## EL PASO NATURAL GAS COMPANY



## OPEN FLOW TEST DATA

DATE 12/27/72

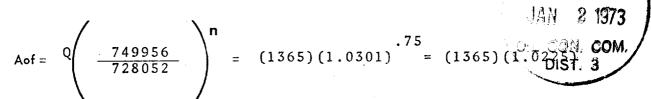
| Operator<br>EL PASO NA    | TURAL GAS COMPANY      | Johnston "A" #15           |                     |  |
|---------------------------|------------------------|----------------------------|---------------------|--|
| 1460/S, 800               | /E, Sec. 36, T26N, R6W | County<br>Rio Arriba       | State<br>NM         |  |
| Formation Chacra Eff      |                        | Pool<br>Otero              |                     |  |
| Casing: Diameter 2.875    | Set At: Feet 3639      | Tubing: Diameter No tubing | Set At: Feet        |  |
| Pay Zone: From 3488       | T• 3500                | Total Depth:<br>3639       | Shut In<br>12/18/72 |  |
| Stimulation Method<br>SWF |                        | Flow Through Casing        | Flow Through Tubing |  |

| Choke Size, Inches         |      | Choke Constant: C  |              |                                    |      |                    |
|----------------------------|------|--------------------|--------------|------------------------------------|------|--------------------|
| .750                       |      | 12.365             |              | Tubingless Completion              |      |                    |
| Shut-In Pressure, Casing,  | PSIG | + 12 = PSIA        | Days Shut-In | Shut-In Pressure, Tubing           | PSIG | + 12 = PSIA        |
| 854                        |      | 866                | <u> </u>     | No tubing                          |      |                    |
| Flowing Pressure: P<br>102 | PSIG | + 12 = PSIA<br>114 |              | Working Pressure: Pw<br>Calculated | PSIG | + 12 = PSIA<br>148 |
| Temperature:               |      | n =                |              | Fpv (From Tables)                  |      | Gravity            |
| T= 58 °F F+=               | 1.00 | b . 7              | 75           | 1.010                              |      | .655 Fg= .9571     |

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

$$Q = (12.365)(114)(1.002)(.9571)(1.010) = 1365$$
 MCF/D

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



Aof = 1396 MCF/D

NOTE: Well produced dry gas through-

out test.

TESTED BY \_\_\_\_\_\_ J. A. Jones

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

J. A. Jones
Well Test Engineer