FORM 23-75 (12-66)

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE April 3, 1975

Operator: El Paso Natural Gas Company		Lease: Hancock A #9	
Location: 1840/N, 875/E, Sec. 26, T28N, R9W		County: San Juan	State: New Mexico
Formation: Chacra		Pool: Harris Mesa Ext.	
Casing: Diameter: 2.875	Set At: Feet: 3412'	Tubing: Diameter: No Tubing	Set At: Feet: --
Pay Zone: From: 3220'	To: 3364'	Total Depth: PBTD 3412' 3402'	Shut In: 3-26-75
Stimulation Method: Sandwater FRac		Flow Through Casing: XX	Flow Through Tubing:

Choke Size, Inches: .75	Choke Constant: C: 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG: 1028	+ 12 = PSIA: 1040	Days Shut-In: 8	Shut-In Pressure, Tubing PSIG: No Tubing	+ 12 = PSIA: --
Flowing Pressure: P PSIG: 95	+ 12 = PSIA: 107		Working Pressure: P_w PSIG: Calculated	+ 12 = PSIA: 137
Temperature: T= 60 °F Ft= 1.000	n = .75		Fpv (From Tables): 1.009	Gravity: .650 Fg = .9608

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

$Q = 12.365(107)(1.0)(.9608)(1.009) = 1283$ MCF/D

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

$Aof = Q \left(\frac{1081600}{1062796} \right)^n = 1283(1.1077)^{.75} = 1283(1.0797)$

Aof = 1385 MCF/D

Note: Well blew dry gas. 190 MCF of gas vented to atmosphere.

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

TESTED BY L. Fothergill

WITNESSED BY G. Brink

Loren W Fothergill
Well Test Engineer