EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

CORRECTED COPY

DATE November 21, 1973

Operator El Paso Natural Gas Company		San Juan 27-4 U. #16 (OWWO)			
Location 990/S, 990/W, Se		County Rio Arriba	State New Mexico		
Formation Mesa Verde		Pool Blanco			
Casing: Diameter 5 1/2	Set At: Feet 79901	Tubing: Diameter 2 3/8"	Set At: Feet 59581		
Pay Zone: From 5712	т. 5966	Total Depth; COTD 6000	Shut In 10-10-73		
Stimulation Method Sandwater Frac		Flow Through Casing X	Flow Through Tubing		

Г	MP		Orifice Choke Constant:					1
	Chake Size, Inches	Orifice	Choke Constant:	C				
	4" 2.500		32.54		Well Tested thru 48/64 choke			
	Shut-In Pressure, Casir	g, PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA	
	1165		1177	42	709		721	
	Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: Pw	PSIG	+ 12 = PSIA	
	WH 267	MR_206_	WH 279	MR 218	576		588	
	Temperature:		n =		Fpv (From Tables)		Gravity	0707
	T= 63 °F	Ft= .9971	.75		1.023		.680	$F_{g} = .9393$

CHOKE VOLUME = Q = C x P, x F, x Fg x Fpv

Q = Calculated from meter readings

OPEN FLOW = Aof = Q
$$\begin{pmatrix} & 2 & \\ & P_c & \\ & P_c & P_w \end{pmatrix}$$

Aof = Q
$$\left(\begin{array}{c} 1385329 \\ \hline 1039585 \end{array}\right)$$
 = 4618 (1.3326) \cdot 75=4618(1.2403)



Note: Well produced 14 bbl. of 56

gravity oil, no water.

TESTED BY Hardy & Broughton

WITNESSED BY_____

Well Test Engineer