FORM 23-75 (12-66)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE October 7, 1975

Operator: El Paso Natural Gas Company		Lease: Scott #14	
Location: 1750/S, 990/E, Sec. 8, T31N, R10W		County: San Juan	State: New Mexico
Formation: Pictured Cliffs		Pool: Blanco	
Casing: Diameter: 2.875	Set At: Feet: 2969'	Tubing: Diameter: No Tubing	Set At: Feet:
Pay Zone: From: 2776	To: 2848'	Total Depth: 2972' PBTD 2958'	Shut In: 9-30-75
Stimulation Method: Sandwater Frac		Flow Through Casing: XX	Flow Through Tubing:

Choke Size, Inches: 0.750		Choke Constant: C: 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG: 860	+ 12 = PSIA: 872	Days Shut-In: 7	Shut-In Pressure, Tubing PSIG: No Tubing	+ 12 = PSIA: --	
Flowing Pressure: P PSIG: 148	+ 12 = PSIA: 160		Working Pressure: P_w PSIG: Calculated	+ 12 = PSIA: 199	
Temperature: T= 59 °F Ft= 1.001	n = 0.85		Fpv (From Tables): 1.014	Gravity: .635 Fg = 0.9721	

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

$Q = (12.365)(160)(1.001)(.9721)(1.014) = 1952$ MCF/D

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

$Aof = Q \left(\frac{760384}{720783} \right)^n = (1952)(1.0549)^{.85} = (1952)(1.0465)$

RECEIVED OCT 8 1975 OIL CON. COM. DIST. 3

Aof = 2043 MCF/D

Note: The well produced dry gas throughout the test. The well produced 267.0 MCF gas during the test.

TESTED BY R. Hardy

WITNESSED BY

Well Test Engineer