FORM 23-75 (12-66)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE June 10, 1974

Operator: El Paso Natural Gas Company		Lease: Lloyd B #4	
Location: 1560/N, 1840/W, Sec. 12, T29N, R11W		County: San Juan	State: New Mexico
Formation: Chacra		Pool: Undes	
Casing: Diameter: 2.875'	Set At: Feet: 3239'	Tubing: Diameter: No Tubing	Set At: Feet: --
Pay Zone: From: 3192'	To: 3202'	Total Depth: 3239' PBTD 3228'	Shut In: 5-31-74
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: 1075	+ 12 = PSIA: 1087	Days Shut-In: 10	Shut-In Pressure, Tubing PSIG: No Tubing	+ 12 = PSIA: --	
Flowing Pressure: P PSIG: 22	+ 12 = PSIA: 34		Working Pressure: P_w PSIG: Calculated	+ 12 = PSIA: 43	
Temperature: T= 61 °F	Ft= .9990	n = .85	Fpv (From Tables): 1.0040	Gravity: .650	Fg = .9608

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

$Q = 12.365(34)(.9990)(.9608)(1.0040) = 405$ MCF/D

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

$Aof = Q \left(\frac{1181569}{1179720} \right)^n = 405(1.0016)^{.85} = 405(1.0013)$

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Aof = 406 MCF/D

Note: The well produced a light fog of water and distillate during the test.

TESTED BY C. R. Wagner

WITNESSED BY

Loren W Fothergill

Loren W. Fothergill
Well Test Engineer