EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE 3/16/73

Operators		Lease			
El Paso Natural Gas Company		Nageezi #l			
Location		County	State		
1500/N, 1500/E,	Sec. 12 T25N, R9W	San Juan	NM		
Formation		Pool			
Gallup		Undesignated			
Casing: Diameter 4.500	Set At: Feet 6639	Tubing: Diameter 2.375	Set At: Feet 5961		
Pay Zone: From 51450	т о 5658	Total Depth: 6100	Shut In 3/7/73		
Stimulation Method		Flow Through Casing	Flow Through Tubing		
SWF			X		

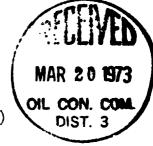
Choke fixe, Inches		Choke Constant: C					
2.750		41.10					
Shut-In Pressure, Casing, 472	PSIG	+ 12 = PSIA 484	Days Shut-In	Shut-In Pressure, Tubing 1062	PSIG	+ 12 = PSIA 1074	
Flowing Pressure: P mr 15 wh 93	PSIG	+ 12 = PSIA mr 27	wh 105	Working Pressure: Pw 473	PSIG	+ 12 = PSIA 485	
Temperature: T= 81 •F Ft=	. 9804	n = .75		Fpv (From Tables) 1.008		Gravity .650	Fg= .9608

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

Q = Calculated from meter readings

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

Aof =
$$Q\left(\frac{1153476}{918251}\right)^n$$
 = 379 (1.2562) = 379 (1.1866)



Aof =	450	MCF/D
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NOTE: Well produced 122 bbl oil, corrected gravity 39.1 @ 60 degrees. Q=41.10 x 1.23 x 3.162 x .9804 x .9608 x 1.008 =

379.

TESTED BY BJB and CR

WITNESSED BY_____

William D. Welch Well Test Engineer