## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

DATE September 30, 1976

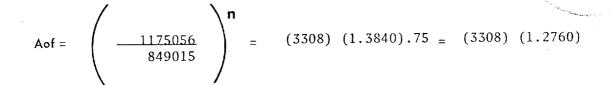
Operator El Paso Natural Gas Company		San Juan 27-4 #105		
NE Sec. 1	9, T27N, R4W	Rio Arriba	New Mexico	
Formation		Pool		
Mesaverde		Blanco		
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet	
4.500	6348	2.375	6233	
Pay Zone: From	То	Total Depth:	Shut In	
5396	6239	6348 PBTD 6331	9/20/76	
Stimulation Method		Flow Through Casing	Flow Through Tubing	
SWF		.	XX	

Place							
Choke Size, Inches		定文表 Constant: C					
2.500", 4" M.R.		32.	54	Tested through a 3/4" variable choke			
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing 1076	PSIG	+ 12 = PSIA 1084	
Flowing Pressure: P 239 W.H.; 77 M.R	PSIG	+ 12 = PSIA 250 W.H; 89 M.R.		Working Pressure: Pw Calculated	PSIG	+ 12 = PSIA 571	
Temperature:		n =		Fpv (From Tables)		Gravity	
T= 49 °F Ft= 1	.0108	. 7	5	1.012		0.700 Fg=	1.19

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

Q = Calculated from orifice meter readings = 3308 MCF/D

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



Aof = 4221 MCF/D NOTE: The well produced 5.15 bbls. of 42° API Gravity oil and 475 MCF of gas during the test.

TESTED BY R. Hardy

WITNESSED BY\_\_\_\_\_

Well Test Engineer