FORM C-75 (12-65)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE June 7, 1978

Operator: El Paso Natural Gas Company		Lease: Barnes #4-A	
Location: NW 26-32-11		County: San Juan	State: New Mexico
Formation: Pictured Cliffs		Pool: Blanco Ext.	
Casing: Diameter: 4.500	Set At: Feet: 9590'	Tubing: Diameter: 1 1/4	Set At: Feet: 3300'
Pay Zone: From: 3256'	To: 3290'	Total Depth: 9590'	Shut In: 5-20-78
Stimulation Method: Sandwater Frac		Flow Through Casing: XX	Flow Through Tubing:

Choke Size, Inches: .750		Choke Constant: C: 12.365			
Shut-In Pressure, Casing, PSIG: 715	+ 12 = PSIA: 727	Days Shut-In: 18	Shut-In Pressure, Tubing PSIG: 719	+ 12 = PSIA: 731	
Flowing Pressure: P PSIG: 155	+ 12 = PSIA: 167		Working Pressure: P_w PSIG: 155	+ 12 = PSIA: 167	
Temperature: T= 60 °F Ft= 1.000	n = .85		Fpv (From Tables): 1.016	Gravity: .670 Fg = .9463	

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

$Q = 12.365(167)(1.000)(.9463)(1.016) = 1985$ MCF/D

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

$Aof = Q \left(\frac{534361}{506472} \right)^n = (1.0551)^{.85}(1985) = (1.0466)(1985)$

Aof = 2078 MCF/D

Note: Well blew dry gas throughout test. Well vented 201 MCF to the atmosphere during the test.

RECEIVED JUN 15 1978 OIL CON. COM. DIST. 3

TESTED BY D. Wright

WITNESSED BY _____

C. R. Wagner

Well Test Engineer