FORM 23-75 (12-66)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE February 14, 1979

Operator: El Paso Natural Gas Company		Lease: Hughes A #3A	
Location: NW 27-29-08		County: San Juan	State: New Mexico
Formation: Mesa Verde		Pool: Blanco	
Casing: Diameter: 4.500	Set At: Feet: 5944'	Tubing: Diameter: 2 3/8	Set At: Feet: 5875'
Pay Zone: From: 4872'	To: 5916'	Total Depth: 5944'	Shut In: 2-3-79
Stimulation Method: Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches	Choke Constant: C			
Shut-In Pressure, Casing, PSIG: 691	+ 12 = PSIA: 703	Days Shut-In: 11	Shut-In Pressure, Tubing PSIG: 116	+ 12 = PSIA: 126
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P_w PSIG	+ 12 = PSIA
Temperature: T= °F Ft=	n =		Fpv (From Tables)	Gravity Fg =

CHOKE VOLUME = Q = C x P_t x F_t x F_g x F_{pv}

Q = = _____ MCF/D

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

Aof = $\left(\quad \right)^n$ =

Aof = _____ MCF/D

TESTED BY J. Easly

WITNESSED BY _____

C. R. Wagner

Well Test Engineer