EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE ____August 8, 1975

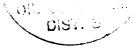
Operator El Paso Natural Gas Company Location 810'S, 1565'E, Sec 33, T 25 N, R 6 W Formation Pictured Cliffs		Canyon Largo Unit #273		
		County Rio Arriba		State New Mexico
		Pool Ballard		
Casing: Diameter 2.875	Set At: Feet 2494 '	Tubing: Diameter No tubing		Set At: Feet
Pay Zone: From 2406	т о 2470	Total Depth: 2494 ¹	PBTD 2484	Shut In 7-31-75
Stimulation Method Sand Water Frac		Flow Through Casing XX		Flow Through Tubing

Choke Size, Inches		Choke Constant: C 12.365		Tubingless Completion		
Shut-In Pressure, Casing, 521	PSIG	+ 12 = PSIA 533	Days Shut-In	Shut-In Pressure, Tubing No tubing	PSIG	+ 12 = PSIA
Flowing Pressure: P	PSIG	+ 12 = PSIA 71		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 86
Temperature:		n =		Fpv (From Tables)		Gravity
T= 69 •F F+= •	9822	.85		1.010		.700 Fg = .925

$$Q = (12.365)(71)(.9822)(.9258)(1.010)$$

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

Aof = Q
$$\left(\frac{284089}{276693} \right)^{n}$$
 = 806(1.027).85 = 806 (1.023)



Note: The well blew a light fog of water throughout the test. During the test 171.91 MCF of gas was vented to the air.

TESTED BY ____ Johnson

WITNESSED BY_____