FORM C-75R (REV. 1-65)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE June 30, 1966

Operator: El Paso Natural Gas Company		Lease: Huerfanito Unit No. 103	
Location: [illegible]' FSL, 1190'FWL, Section 3, T-26-N, R-9-W		County: San Juan	State: New Mexico
Formation: Dakota		Pool: Basin	
Casing: Diameter: 4.500	Set At: Feet: 6739	Tubing: Diameter: 2.375	Set At: Feet: 6646
Pay Zone: From: 6426	To: 6618	Total Depth: 6754	Shut In: 6-22-66
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: 2003	+ 12 = PSIA: 2015	Days Shut-in	Shut-in Pressure, Tubing PSIG: 1352	+ 12 = PSIA: 1364
Flowing Pressure: P PSIG: 186	+ 12 = PSIA: [illegible]		Working Pressure: Pw PSIG: 527	+ 12 = PSIA: 539
Temperature: T= [illegible] °F Ft= .9822	n = .75		Fpv (From Tables): 1.019	Gravity: .685 Fg = .9359

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

Q = (12.365) (198) (.9822) (.9359) (1.019) = 2293 MCF/D

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

Aof = $\left(\frac{4060225}{3769704} \right)^n$ = (2293) $(1.0771)^{.75}$ = (2293) (1.0573)

NOTE: Blew oil to surface in 3 minutes. Blew oil for two minutes, then blew water for 1-1/2 minutes then light gray mist of oil and water throughout the test.

Aof = [illegible] MCF/D

TESTED BY Walter Dansida

WITNESSED BY [illegible]

RECEIVED
JUL 5 1966
OIL CON. COM.
DIST. 3

H. L. Kendrick