EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

CCC

10/30/72

Operator El Paso Natural	L Gas Company	San Juan 28-5 Unit # 4-Y			
Location	, Sec. 19-T28N-R5W	County	State		
1505/N, 1750/E		Rio Arriba	NM		
Formation Mesaverde		Pool : Blanco			
Casing: Diameter	Set At: Feet	Tubing: Diameter 2.375	Set At: Feet		
4.500	5900		5848		
Pay Zone: From	т . 5866	Total Depth:	Shut in		
5616		5900	10/21/72		
Stimulation Method SWF		Flow Through Casing	Flow Through Tubing		

Choke Size, Inches	Choke Constant: C 12.365						
Shut-In Pressure, Casing, 966	PSIG	+ 12 = PSIA 978	Days Shut-In	Shut-In Pressure, Tubing	PSIG 966	+ 12 = PSIA	978
Flowing Pressure: P	PSIG	+ 12 = PSIA 167		Working Pressure: Pw	PSIG 504	+ 12 = PSIA	516
Temperature: T= 62 °F Ft	= . 9981	n = .75		Fpv (From Tables)	1.016	Gravity .670	Fg= .9463

$$Q = (12.365)(167)(.9981)(.9463)(1.016)$$

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

Aof = Q
$$\begin{pmatrix} 956484 \\ 690228 \end{pmatrix}$$
 = $(1982)(1.3858)^{.75}$ = $(1982)(1.2772)$

2531 _MCF/D

NOTE: Blew heavy fog of water for 1972 mi Then clear gas fon remainder of CON. COM.

DIST. 3

D. Welch

TESTED BY Goodwin and Norton

WITNESSED BY_

OIL CON. COM.

William D. Welch Well Test Engineer