EL PASO NATURAL GAS COMPÁNY

OPEN FLOW TEST DATA

DATE ______December 2, 1971

Operator El Paso Natural Gas Company Location 1840'/S - 1850'/W, S 21, T27N, R7W Formation Dekota		San Juan 28-7 Unit No. 152			
		County Rio Arriba	State New Mexico Set At: Feet		
		Pool Basin Tubing: Diameter			
Casing: Diameter 4.500	Set At: Feet 751:14	2.375	7469 Shut In		
Pay Zone: From 7261+	7484	Total Depth: 751-14 Flow Through Casing	11-15-71 Flow Through Tubing		
Stimulation Method		1 tow Timoogn Gooms	xx		

CHOKE Size, Inches 4" NR 2.750" Plate	Choke Constant: C 41.9208	Well tested thru 3/4'	variable choke
Shut-In Pressure, Casing, PSIG 2302	D Should	2407	+ 12 = PSIA 2419
Flowing Pressure: P PSIG		Working Pressure: Pw PSIG	+ 12 = PSIA 782
387 W.H. 89 M.R. Temperature: T= 66 °F Ft= 0.9943	n =	Fpv (From Tables)	Gravity 0.650 Fg = 1.2403

CHOKE VOLUME = Q = C x	Pt	x	F,	X	Fg	X	Fpv
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. Q = Calculated from orifice meter readings = 3109 MCF/D

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

NOTE: The well produced 29 bbls. of 510 gravity oil during the test.

Aof =
$$\left(\frac{5851561}{5240037}\right)^{n}$$
 = $(3109)(1.1167)^{.75}$ = $(3109)(1.0863)$

Aof = ______MCF/D

PECE 6 1971
OIL CON. COM. DIST. 3

TESTED BY Bobby Broughton

WITNESSED BY_____

L. E. Made, Jr.