EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE November 20, 1973

Operator		Lease	
El Paso Natura	Gas Company	San Juan 28-4 Uni	t #36
Location		County	State
700/S, 1470/W, Sec. 29, T28N, R4W		Rio Arriba	New Mexico
Formation Dakota	į	Pool Basin	
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet
4.500	8710'	1_1/2	8691
Pay Zone: From	То	Total Depth:	Shut In
8502	8672'	8710	10-29-73
Stimulation Method		Flow Through Casing	Flow Through Tubing
Sandwater Frac		Y	

MR Chabe Size, Inches Orifice		Orifice Chala-Constant: C					
4" 2.75		41.10		Well tested thru 48/64 choke			
Shut-In Pressure, Casing, 2205		12 = PSIA 2217	Days Shut-In 22	Shut-In Pressure, Tubing 1264	PSIG	+ 12 = PSIA 1276	
Flowing Pressure: P WH 96 MR 27		12 = PSIA WH 108	MR 39	Working Pressure: Pw 547	PSIG	+ 12 = PSIA 559	
Temperature:	n	=		Fpv (From Tables)		Gravity	
T= 72°F F+=	.9887	. 75		1.003		.610	Fg = .991

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
$$\begin{pmatrix} \frac{4915089}{4602608} \end{pmatrix}$$
 = 1000 (1.0679) \cdot 75 = 1000 (1.0505) OIL CON. COM. DIST. 3



Aof = 1050 MCF/D Note: Well produced 17 bbl. of water.

TESTED BY Rhames & Norton

WITNESSED BY_____

Well Test Engineer