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

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE August 14, 1968

Operator: El Paso Natural Gas Company		Lease: San Juan 28-5 Unit No. 79	
Location: 990'S, 964'W, Sec. 25, T-28-N, R-5-W		County: Rio Arriba	State: New Mexico
Formation: Dakota		Pool: Basin	
Casing: Diameter: 4.500	Set At: Feet: 8274	Tubing: Diameter: 2.375	Set At: Feet: 8029
Pay Zone: From: 8054	To: 8248	Total Depth: 8274	Shut In: 7-15-68
Stimulation Method: Sand Water Frac		Flow Through Casing	Flow Through Tubing: X

Choke Size, Inches: .750		Choke Constant: C: 12.365			
Shut-In Pressure, Casing, PSIG: 2691	+ 12 = PSIA: 2703	Days Shut-In: 30	Shut-In Pressure, Tubing PSIG: 2697	+ 12 = PSIA: 2709	
Flowing Pressure: P PSIG: 215	+ 12 = PSIA: 227		Working Pressure: Pw PSIG: 679	+ 12 = PSIA: 691	
Temperature: T= 75 °F Ft= .9859	n = .75		Fpv (From Tables): 1.021	Gravity: .670 Fg = .9463	

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

Q = (12.365)(227)(.9859)(.9463)(1.021) = 2674 MCF/D

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

Aof = $\left(\frac{7338681}{6544200} \right)^n$ = (2674)(1.1212)$^{.75}$ = (2674)(1.0896)

Note: The well produced a heavy spray of water and distillate throughout the test.

Aof = 2914 MCF/D

RECEIVED
AUG 19 1968
OIL CON. COM.
DIST. 3

TESTED BY Dannie Roberts
Checked

WITNESSED BY Tom B. Grant

H. L. Kendrick