## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

dec

DATE \_\_\_\_12/19/72

Operator		Lease		
EL PASO NATURAL GAS COMPANY		Huerfano Unit #231		
Location		County	State	
1050/N, 800/N, Sec	. 6, T26N, R9W	San Juan	NM	
Formation		Pool		
Gallup		Angels Peak		
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet	
4.500	6189	2.375	6114	
Pay Zone: From	То	Total Depth;	Shut In	
5758	6124	6189	12/5/72	
Stimulation Method		Flow Through Casing	Flow Through Tubing	
SWF			X	

Plate CANNE Size, Inches 4" MR, 2.750 plate		Choke Constant: C		Tested through a 3/4" variable choke		
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA 692	Days Shut-In	Shut-In Pressure, Tubing 420	PSIG	+ 12 = PSIA 432
Flowing Pressure: P 58 WH, 12 meter	PSIG	+ 12 = PSIA 70 WH, 24	meter	Working Pressure: Pw 302	PSIG	+ 12 = PSIA 314
Temperature: T= .83 °F Ft= .	9786	n =		Fpv (From Tables) 1.004		Gravity .755 Fg = 1.1509

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

Q = Calculated from orifice meter readings = 843 MCF/D

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

Aof = Q 
$$\left( \frac{478864}{380268} \right)^n = (843)(1.2593) = (843)(1.1888)$$

Aof = 1002 MCF/D

NOTE: The well produced 15 bbls of 37.0

API gravity oil during the test.

TESTED BY Bobby J. Broughton

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

William D. Welch Well Test Engineer

Stildel