OPEN FLOW TEST DATA

DATE ___ July 28, 1977

Operator E1 Paso Natural Gas Company Location NW 17-27-04		Lease San Juan 27-4 Unit #16-A		
		County Rio Arriba	State New Mexico	
Formation Mesa Verde		Pool Blanco		
Casing: Diameter 4 1/2	Set At: Feet 6110'	Tubing: Diameter 2 3/8	Set At: Feet 60761	
Pay Zone: From 5207	т о 6072	Total Depth: 6110	Shut In	
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing XX	

Meter		Meter				
Choke Size, Inches 01	orifice Cheke Constant: C		С			
4" M.R. plate	plate 2.500 32.64			Well tested through 3/4" variable choke		
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA
			11		1050	1062
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: Pw	PSIG	+ 12 = PSIA
M.R. 138 W.H.	350	M.R. 150	W.H. 362	Calc.		660
Temperature:		n =		Fpv (From Tables)		Gravity
T= 57 °F F+=	1.003	. 75		1.041		.670 Fg =1.222

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

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

COUNTY OF BUILDING

Aof =
$$Q\left(\begin{array}{c} 1127844 \\ 692244 \end{array}\right)^{\mathbf{n}} = (3669)(1.6293) = {}^{.75}(3669)(1.4421)$$

Note: Well produced 13 Bbl's of 63° API gravity oil and vented 390 MCF of gas to atmosphere during test.

TESTED BY ______ D. Howell

WITNESSED BY____