FORM 23-75R (REV. 11-57)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DUAL COMPLETION DATE **April 18, 1960**

Operator: **El Paso Natural Gas Company**		Lease: **Rincon Unit No. 129 (M)**	
Location: **1650S, 1840W; 29-27-6**		County: **Rio Arriba**	State: **New Mexico**
Formation: **Mesa Verde**		Pool: **Blanco**	
Casing: Diameter: **7**	Set At: Feet: **7365**	Tubing: Diameter: **1-1/4**	Set At: Feet: **5485**
Pay Zone: From: **5396**	To: **5564**	Total Depth: **7771 c/o 7724**	**Re-S.I. 3/28/60**
Stimulation Method: **Sand Oil Frac.**		Flow Through Casing: **X**	Flow Through Tubing

Choke Size, Inches: **.75**		Choke Constant: C **12.365**		**7" at 7365**			
Shut-in Pressure, Casing: **1308**	PSIG + 12 = PSIA **1320**	Days Shut-In: **21**	Shut-in Pressure, Tubing: **1308**	PSIG + 12 = PSIA **1320**			
Flowing Pressure: P **223**	PSIG + 12 = PSIA **235**		Working Pressure: Pw **256**	PSIG + 12 = PSIA **268**			
Temperature: T **59** F	n **.75**	Ft **1.001**	Fpv (From Tables) **1.029**	Gravity **.710**	Fg **.9193**		

Initial SIPT (D) = 2382 psig **Baker Model "D" at 6490**
Final SIPT (D) = 2398 psig

CHOKE VOLUME: Q = C x P_t x F_t x F_g x F_{pv}

Q = **12.365 x 235 x 1.0010 x .9193 x 1.029** = **2751** MCF D

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

Note: **High shut-in pressure of MV zone may be due to previous packer leakage which we believe to have been corrected now. Additional tests will be conducted when well is producing into line.**

Aof = $\left(\frac{1742400}{1670576} \right)^n$ $1.0429^{.75}$ x 2751 = 1.0320 x 2751

Aof = **2839** MCF D

RECEIVED
APR 25 1960
OIL CON. COM.
DIST. 3

TESTED BY **Jesse B. Goodwin**

WITNESSED BY

Checked By H. L. Kendrick

L. D. Galloway

L. D. Galloway