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 #8	
Location: 1150/S, 1150/E, Sec. 26, T28N, R9W		County: San Juan	State: New Mexico
Formation: Chacra		Pool: Harris Mesa Ext.	
Casing: Diameter: 2.875	Set At: Feet: 3304'	Tubing: Diameter: No Tubing	Set At: Feet: --
Pay Zone: From: 3120'	To: 3264'	Total Depth: PBTD: 3304' 3294'	Shut In: 3-26-75
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: 1041	+ 12 = PSIA: 1053	Days Shut-In: 8	Shut-In Pressure, Tubing PSIG: No Tubing	+ 12 = PSIA: --	
Flowing Pressure: P PSIG: 87	+ 12 = PSIA: 99		Working Pressure: P_w PSIG: Calculated	+ 12 = PSIA: 125	
Temperature: T= 64 °F Ft= 0.9962	n = .75		Fpv (From Tables): 1.009	Gravity: .650 Fg = 0.9608	

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

$Q = 12.365(99)(0.9962)(0.9608)(1.009) = 1182$ MCF/D

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

$Aof = Q \left(\frac{1108809}{1093184} \right)^n = 1182(1.0143)^{.75} = 1182(1.0107)$

Aof = 1195 MCF/D

Note: The well blew a dry gas flow. The gas vented was 187.44 MCF.

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

TESTED BY Fothergill

WITNESSED BY G. Brink

Loren W Fothergill
Well Test Engineer