## EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

## DATE November 19, 1975

Operator El Paso Natural Gas Company  Location 1650/N, 1650/E, Sec. 31, T31N, R8W  Formation Mesa Verde		Howell D #3 (OWWO)		
		County San Juan	State New Mexico	
		Pool Blanco		
Casing: Diameter	Set At: Feet 5878†	Tubing: Diameter	Set At: Feet 5770 t	
Pay Zone: From 5662	To 58331	Total Depth: PBTD 5879' 5862	Shut In	
Stimulation Method Sandwater Frac		Flow Through Casing	XX	

Chake Size, Inches 2.50" Plate, 4" M.R.	Choke Constant: C 32.64	Tested through a	3/4"		choke
Shut-In Pressure, Casing, PSIG	+ 12 = PSIA Days 462 8	Shut-In Shut-In Pressure, Tubing 283	PSIG	+ 12 = PSIA 295	<u></u> .
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: Pw	PSIG	+ 12 = PSIA 438	
45 M.R., 101 W.H.	57 M.R., 113	Fpv (From Tables)		Gravity 0.654	Fg = 1 237

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

MCF/D Q = Calculated from orifice meter readings = \_\_\_\_\_ 1165

OPEN FLOW = Aof = Q 
$$\begin{pmatrix} & & & \\ & \frac{p_c}{P_c} & \\ & P_c & P_w \end{pmatrix}$$

OIL CON. COM Aof =  $Q\left(\begin{array}{c} 213444 \\ 21600 \end{array}\right)$  = (1165)(9.8817)  $^{.75}$  = (1165)(5.5734)

\_\_MCF/D Aof =\_

The well produced 7.7 bbls. of Note:

API gravity oil during the test and 115.87 MCF of gas during the

DIST 3

test.

R. Hardy and J. Goodwin TESTED BY \_\_

WITNESSED BY\_\_\_