FORM 33-75 (12-66)

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE _____ May 24, 1976 _____

Operator		Lease	
El Paso Natural Gas Company		Beaver Lodge Com #2-R	

Location	County	State
NE 36-31N-11W	San Juan	New Mexico

Formation	Pool
Pictured Cliffs	Blanco

Casing: Diameter	Set At: Feet	Tubing: Diameter	Set At: Feet
4.500	5263'	1 1/4"	2750'

Pay Zone: From	To	Total Depth:	Shut In
2647	2731	5263	5-5-76

Stimulation Method	Flow Through Casing	Flow Through Tubing
Sandwater Frac	XX	

Choke Size, Inches	Choke Constant: C				
0.750	12.365				
Shut-In Pressure, Casing, PSIG	+ 12 = PSIA	Days Shut-In	Shut-In Pressure, Tubing PSIG	+ 12 = PSIA	
756	768	19	756	768	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: Pw PSIG	+ 12 = PSIA	
120	132		121	133	
Temperature:	n =		Fpv (From Tables)	Gravity	
T= 64 °F Ft= .9962	0.85		1.013	.660 Fg = .9535	

CHOKE VOLUME $= Q = C \times P_t \times F_t \times F_g \times F_{pv}$

$$Q = (12.365)(132)(.9962)(.9535)(1.013) \qquad = \underline{\hspace{2cm} 1571 \hspace{1cm}} \text{ MCF/D}$$

OPEN FLOW $= Aof = Q \left(\dfrac{P_c^2}{P_c^2 \quad P_w^2} \right)^n$
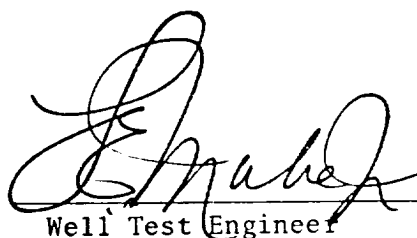
$$Aof = Q \left(\dfrac{589824}{572135} \right)^n = (1571)(1.0309)^{.85} = (1571)(1.0262)$$

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DIST. 3

$Aof = \underline{\hspace{1cm} 1612 \hspace{1cm}}$ MCF/D   Note: Blew dry gas throughout test.

TESTED BY _____ C. R. Wagner _____

WITNESSED BY _____

_____ Well Test Engineer