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

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DUAL COMPLETION CORRECTED COPY DATE August 19, 1964

Operator: El Paso Natural Gas Company		Lease: San Juan 27-4 Unit No. 21 (PC) (OWWO)	
Location: 890'N, 1800'E, Sec. 30, T-27-N, R-4-W		County: Rio Arriba	State: New Mexico
Formation: Pictured Cliffs		Pool: Ojito	
Casing: Diameter: 7.625	Set At: Feet: 3999	Tubing: Diameter: 1.660	Set At: Feet: 3870
Pay Zone: From: 3820	To: 3890	Total Depth: 6122	Shut In: 7-30-64
Stimulation Method: Sand Water Frac		Flow Through Casing: X	Flow Through Tubing:

Choke Size, Inches: 0.750		Choke Constant: C: 12.365		Model "H" Baker Packer set at 3913 ft.	
Shut-in Pressure, Casing, PSIG: (PC) 593	+ 12 = PSIA: 605	Days Shut-in: 20	Shut-in Pressure, Tubing PSIG: (PC) 594	+ 12 = PSIA: 606	
Flowing Pressure: P PSIG: 59	+ 12 = PSIA: 71		Working Pressure: P_w PSIG: 63	+ 12 = PSIA: 75	
Temperature: T= 59 °F	Ft=1.0010	n = .85	Fpv (From Tables): 1.009	Gravity: .628	Fg = .9359

ISIPT (MV) = 525 psig
FSIPT (MV) = 526 psig

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

$Q = (12.365)\ (71)\ (1.0010)\ (.9359)\ (1.009) =$ 830 MCF/D

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

$Aof = \left(\frac{367,236}{361,611} \right)^n = (830)\ (1.0155)^{.85} = (830)\ (1.0132)$

Aof = 841 MCF/D

RECEIVED
SEP 3 1964
OIL CON. COM.
DIST. 3

TESTED BY Dannie R. Roberts

CALCULATED
WITNESSED BY W. D. Dawson

Lewis D. Galloway
Lewis D. Galloway