FORM 23-75 (12-66)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

OCC

DATE 4/23/73

Operator: El Paso Natural Gas Company		Lease: Sharp #6	
Location: 1840'/S, 1740'/E. Sec. 18, T28N, R8W		County: San Juan	State: NM
Formation: Pictured Cliffs Ext.		Pool: ~~Undesignated~~ So Blanco	
Casing: Diameter: 2.875	Set At: Feet: 2275	Tubing: Diameter: No tubing	Set At: Feet
Pay Zone: From: 2160	To: 2213	Total Depth: 2276	Shut In: 4/13/73
Stimulation Method: SWF		Flow Through Casing: X	Flow Through Tubing

Choke Size, Inches: .750		Choke Constant: C: 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG: 750	+ 12 = PSIA: 762	Days Shut-In: 10	Shut-In Pressure, Tubing PSIG: No tubing	+ 12 = PSIA	
Flowing Pressure: P PSIG: 109	+ 12 = PSIA: 121		Working Pressure: Pw PSIG: Calculated	+ 12 = PSIA: 145	
Temperature: T= 59 °F	Ft=1.001	n = .85	Fpv (From Tables): 1.010	Gravity: .645	Fg = .9645

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

$Q = (12.365)(121)(1.001)(.9645)(1.010) = 1459$ MCF/D

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

$Aof = Q \left(\frac{580644}{559619} \right)^n = (1459)(1.0376)^{.85} = (1459)(1.0319)$

Aof = 1506 MCF/D

NOTE: Well produced dry gas.

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APR 30 1973
OIL CON. COM.
DIST. 3

TESTED BY Norton

WITNESSED BY

William D. Welch

William D. Welch
Well Test Engineer