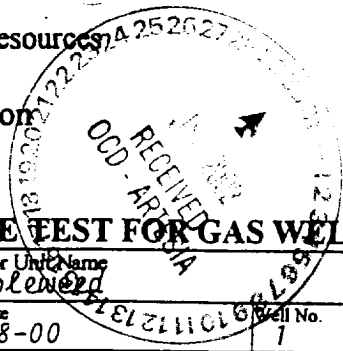


Submit in duplicate to  
appropriate district office.  
See Rule 401 & Rule 1122

State of New Mexico  
Energy Minerals and Natural Resources

Form C-122  
Revised October, 1999

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505



**MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

|                                                                                                                           |                    |                                    |                                 |                                                    |                                              |                                             |                           |                               |  |
|---------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------|---------------------------------|----------------------------------------------------|----------------------------------------------|---------------------------------------------|---------------------------|-------------------------------|--|
| Operator<br><b>Oxy U.S.A</b>                                                                                              |                    |                                    |                                 |                                                    | Lease or Unit Name<br><b>Ox 1 Tumbledown</b> |                                             |                           |                               |  |
| Type Test<br><input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special |                    |                                    |                                 |                                                    | Test Date<br><b>1-18-00</b>                  |                                             |                           |                               |  |
| Completion Date<br><b>12-16-99</b>                                                                                        |                    | Total Depth                        |                                 | Plug Back TD                                       |                                              | Elevation                                   |                           | Unit Ltr. - Sec. - TWP - Rge. |  |
| Csg. Size<br><b>4 1/2</b>                                                                                                 | Wt.<br><b>11.6</b> | d<br><b>4.000</b>                  | Set At                          | Perforations:<br>From: <b>6570</b> To: <b>6680</b> |                                              |                                             |                           | County<br><b>Eddy</b>         |  |
| Thg. Size<br><b>2 3/8</b>                                                                                                 | Wt.<br><b>4.7</b>  | d<br><b>1.995</b>                  | Set At<br><b>6473</b>           | Perforations:<br>From: To:                         |                                              |                                             |                           | Pool                          |  |
| Type Well - Single - Bradenhead - G.G. or G.O. Multiple<br><b>Single</b>                                                  |                    |                                    |                                 |                                                    | Packer Set At<br><b>6473</b>                 |                                             | Formation                 |                               |  |
| Producing Thru<br><b>Tbg</b>                                                                                              |                    | Reservoir Temp. °F<br><b>121.8</b> |                                 | Mean Annual Temp. °F<br><b>60</b>                  |                                              | Baro. Press - P <sub>s</sub><br><b>13.2</b> |                           | Connection<br><b>Sales</b>    |  |
| L<br><b>6484</b>                                                                                                          | H<br><b>6484</b>   | Gg<br><b>.695</b>                  | P <sub>CO2</sub><br><b>.178</b> | P <sub>N2</sub><br><b>1.487</b>                    | P <sub>H2S</sub><br><b>0</b>                 | Prover<br><b>0</b>                          | Meter Run<br><b>2.067</b> | Taps<br><b>F/G</b>            |  |

| FLOW DATA |                        |          |                 |                    |                         | TUBING DATA |                    | CASING DATA |                    | Duration<br>Of<br>Flow |               |
|-----------|------------------------|----------|-----------------|--------------------|-------------------------|-------------|--------------------|-------------|--------------------|------------------------|---------------|
| No.       | Prover<br>Line<br>Size | X        | Orifice<br>Size | Press.<br>p.s.i.g. | Diff.<br>h <sub>w</sub> | Temp.<br>°F | Press.<br>p.s.i.g. | Temp.<br>°F | Press.<br>p.s.i.g. |                        | Temp.<br>°F   |
| SI        |                        |          |                 |                    |                         |             | <b>898</b>         | <b>N/A</b>  | <b>PKR</b>         | <b>N/A</b>             |               |
| 1.        | <b>2.067</b>           | <b>X</b> |                 | <b>297</b>         | <b>87"</b>              | <b>62°</b>  | <b>742</b>         |             |                    |                        | <b>24 hrs</b> |
| 2.        |                        |          |                 |                    |                         |             |                    |             |                    |                        |               |
| 3.        |                        |          |                 |                    |                         |             |                    |             |                    |                        |               |
| 4.        |                        |          |                 |                    |                         |             |                    |             |                    |                        |               |
| 5.        |                        |          |                 |                    |                         |             |                    |             |                    |                        |               |

| RATE OF FLOW CALCULATIONS |                                        |                  |                            |                          |                                  |                                            |                         |
|---------------------------|----------------------------------------|------------------|----------------------------|--------------------------|----------------------------------|--------------------------------------------|-------------------------|
| No.                       | COEFFICIENT<br>(24 HOUR)               | $\sqrt{h_w P_m}$ | Pressure<br>P <sub>m</sub> | Flow Temp.<br>Factor Ft. | Gravity Factor<br>F <sub>g</sub> | Super Compress.<br>Factor, F <sub>pv</sub> | Rate of Flow<br>Q, Mcfd |
| 1.                        |                                        |                  |                            |                          |                                  |                                            | <b>219</b>              |
| 2.                        |                                        |                  |                            |                          |                                  |                                            |                         |
| 3.                        | <b>GAS VOLUMES BY TOTAL FLOW METER</b> |                  |                            |                          |                                  |                                            |                         |
| 4.                        |                                        |                  |                            |                          |                                  |                                            |                         |
| 5.                        |                                        |                  |                            |                          |                                  |                                            |                         |

| No. | P <sub>r</sub>    | Temp. °R | T <sub>r</sub> | Z | Gas Liquid Hydrocarbon Ratio               | Mcf/bbl.          |
|-----|-------------------|----------|----------------|---|--------------------------------------------|-------------------|
| 1.  |                   |          |                |   | <b>N/A</b>                                 |                   |
| 2.  |                   |          |                |   | <b>N/A</b>                                 |                   |
| 3.  | <b>TOTAL FLOW</b> |          |                |   | Specific Gravity Separator Gas <b>.695</b> | <b>XXXXXXXXXX</b> |
| 4.  |                   |          |                |   | Specific Gravity Flowing Fluid <b>N/A</b>  | <b>XXXXXX</b>     |
| 5.  |                   |          |                |   | Critical Pressure <b>675</b> P.S.I.A.      | <b>P.S.I.A.</b>   |
|     |                   |          |                |   | Critical Temperature <b>383</b> R.         | <b>R</b>          |

| No. | P <sub>r</sub> <sup>2</sup> | P <sub>w</sub> | P <sub>w</sub> <sup>2</sup> | P <sub>r</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> |
|-----|-----------------------------|----------------|-----------------------------|-----------------------------------------------------------|
| 1.  |                             | <b>774.6</b>   | <b>600.0</b>                | <b>230.8</b>                                              |
| 2.  |                             |                |                             |                                                           |
| 3.  |                             |                |                             |                                                           |
| 4.  |                             |                |                             |                                                           |
| 5.  |                             |                |                             |                                                           |

(1)  $P_{r2} = 3.6$       (2)  $\left[ \frac{P_{r2}^2}{P_{r1}^2 - P_{w1}^2} \right] = 3.6$

AOF = Q  $\left[ \frac{P_{r2}^2}{P_{r1}^2 - P_{w1}^2} \right] = 788.4$

|                                 |                |                              |                        |
|---------------------------------|----------------|------------------------------|------------------------|
| Absolute Open Flow <b>788.4</b> | Mcf/d @ 15.025 | Angle of Slope θ: <b>45°</b> | Slope, n: <b>1.000</b> |
|---------------------------------|----------------|------------------------------|------------------------|

Remarks: **\* CALCULATED FROM KNOWN BOTTOM HOLE PRESSURE**  
**\* NO LIQUID MADE DURING TEST**

|                      |                                          |                               |                           |
|----------------------|------------------------------------------|-------------------------------|---------------------------|
| Approved By Division | Conducted By:<br><b>Pro Well Testing</b> | Calculated By:<br><b>M.B.</b> | Checked By:<br><b>B/M</b> |
|----------------------|------------------------------------------|-------------------------------|---------------------------|