EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE <u>8-16-73</u>

| Coperator El Paso Natural Gas Company Location 1000/S, 890/E, Sec 19, T-26N, R-10W | | Huerfano Unit # 244 | |
|---|-----------------------|--------------------------------------|-----------------------|
| | | County San Juan | State New Mexico |
| Formation DAKOTA | | Pool BASIN | |
| Casing: Diameter 4 1/2" | Set At: Feet 6544* | Tubing: Diameter 2 3/8 ¹¹ | Set At: Feet 64901 |
| Pay Zone: From 6352 | T. 6496' | Total Depth: 6558 | Shut In 5-14-73 |
| Stimulation Method Sand Water Frac | | Flow Through Casing X | Flow Through Tubing |

| Choke Size, Inches 4" M.R.; 2.750" Plate 41.10 | | Tested through a 3/4" Variable choke. | |
|--|------------------------------------|---------------------------------------|---------------------------|
| | + 12 = PSIA Days Shut-I 1595 93 | Shut-In Pressure, Tubing PSIG 1295 | + 12 = PSIA 1307 |
| Flowing Pressure: P PSIG 181 M.R.; 242 W.H. | + 12 = PSIA 193 M.R.; 255 W.H. | Working Pressure: Pw PSIG | + 12 = PSIA 702 |
| Temperature: T= 77 °F Ft=0.9840 | n = | Fpv (From Tables) 1.021 | Gravity .710 Fg1=,1868 |

CHOKE VOLUME = Q = C x P, x F, x Fg x Fpv

OPEN FLOW = Aof = Q
$$\begin{pmatrix} 2 \\ P_c \\ P_c \\ P_c \\ P_w \end{pmatrix}$$

Aof =
$$Q\left(\frac{2544025}{2051221}\right)^n = (3571) (1.2402)^{.75} = (3571) (1.1752)$$

Note: The well produced \$9.90 DW.scorof 47.9 API Gravity Qil during the test.

TESTED BY H. E. McAnally and Carl Rhames

WITNESSED BY_____

Welliam Debelch