

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|  |                           |                  |                              |                                  |                              |                       |  |
|--|---------------------------|------------------|------------------------------|----------------------------------|------------------------------|-----------------------|--|
| Operator<br><b>Continental Oil Company</b> |                           |                  | Lease<br><b>Baish A</b>      |                                  |                              | Well<br>No. <b>13</b> |  |
| Location<br>of Well                        | Unit<br><b>E</b>          | Sec<br><b>22</b> | Twp<br><b>17</b>             | Rge<br><b>32</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>Maljamar Abe</b>       |                  | <b>Oil</b>                   | <b>F</b>                         | <b>Tbg.</b>                  | <b>19/64</b>          |  |
| Lower<br>Compl                             | <b>Baish Wolfcamp</b>     |                  | <b>Oil</b>                   | <b>F</b>                         | <b>Tbg.</b>                  | <b>20/64</b>          |  |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): **8:00 A.M., 5-20-68**

|  |                     |                     |
|--|---------------------|---------------------|
| Well opened at (hour, date): <b>8:00 A.M., 5-21-68</b>   | Upper<br>Completion | Lower<br>Completion |
| Indicate by ( X ) the zone producing.....                |                     | <b>X</b>            |
| Pressure at beginning of test.....                       | <b>720</b>          | <b>345</b>          |
| Stabilized? (Yes or No).....                             | <b>No</b>           | <b>No</b>           |
| Maximum pressure during test.....                        | <b>875</b>          | <b>345</b>          |
| Minimum pressure during test.....                        | <b>720</b>          | <b>0</b>            |
| Pressure at conclusion of test.....                      | <b>875</b>          | <b>0</b>            |
| Pressure change during test (Maximum minus Minimum)..... | <b>155</b>          | <b>345</b>          |
| Was pressure change an increase or a decrease?.....      | <b>Increase</b>     | <b>Decrease</b>     |

Well closed at (hour, date): **8:00 A.M., 5-22-68** Total Time On Production **24 hours**

Oil Production \_\_\_\_\_ Gas Production \_\_\_\_\_

During Test: **0** bbls; Grav. **-**; During Test **-** MCF; GOR **-**

Remarks **Lower zone died did not produce.**

FLOW TEST NO. 2

|  |                     |                     |
|--|---------------------|---------------------|
| Well opened at (hour, date): <b>8:00 A.M., 5-23-68</b>   | Upper<br>Completion | Lower<br>Completion |
| Indicate by ( X ) the zone producing.....                | <b>X</b>            |                     |
| Pressure at beginning of test.....                       | <b>1140</b>         | <b>35</b>           |
| Stabilized? (Yes or No).....                             | <b>No</b>           | <b>No</b>           |
| Maximum pressure during test.....                        | <b>1140</b>         | <b>62</b>           |
| Minimum pressure during test.....                        | <b>250</b>          | <b>35</b>           |
| Pressure at conclusion of test.....                      | <b>250</b>          | <b>62</b>           |
| Pressure change during test (Maximum minus Minimum)..... | <b>890</b>          | <b>27</b>           |
| Was pressure change an increase or a decrease?.....      | <b>Decrease</b>     | <b>Increase</b>     |

Well closed at (hour, date) **8:00 A.M., 5-24-68** Total time on Production **24 hours**

Oil Production \_\_\_\_\_ Gas Production \_\_\_\_\_

During Test: **106** bbls; Grav. **42**; During Test **290.0** MCF; GOR **2,735**

Remarks **Lower zone built slowly while flowing upper zone; however, there was no evidence of communication during test.**

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

Approved **JUN 8 1968** 19 \_\_\_\_\_ By \_\_\_\_\_

New Mexico Oil Conservation Commission

By **JESSE D. STORTS** Title **Supervising Engineer**

Date **May 31, 1968**

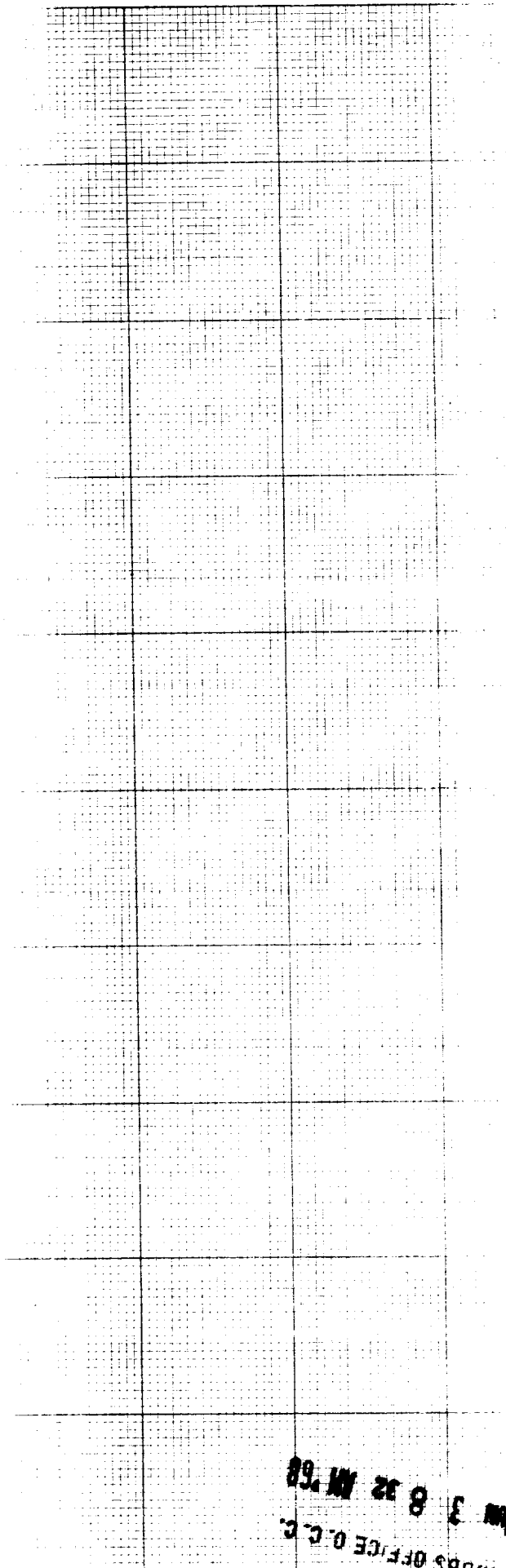
NEW MEXICO PACKER LEAKAGE TEST INSTRUCTIONS

Test shall be commenced on multiple completion wells after actual completion of the well and approved by the order authorizing the multiple completion. Tests shall be commenced on all multiple completions within seven days of completion and/or chemical or fracture treatment, and shall be conducted on a well during which the packer or seal is installed. Tests shall also be taken at any time that is requested or when requested by the Commission.

Prior to the commencement of any packer leakage test, the Commission in writing of the exact time the test shall be conducted. Offset operators shall also be so notified.

Large test shall commence when both zones of the dual completion are shut-in for pressure stabilization. Both zones shall be shut-in until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that they need not remain shut-in for more than 24 hours.

Small test shall commence when one zone of the dual completion shall be produced and the other zone remains shut-in. Shut-in shall be maintained until the flowing wellhead pressure has become stabilized and for a minimum of two hours thereafter, provided however, that they need not continue for more than 24 hours.



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HUBBS OFFICE O.C.C.