FORM 23-75 (12-66)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE September 25, 1975

Operator: El Paso Natural Gas Company		Lease: Scott #10	
Location: 800/S, 1000/W, Sec. 4, T31N, R10W		County: San Juan	State: New Mexico
Formation: Pictured Cliffs		Pool: Undes	
Casing: Diameter: 2.875	Set At: Feet: 2957'	Tubing: Diameter: No Tubing	Set At: Feet: --
Pay Zone: From: 2765'	To: 2828'	Total Depth: 2957' PBTD 2946'	Shut In: 9-18-75
Stimulation Method: Sandwater Frac		Flow Through Casing: XX	Flow Through Tubing:

Choke Size, Inches: .750		Choke Constant: C: 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG: 862	+ 12 = PSIA: 874	Days Shut-In: 7	Shut-In Pressure, Tubing PSIG: No Tubing	+ 12 = PSIA: --	
Flowing Pressure: P PSIG: 78	+ 12 = PSIA: 90		Working Pressure: Pw PSIG: Calculated	+ 12 = PSIA: 112	
Temperature: T= 61 °F Ft= .9990	n = .85		Fpv (From Tables): 1.007	Gravity: .635 Fg = .9721	

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

$Q = 12.365(90)(.9990)(.9721)(1.007) = 1088$ MCF/D

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

$Aof = Q \left(\frac{763876}{751399} \right)^n = 1088(1.0166)^{.85} = 1088(1.0141)$

Aof = 1103 MCF/D

Note: Well produced dry gas throughout test. Well vented 152 MCF during 3 hour test.

RECEIVED SEP 29 1975 OIL CON. COM. DIST. 3

TESTED BY Don Norton

WITNESSED BY _____

Well Test Engineer