FORM 23-75R (REV. 1-63)

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE _____ January 6, 1970 _____

Operator	Lease	
El Paso Natural Gas Company	Atlantic "B" No. 10	
Location	**County**	**State**
1750 N, 790 E, S 5, T30N, R10W	San Juan	New Mexico
Formation	**Pool**	
Pictured Cliffs	Undesignated	
Casing: Diameter 2.875	**Set At: Feet** 3102	**Tubing: Diameter** No tubing	**Set At: Feet**
Pay Zone: From 2940	**To** 3024	**Total Depth:** 3102	**Shut In** 12-12-69
Stimulation Method SWF	**Flow Through Casing** xx	**Flow Through Tubing**

Choke Size, Inches .750	Choke Constant: C 12.365		Tubingless completion		
Shut-In Pressure, Casing, PSIG 954	**+ 12 = PSIA** 966	**Days Shut-In** 25	**Shut-In Pressure, Tubing PSIG** No tubing	**+ 12 = PSIA**	
Flowing Pressure: P PSIG 191	**+ 12 = PSIA** 203		**Working Pressure: Pw PSIG** Calc.	**+ 12 = PSIA** 256	
Temperature: T= 61 °F Ft=.9990	**n =** .85		**Fpv (From Tables)** 1.020	**Gravity** .660 Fg = .9535	

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

$Q = 12.365 \times 203 \times .9535 \times .9990 \times 1.020 \qquad = \underline{\quad 2439 \quad}$ MCF/D

OPEN FLOW = $Aof = Q \left(\dfrac{P_c^2}{P_c^2 \quad P_w^2} \right)^n$

Note: Light fog of dist. and water throughout test.

$Aof = \left(\dfrac{933156}{867620} \right)^n = (1.0755)^{.85} \; 2439 = 1.0638 \times 2439$

$Aof = \underline{\quad 2595 \quad}$ MCF/D

TESTED BY _____ C. R. Wagner _____

WITNESSED BY _____