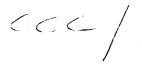
EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA



DATE ____12/28/72

Operator EL PASO NATURAL GAS CO	MPA NY	Lease Heaton #29						
Location 1850/S, (800/E, Sec. 31, T31N, R11W) Formation Pictured Cliffs EXT.		County San Juan	State NM					
		Pool Aztec						
Casing: Diameter Sc	of At: Feet 2455	Tubing: Diameter No tubing	Set At: Foot					
	2404	Total Depth: 2455	Shut In 12/20/72					
Stimulation Method SWF		Flow Through Casing X	Flow Through Tubing					

Choke Size, Inches		Choke Constant: C					
0.750	-0.065		Tubingless Completion				
	PSIG		Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA	
Shut-In Pressure, Casing,	1 310	549	8	No tubing			
537	PSIG	+ 12 = PSIA		Working Pressure: Pw	PSIG	+ 12 = PSIA	
Flowing Pressure: P	F 310	55		Calculated		66	
<u>43</u>		n =		Fpv (From Tables)		Gravity	
Temperature:	.9971	1		1.003		.635 Fg=	.9721

CHOKE VOLUME = Q =	c	x	P.	x	F.	x	F	x	Fpv
CHUKE YULUME = W ~	_	^	' †	^	' †	••			

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

Aof = Q
$$\left(\frac{301401}{297045}\right)^n$$
 = (661)(1.0147) = (661)(1.0125) OIL CON. COM. DIST. 3



Aof =____669 __MCF/D

NOTE: The well produced a light spray of water throughout the test.

TESTED BY W. D. Welch

WITNESSED BY_____

William D. Welch Well Test Engineer