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

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE May 20, 1970

Operator: El Paso Natural Gas Co.		Lease: San Juan 28-6 Unit No. 151	
Location: 1650N, 1650E, S34, T28N, R6W		County: Rio Arriba	State: New Mexico
Formation: Dakota		Pool: Basin	
Casing: Diameter: 4.500	Set At: Feet: 7861	Tubing: Diameter: 1.900	Set At: Feet: 7765
Pay Zone: From: 7699	To: 7808	Total Depth: 7861	Shut In: 5-12-70
Stimulation Method: SWF		Flow Through Casing: XX	Flow Through Tubing:

Choke Size, Inches: 0.750		Choke Constant: C: 12.365			
Shut-In Pressure, Casing, PSIG: 2624	+ 12 = PSIA: 2636	Days Shut-In: 8	Shut-In Pressure, Tubing PSIG: 2365	+ 12 = PSIA: 2377	
Flowing Pressure: P PSIG: 393	+ 12 = PSIA: 405		Working Pressure: Pw PSIG: 632	+ 12 = PSIA: 644	
Temperature: T= 76 °F Ft=.9850	n = .75		Fpv (From Tables): 1.033	Gravity: .650 Fg=.9721	

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

Q = (12.365)(405)(.9850)(.9721)(1.033) = 4953 MCF/D

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

Note: well produced light to heavy fog throu out blow(H_2O and dist.)

Aof = $\left(\frac{6395876}{6401140} \right)^n$ = $(4953)(1.0639)^{.75}$ = (4953)(1.0476)

Aof = 5189 MCF/D

RECEIVED
JUN 2 1970
OIL CON. COM.
DIST. 3

TESTED BY B. J. Broughton

WITNESSED BY

H. L. Kendrick