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

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE September 2, 1964

Operator: [illegible] Paso [illegible] Company		Lease: [illegible] 35 (PC)	
Location: [illegible] . 26, [illegible]		County: [illegible]	State: New Mexico
Formation: [illegible]		[illegible]	
[illegible]: [illegible]	Set At: Feet [illegible]	[illegible]	At Feet [illegible]
Pay Zone: From [illegible]	To 4194	Total Depth: [illegible]	Shut-In [illegible]-27-64
Stimulation Method: [illegible]		Flow Through Casing: [illegible]	Flow Through Tubing

Choke Size, Inches: 0.750	Choke Constant: C 12.365		[illegible] Model "D" Packer set at 1250'	
Shut-In Pressure, Casing, PSIG: 1039 (PC)	+ 12 = PSIA 1051	Days Shut-in 17	Shut-In Pressure, Tubing PSIG: 1038 (PC)	+ 12 = PSIA 1050
Flowing Pressure: P PSIG 168	+ 12 = PSIA 180		Working Pressure: P_w PSIG 177	+ 12 = PSIA 189
Temperature: T = 59 °F F_t = 1.0010	n = .85		F_{pv} (From Tables) [illegible]	Gravity .650 F_g = .9608

Initial SIPT (MV) = [illegible] psig
Final SIPT (MV) = [illegible] psig

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

Q = ([illegible]365)(180)(1.0010)(.9608)(1.016) = 2175 MCF/D

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

$$\text{Aof} = \left(\frac{1104601}{1068880}\right)^n = (2175)(1.0334)^{.85} = (2175)(1.0283)$$

NOTE: Well produced very little water during test.

Aof = 2237 MCF/D

TESTED BY Hermon E. McAnally

[illegible]

[illegible] BY H. [illegible] Kendrick

Lewis D. Galloway (signature)

Lewis D. Galloway