FORM C-122 (REV. 1-65)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE July 6, 1967

Operator: El Paso Natural Gas Company		Lease: San Juan 28-6 Unit No. 141	
Location: [illegible], Sec. 36, T-28-N, R-6-W		County: Rio Arriba	State: New Mexico
Formation: [illegible]		Pool: Basin	
Casing: Diameter: [illegible]	Set At: Feet: 7585	Tubing: Diameter: 2.375	Set At: Feet: 7294
Pay Zone: From: [illegible]	To: 7542	Total Depth: 7585	Shut In: 6-22-67
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: 2667	+ 12 = PSIA: 2679	Days Shut-In: 8	Shut-In Pressure, Tubing PSIG: 2683	+ 12 = PSIA: 2695	
Flowing Pressure: P PSIG: 426	+ 12 = PSIA: 438		Working Pressure: P_w PSIG: 1340	+ 12 = PSIA: 1352	
Temperature: T= 50 °F	Ft= .9813	n = .75	Fpv (From Tables): 1.034	Gravity: .630	Fg= .9759

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

$Q = (12.365)(438)(9813)(.9759)(1.034)$ = 5363 MCF/D

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

$Aof = \left(\frac{7263025}{5435121} \right)^n = (5363)(1.3363)^{.75} = (5363)(1.2429)$

NOTE: The well blew a medium fog for the first seven minutes of the test.

Aof = 6666 MCF/D

TESTED BY Don Norton

CALCULATED

WITNESSED BY A. J. Loleit

CHECKED BY T. B. Grant

RECEIVED
JUL 12 1967
OIL CON. COM.
DIST. 3

H. L. Kendrick