## EL PASO NATURAL GAS COMPANY

## OPEN FLOW TEST DATA

| Operator                           |              | Lease                   |       |                     |
|------------------------------------|--------------|-------------------------|-------|---------------------|
| El Paso Natural Gas Company        |              | San Juan 28-7 Unit #243 |       |                     |
| Location                           |              | County                  |       | State               |
| 1180/S, 1465/W, Sec. 31, T28N, R7W |              | Rio Arriba              |       | New Mexico          |
| Formation                          |              | Pool                    | ,     |                     |
| Dakota                             |              | Basin                   |       |                     |
| Casing: Diameter                   | Set At: Feet | Tubing: Diameter        |       | Set At: Feet        |
| 4,500                              | 7315'        | 1,900                   |       | 7229'               |
| Pay Zone: From                     | То           | Total Depth:            | PBTD  | Shut In             |
| 7000                               | 7225'        | 7315'                   | 7307' | 7-10-75             |
| Stimulation Method                 |              | Flow Through Cas        | ing   | Flow Through Tubing |
| Sandwater Frac                     |              | ∥ xx                    |       |                     |

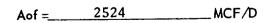
| Plate                                     | Plate<br>Gheke Constant: C | T                                  |                     |
|---|----------------------------|------------------------------------|---------------------|
| Choke Size, Inches  2.750' Plate, 4" M.R. | 41.10                      | Well tested through 3/4"           | variable choke      |
| Shut-In Pressure, Casing, PSIG            |                            | Shut-In Pressure, Tubing PSIG 2417 | + 12 = PSIA<br>2429 |
| 2417 Flowing Pressure: P PSIG             |                            |                                    | + 12 = PSIA         |
| 76 M.R. , 210 W.H.                        | 88 M.R. 222 W.H.           | 475 Fpv (From Tables)              | 487<br>Gravity      |
| Temperature:<br>T = 58 °F                 | 0.75                       | 1.007                              | .633 Fg=1.257       |

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

Q = Calculated from orifice meter readings = \_\_\_\_\_\_MCF/D

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

Aof = 
$$Q\left(\begin{array}{c} 5900041 \\ \hline 5662872 \end{array}\right)^n = (2447)(1.0419)^{-.75} = (2447)(1.0313)$$



Note: The well produced 8.24 Bbls.of water and 9.27 Bbls of 45.2° API gravity oil during the test. The well produced 437 MCF gas during the test.

TESTED BY \_\_\_\_\_ R. Hardy

WITNESSED BY\_\_\_\_\_