FORM 23-75 (.2-66)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE October 25, 1973

Operator: El Paso Natural Gas Company		Lease: Canyon Largo Unit #207	
Location: 1840/S, 800/W, Sec. 28, T25N, R6W		County: Rio Arriba	State: New Mexico
Formation: Pictured Cliffs		Pool: Ballard	
Casing: Diameter: 2.875	Set At: Feet: 2698'	Tubing: Diameter: No Tubing	Set At: Feet:
Pay Zone: From: 2624	To: 2666'	Total Depth: 2698	Shut In: 10-16-73
Stimulation Method: Sandwater Frac.		Flow Through Casing: X	Flow Through Tubing:

Choke Size, Inches: .750		Choke Constant: C: 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG: 562	+ 12 = PSIA: 574	Days Shut-In: 8	Shut-In Pressure, Tubing PSIG: No Tubing	+ 12 = PSIA:	
Flowing Pressure: P PSIG: 259	+ 12 = PSIA: 271		Working Pressure: P_w PSIG: Calculated	+ 12 = PSIA:	
Temperature: T= 63 °F Ft= .9971	n = .85		Fpv (From Tables): 1.030	Gravity: .700 Fg = .9258	

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

$Q = (12.365)(271)(.9971)(.9258)(1.030) = 3186$ MCF/D

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

$Aof = Q \left(\frac{329476}{216580} \right)^n = 3186\ (1.5213)^{.85} = 3186\ (1.4285)$

$Aof = 4551$ MCF/D

Note: Well produced a very light fog of water throughout the test.

RECEIVED
NOV 5 1973
OIL CON. COM.
DIST. 3

TESTED BY B.J.B.

WITNESSED BY

William D. Welch

William D. Welch
Well Test Engineer