EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE September 20, 1973

Operator		Lease		
El Paso Natural Gas Company		Huerfano Unit #237		
Location	· -	County	State	
1090/N, 1550/W, Sec. 17, T-26N, R9W		San Juan	New Mexico	
Formation		Pool		
Gallup		Angel Peak		
Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet	
4 1/2	6037'	2 3/8	59781	
Pay Zone: From	То	Total Depth:	Shut In	
5688	5978	6037	9-12-73	
Stimulation Method		Flow Through Casing	Flow Through Tubing	
Sandwater Frac.		1	l x	

Choke Size, Inches		Choke Constant: C				
.750	12.365		Well Tested thru 48/64 choke			
Shut-In Pressure, Casing,	PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing	PSIG	+ 12 = PSIA
637		649	7	447		459
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: Pw	PSIG	+ 12 = PSIA
6		18		358		370
Temperature:		n =		Fpv (From Tables)		Gravity
T= 102 °F F+=	.9619	. 75		1.003		720 Fg = 9129

$$Q = (12.365)(18)(.9619)(.9129)(1.003)$$

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

Aof =
$$Q\left(\begin{array}{c} 421201 \\ \hline 284301 \end{array}\right)^{n}$$
 = 196 (1.4815) $.75$ = 196 (1.3429)

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Note: Well produced 8 bbl of 37° Oil.

TESTED BY S. Sack and C.R.W.

WITNESSED BY_____

William D. Wolch
William D. Welch

Well Test Engineer