EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE October 11, 1973

El Paso Natural Gas Company Location 1650/N, 1754/E, Sec. 16, T-27N, R4W		San Juan 27-4 Unit No. 71		
		County Rio Arriba	State New Mexico	
Formation Dakota		Pool Basin		
Casing: Diameter	Set At: Feet 8532 t	Tubing: Diameter 1 1/2"	Set At: Feet 8504 ¹	
Pay Zone: From 8312	To 8502'	Total Depth: 8532 t	Shut In 10-1-73	
Stimulation Method Sandwater Frac		Flow Through Casing X	Flow Through Tubing	

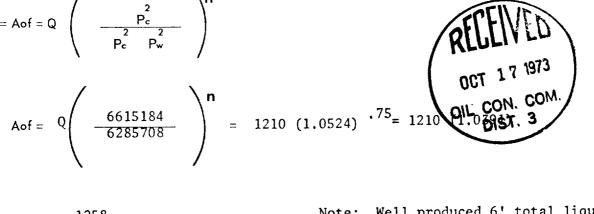
MR Choke Size, Inches	Orofice	Ori fice Chake Constant	: C				
4" 2.500		32.64		Well tested thru 48/64 Choke			
Shut-In Pressure, Co	esing, PSIG 2560	+ 12 = PSIA 2572	Days Shut-In	Shut-In Pressure, Tubing 1122	PSIG	+ 12 = PSIA 1134	
Flowing Pressure: F	P PSIG MR 27	+ 12 = PSIA WH 132	MR 39	Working Pressure: Pw 562	PSIG	+ 12 = PSIA 574	
Temperature: 7 = 58°F	Ft= 1.002	n = .75		Fpv (From Tables) 1.004		Gravity . 655	Fg = .9571

CHOKE VOLUME = Q = C x Pt x Ft x Fg x Fpv

Q = Calculated from meter readings

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

Aof =
$$Q\left(\begin{array}{c} 6615184 \\ \hline 6285708 \end{array}\right)$$
 = 1210 (1.0524)



Aof = 1258 MCF/D

Note: Well produced 6' total liquid

with 1' oil.

Norton & Hardy TESTED BY _

WITNESSED BY_____

lian D. Welch

Well Test Engineer