EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE January 9, 1974

Operator		Lease /		
El Paso Natural Gas Company		San Juan 28-7 Uni	t #183 /	
Location		County	State /	
1550/N, 1750/E, Sec. 1, T27N, R7W		Rio Arriba	New Mexico	
Formation		Pool		
Dakota		Basin		
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet	
4.500	7268'	1 1/2	7240'	
Pay Zone: From	То	Total Depth:	Shut In	
7046	7248	7268	, 12-30-73	
Stimulation Method		Flow Through Casing	Flow Through Tubing	
Sandwater Frac				

Chord dizay mana		Choke Constant: C				
		12,365				
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA
2605		2617	10	2127		2139
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: Pw	PSIG	+ 12 = PSIA
325		337		<u> </u>		603
Temperature:		n =		Fpv (From Tables)		Gravity
T= 70 °F Ft=	.9887	. 75		1.032		.650 Fg = 9608

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

Q = 12.365 (337)(.9887)(.9608)(1.032)

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

Aof =
$$Q$$
 $\begin{pmatrix} 6848689 \\ 6485080 \end{pmatrix}$ = 4085(1.0561) \cdot 75=4085(1.0418)

JAN 14 1974
OIL CON. COM.
DIST. 3

Aof =4256 MCF/D

Note: Medium mist of water and drip.

TESTED BY __Fothergill

WITNESSED BY_____

Loven w Fitherall

L. W. Fothergill Well Test Engineer