

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|                                                   |                  |                  |                              |                                  |                              |                      |                       |  |
|---------------------------------------------------|------------------|------------------|------------------------------|----------------------------------|------------------------------|----------------------|-----------------------|--|
| Operator<br><b>Socony Mobil Oil Company, Inc.</b> |                  |                  |                              | Lease<br><b>E. O. Carson</b>     |                              |                      | Well<br>No. <b>22</b> |  |
| Location<br>of Well                               |                  | Unit<br><b>/</b> | Sec<br><b>28</b>             | Twp<br><b>215</b>                | Rge<br><b>37 E</b>           | County<br><b>Lea</b> |                       |  |
| Name of Reservoir or Pool                         |                  |                  | Type of Prod<br>(Oil or Gas) | Method of Prod<br>Flow, Art Lift | Prod. Medium<br>(Tbg or Csg) | Choke Size           |                       |  |
| Upper<br>Compl                                    | <b>Paddock</b>   |                  | <b>Oil</b>                   | <b>Pump</b>                      | <b>Tbg.</b>                  | <b>2"</b>            |                       |  |
| Lower<br>Compl                                    | <b>Wantz Abo</b> |                  | <b>Oil</b>                   | <b>Pump</b>                      | <b>Tbg.</b>                  | <b>2"</b>            |                       |  |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:00 A.M. 4-30-62

|                                                                                                   | Upper<br>Completion                        | Lower<br>Completion |
|---------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|
| Well opened at (hour, date): <u>10:00 A.M. 5-1-62</u>                                             |                                            |                     |
| Indicate by ( X ) the zone producing.....                                                         |                                            | <b>X</b>            |
| Pressure at beginning of test.....                                                                | <b>139</b>                                 | <b>934</b>          |
| Stabilized? (Yes or No).....                                                                      | <b>Yes</b>                                 | <b>Yes</b>          |
| Maximum pressure during test.....                                                                 | <b>143</b>                                 | <b>24</b>           |
| Minimum pressure during test.....                                                                 | <b>139</b>                                 | <b>22</b>           |
| Pressure at conclusion of test.....                                                               | <b>143</b>                                 | <b>24</b>           |
| Pressure change during test (Maximum minus Minimum).....                                          | <b>4</b>                                   | <b>2</b>            |
| Was pressure change an increase or a decrease?.....                                               | <b>Increase</b>                            | <b>Decrease</b>     |
| Well closed at (hour, date): <u>10:00 A.M. 5-2-62</u>                                             | Total Time On<br>Production <b>24 hrs.</b> |                     |
| Oil Production                                                                                    | Gas Production                             |                     |
| During Test: <u>20</u> bbls; Grav. <u>38.3 @ 60°</u> ; During Test <u>86</u> MCF; GOR <u>4300</u> |                                            |                     |
| Remarks <u>Produced 2 P.F.W.</u>                                                                  |                                            |                     |

FLOW TEST NO. 2

|                                                                                                   | Upper<br>Completion                       | Lower<br>Completion |
|---------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------|
| Well opened at (hour, date): <u>10:00 A.M. 5-3-62</u>                                             |                                           |                     |
| Indicate by ( X ) the zone producing.....                                                         | <b>X</b>                                  |                     |
| Pressure at beginning of test.....                                                                | <b>120</b>                                | <b>939</b>          |
| Stabilized? (Yes or No).....                                                                      | <b>Yes</b>                                | <b>Yes</b>          |
| Maximum pressure during test.....                                                                 | <b>201</b>                                | <b>952</b>          |
| Minimum pressure during test.....                                                                 | <b>23</b>                                 | <b>939</b>          |
| Pressure at conclusion of test.....                                                               | <b>201</b>                                | <b>952</b>          |
| Pressure change during test (Maximum minus Minimum).....                                          | <b>178</b>                                | <b>13</b>           |
| Was pressure change an increase or a decrease?.....                                               | <b>Decrease</b>                           | <b>Increase</b>     |
| Well closed at (hour, date): <u>3:00 P.M. 5-3-62</u>                                              | Total time on<br>Production <b>5 hrs.</b> |                     |
| Oil Production                                                                                    | Gas Production                            |                     |
| During Test: <u>10</u> bbls; Grav. <u>36.5 @ 60°</u> ; During Test <u>11</u> MCF; GOR <u>1100</u> |                                           |                     |
| Remarks <u>Produced 4 B.F.W.</u>                                                                  |                                           |                     |

Chart dated 5-2-62. Small leak in stuffing box on upper zone (Red).

I hereby certify that the information herein contained is true and complete to the best of my knowledge.

Approved \_\_\_\_\_ 19\_\_\_\_\_  
New Mexico Oil Conservation Commission

Operator **Socony Mobil Oil Company, Inc.**

By A. M. Joiner

By \_\_\_\_\_

Title **Production Assistant**

Title \_\_\_\_\_

Date **5-8-62**

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