EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE ____August 27, 1975

Operator		Lease	
El Paso Natural Gas Company		Howell D #1-A	State
1750'N, 950'W, Sec. 28, T31N, R8W		San Juan	New Mexico
Formation		Pool	
Mesa Verde		B1anco	
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet
4.500	6075'	2.375	6007'
Pay Zone: From	То	Total Depth: PBTD	Shut In
5284'	6012'	6075' 6059'	8-12-75
Stimulation Method	1 0012	Flow Through Casing	Flow Through Tubing
Sandwater Frac		· ·	XX

Choke Size, Inches	Plate Chake Constant: C	Well tested through 3/4	4" variable choke
4" M.R. 2.500" plate Shut-In Pressure, Casing, PSIG 600	32.64 + 12 = PSIA Days Shut-In 612 15	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA 302
	+ 12 = PSIA	Working Pressure: Pw PSIG	+ 12 = PSIA
	M. R. 52 W.H. 143	500	512
Temperature:	n =	Fpv (From Tables) 1.004	Gravity
T = 67 °F Ft = .9933	0.75		.660 Fg = 1.231

Q = Calculated from meter readings

OPEN FLOW = Aof = Q
$$\begin{pmatrix} & & & \\ & P_c & \\ & P_c & P_w \end{pmatrix}$$

Aof =
$$\left(\begin{array}{c} 374544 \\ \hline 112400 \end{array}\right)^{n} = (1704)(3.3322)^{.75} = (1704)(2.4663)$$



Note: Well flared 212.80 MCF of gas during

test and made 13.12 Bbls of water.

TESTED BY R. Hardy & C. Dein WITNESSED BY_____

Well Test Engineer