FORM 2-3-75 (12-66)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE October 16, 1975

Operator: El Paso Natural Gas Company		Lease: Brookhaven Com K #13	
Location: 1760'S, 1840'W, Sec. 16, T31N, R10W		County: San Juan	State: New Mexico
Formation: Pictured Cliffs		Pool: Blanco	
Casing: Diameter: 2.875	Set At: Feet: 2955'	Tubing: Diameter: No Tubing	Set At: Feet: --
Pay Zone: From: 2796'	To: 2857'	Total Depth: 2955' PBTD 2944'	Shut In: 10-8-75
Stimulation Method: Sandwater Frac		Flow Through Casing: XX	Flow Through Tubing:

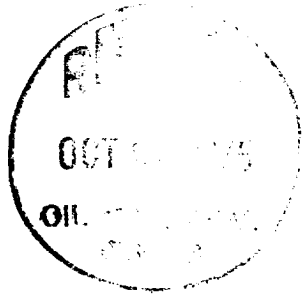
Choke Size, Inches: .750		Choke Constant: C: 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG: 915	+ 12 = PSIA: 927	Days Shut-In: 8	Shut-In Pressure, Tubing PSIG: No tubing	+ 12 = PSIA: --	
Flowing Pressure: P PSIG: 124	+ 12 = PSIA: 136		Working Pressure: P_w PSIG: Calculated	+ 12 = PSIA: 169	
Temperature: T= 65 °F Ft= .9952	n = .85		Fpv (From Tables): 1.012	Gravity: .635 Fg = .9721	

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

$Q = (12.365)(136)(.9952)(.9721)(1.012) =$ 1646 MCF/D

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

$Aof = Q \left(\frac{859329}{830768} \right)^n = 1646(1.0344)^{.85} = 1646(1.0292)$



Aof = 1694 MCF/D

Note: This well produced dry gas. During the test 222.68 MCF of gas was vented to atmosphere.

TESTED BY J. Goodwin

WITNESSED BY _____

Gary W. Buck

Well Test Engineer