

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|                                         |                                |                 |                                       |                                  |                              |               |
|-----------------------------------------|--------------------------------|-----------------|---------------------------------------|----------------------------------|------------------------------|---------------|
| Operator<br><b>Gulf Oil Corporation</b> |                                |                 | Lease<br><b>Lea State "R" (NCT-A)</b> |                                  | Well<br>No. <b>1</b>         |               |
| Location<br>of Well                     | Unit<br><b>A</b>               | Sec<br><b>2</b> | Twp<br><b>16S</b>                     | Rge<br><b>32E</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>Anderson Ranch Wolfcamp</b> |                 | <b>Oil</b>                            | <b>Flow</b>                      | <b>Tbg.</b>                  | <b>16/64"</b> |
| Lower<br>Compl                          | <b>Anderson Ranch Devonian</b> |                 | <b>Oil</b>                            | <b>Kobe Pump</b>                 | <b>Csg.</b>                  | <b>2" WO</b>  |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 10:30 a.m., 5-6-63

|                                                                     |                                                                |                     |
|---------------------------------------------------------------------|----------------------------------------------------------------|---------------------|
| Well opened at (hour, date): <u>10:30 a.m., 5-7-63</u>              | Upper<br>Completion                                            | Lower<br>Completion |
| Indicate by ( X ) the zone producing.....                           | <u>X</u>                                                       |                     |
| Pressure at beginning of test.....                                  | <u>973</u>                                                     | <u>10</u>           |
| Stabilized? (Yes or No).....                                        | <u>Yes</u>                                                     | <u>Yes</u>          |
| Maximum pressure during test.....                                   | <u>579</u>                                                     | <u>15</u>           |
| Minimum pressure during test.....                                   | <u>245</u>                                                     | <u>15</u>           |
| Pressure at conclusion of test.....                                 | <u>579</u>                                                     | <u>15</u>           |
| Pressure change during test (Maximum minus Minimum).....            | <u>334</u>                                                     | <u>5</u>            |
| Was pressure change an increase or a decrease?.....                 | <u>Deccr.</u>                                                  | <u>Incr.</u>        |
| Well closed at (hour, date): <u>10:30 a.m., 5-8-63</u>              | Total Time On<br>Production <u>24 hrs</u>                      |                     |
| Oil Production<br>During Test: <u>231</u> bbls; Grav. <u>40.2</u> ; | Gas Production<br>During Test <u>166.0</u> MCF; GOR <u>719</u> |                     |

Remarks \_\_\_\_\_

FLOW TEST NO. 2

|                                                                    |                                                                |                     |
|--------------------------------------------------------------------|----------------------------------------------------------------|---------------------|
| Well opened at (hour, date): <u>10:30 a.m., 5-9-63</u>             | Upper<br>Completion                                            | Lower<br>Completion |
| Indicate by ( X ) the zone producing.....                          |                                                                | <u>X</u>            |
| Pressure at beginning of test.....                                 | <u>939</u>                                                     | <u>20</u>           |
| Stabilized? (Yes or No).....                                       | <u>Yes</u>                                                     | <u>Yes</u>          |
| Maximum pressure during test.....                                  | <u>960</u>                                                     | <u>75</u>           |
| Minimum pressure during test.....                                  | <u>939</u>                                                     | <u>22</u>           |
| Pressure at conclusion of test.....                                | <u>960</u>                                                     | <u>56</u>           |
| Pressure change during test (Maximum minus Minimum).....           | <u>21</u>                                                      | <u>53</u>           |
| Was pressure change an increase or a decrease?.....                | <u>Incr.</u>                                                   | <u>deccr.</u>       |
| Well closed at (hour, date): <u>10:30 a.m., 5-10-63</u>            | Total time on<br>Production <u>24 hrs</u>                      |                     |
| Oil Production<br>During Test: <u>82</u> bbls; Grav. <u>49.5</u> ; | Gas Production<br>During Test <u>88.0</u> MCF; GOR <u>1085</u> |                     |

Remarks \_\_\_\_\_

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

|                                                                  |                                      |
|------------------------------------------------------------------|--------------------------------------|
| Approved _____ 19_____<br>New Mexico Oil Conservation Commission | Operator <u>GULF OIL CORPORATION</u> |
| By _____                                                         | By <u>RAYMOND WATSON</u>             |
| Title _____                                                      | Title <u>WELL TESTER</u>             |
|                                                                  | Date <u>5-13-63</u>                  |

