FORM 23-75 (12-66)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

ocf

DATE 4-9-73

Operator: El Paso Natural Gas Company		Lease: Nye #10	
Location: 1500/N, 1840/E, Sec. 9, T29N, R10W		County: San Juan	State: NM
Formation: Fruitland		Pool:	
Casing: Diameter: 2 7/8	Set At: Feet: 2106	Tubing: Diameter: No tubing	Set At: Feet:
Pay Zone: From: 1988	To: 2008	Total Depth: 2106	Shut In: 3/30/73
Stimulation Method: SWF		Flow Through Casing: X	Flow Through Tubing:

Choke Size, Inches: .750		Choke Constant: C: 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG: 670	+ 12 = PSIA: 682	Days Shut-In: 10	Shut-In Pressure, Tubing PSIG: No tubing		+ 12 = PSIA:
Flowing Pressure: P PSIG: 96	+ 12 = PSIA: 108		Working Pressure: Pw PSIG: Calculated		+ 12 = PSIA: 128
Temperature: T= 56 °F	Ft=1.0039	n = .85	Fpv (From Tables): 1.009	Gravity: .650	Fg = .9608

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

Q = (12.365)(108)(1.0039)(.9608)(1.009) = 1,300 MCF/D

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

Aof = Q $\left(\frac{465124}{448740} \right)^n$ = $(1300)(1.0365)^{.85}$ = (1300)(1.0309)

Aof = 1,341 MCF/D

NOTE: Well blew dry gas.

RECEIVED
APR 13 1973
OIL CON. COM.
DIST. 3

TESTED BY Norton

WITNESSED BY

William D. Welch

William D. Welch
Well Test Engineer