp.	Tubing: Diameter Hess Corp.	Set At: Feet Hess Corp.
Pay Zone: From Hess Corp.	To Hess Corp.	Total Depth: Hess Corp.	Shut In Hess Corp.
Stimulation Method Hess Corp.		Flow Through Casing Hess Corp.	Flow Through Tubing Hess Corp.

Choke Size, Inches	Choke Constant: C			
Shut-In Pressure, Casing, PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA
Temperature:	n =	Fpv (From Tables)	Gravity	
T = °F Ft = .0017			Fg = .0025	

10000 (10) = 1010 1010
 10000 (10) = 1010 1010

$$\text{CHOKE VOLUME} = Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$$

$$Q = (12.365)(307)(.9887)(.9858)(1.002) = \underline{\hspace{2cm}} \text{ MCF/D}$$

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

$$A_{of} = \left(\frac{577.56}{200.000} \right)^n = (2.8878)(1.0425)^{.75} = (2.8878)(1.0321)$$

NOTE: The wall produced a light

NOTE: The wall produced a light spray of water and distillate throughout the test.

Aof = 2500 MCF/D

TESTED BY _____

WITNESSED BY _____

J. R. Kendrick
J. R. Kendrick