EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE __ May 21, 1975

Operator El Paso Natural Gas Company		Lease		
		Florance B #1-A		
Location		County		State
1460'N, 940'W, Sec. 20, T30N, R9W		San Juan		New Mexico
Formation Mesa Verde		Pool Blanco		
4.500	54291	2.375		53881
Pay Zone: From	То	Total Depth:	PBTD	Shut In
4438'	54061	5429'	5412'	5-9-75
Stimulation Method		Flow Through Casing		Flow Through Tubing
Sandwater Frac				XX

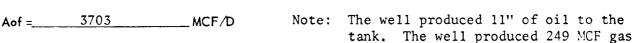
Chake Size, Inches		Choke Constant: C		i		
2.500	" MTR	32.64		Tested through a 3/4" variable choke.		
Shut-In Pressure, Ca	sing, PSIG	+ 12 = PSIA 665	Days Shut-In 7	Shut-In Pressure, Tubing 350	PSIG	+ 12 = PSiA 362
Flowing Pressure: P 119 W.H.	PSIG 62 MTR	+ 12 = PSIA 131 W.H.	74 MTR	Working Pressure: Pw 530	PSIG	+ 12 = PSIA 542
Temperature:		n =		Fpv (From Tables)		Gravity
T= 58 °F	$F_{1}=1.009$.75		1.014		.670 Fg = .9463

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

Q = Calculated from orifice meter readings. = 1633 MCF/D

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

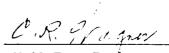
Aof =
$$Q\left(\begin{array}{c} 442225 \\ 148461 \end{array}\right)^{n} = 1633(2.9787)^{.75} = 1633(2.2674)$$



during the test.

TESTED BY ____Johnson-Watson

WITNESSED BY_____



Well Test Engineer