

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|                                                  |                     |                  |                              |                                  |                              |                      |  |
|--------------------------------------------------|---------------------|------------------|------------------------------|----------------------------------|------------------------------|----------------------|--|
| Operator<br><b>The Atlantic Refining Company</b> |                     |                  | Lease<br><b>State X</b>      |                                  |                              | Well<br>No. <b>4</b> |  |
| Location<br>of Well                              | Unit<br><b>A</b>    | Sec<br><b>25</b> | Twp<br><b>25-S</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>McKen</b>        |                  | <b>Oil</b>                   | <b>Art. Lift</b>                 | <b>Tbg.</b>                  | <b>-</b>             |  |
| Lower<br>Compl                                   | <b>Killenburger</b> |                  | <b>Oil</b>                   | <b>Flow</b>                      | <b>Tbg.</b>                  | <b>30/64</b>         |  |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 8:00 A. M. (MST) 4-17-61

|                                                                                             | Upper<br>Completion                        | Lower<br>Completion |
|---------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|
| Well opened at (hour, date): <u>9:00 A. M. 4-18-61</u>                                      |                                            |                     |
| Indicate by ( X ) the zone producing.....                                                   | <u>X</u>                                   |                     |
| Pressure at beginning of test.....                                                          | <u>169</u>                                 | <u>683</u>          |
| Stabilized? (Yes or No).....                                                                | <u>Yes</u>                                 | <u>No</u>           |
| Maximum pressure during test.....                                                           | <u>362</u>                                 | <u>876</u>          |
| Minimum pressure during test.....                                                           | <u>169</u>                                 | <u>683</u>          |
| Pressure at conclusion of test.....                                                         | <u>362</u>                                 | <u>876</u>          |
| Pressure change during test (Maximum minus Minimum).....                                    | <u>193</u>                                 | <u>193</u>          |
| Was pressure change an increase or a decrease?.....                                         | <u>Increase</u>                            | <u>Increase</u>     |
| Well closed at (hour, date): <u>8:00 A. M. 4-19-61</u>                                      | Total Time On<br>Production <u>23 hrs.</u> |                     |
| Oil Production                                                                              | Gas Production                             |                     |
| During Test: <u>45</u> bbls; Grav. <u>37.4</u> ; During Test <u>87</u> MCF; GOR <u>1933</u> |                                            |                     |
| Remarks _____                                                                               |                                            |                     |

FLOW TEST NO. 2

|                                                                                             | Upper<br>Completion                        | Lower<br>Completion |
|---------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|
| Well opened at (hour, date): <u>8:00 A. M. 4-20-61</u>                                      |                                            |                     |
| Indicate by ( X ) the zone producing.....                                                   |                                            | <u>X</u>            |
| Pressure at beginning of test.....                                                          | <u>542</u>                                 | <u>878</u>          |
| Stabilized? (Yes or No).....                                                                | <u>No</u>                                  | <u>Yes</u>          |
| Maximum pressure during test.....                                                           | <u>590</u>                                 | <u>878</u>          |
| Minimum pressure during test.....                                                           | <u>542</u>                                 | <u>0</u>            |
| Pressure at conclusion of test.....                                                         | <u>590</u>                                 | <u>20</u>           |
| Pressure change during test (Maximum minus Minimum).....                                    | <u>48</u>                                  | <u>878</u>          |
| Was pressure change an increase or a decrease?.....                                         | <u>Increase</u>                            | <u>Decrease</u>     |
| Well closed at (hour, date): <u>8:00 A. M. 4-21-61</u>                                      | Total time on<br>Production <u>24 hrs.</u> |                     |
| Oil Production                                                                              | Gas Production                             |                     |
| During Test: <u>43</u> bbls; Grav. <u>39.8</u> ; During Test <u>44</u> MCF; GOR <u>1023</u> |                                            |                     |
| Remarks _____                                                                               |                                            |                     |

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 The Atlantic Refining Company

By N. A. Carr

By \_\_\_\_\_  
Title \_\_\_\_\_

Title District Superintendent

Date \_\_\_\_\_

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one of the dual conditions that be produced on the other zone remains shut in. So the existing editorial press in has become if two hours thereafter, provided however, article for more than 24 hours.

5. The results of the above-described tests shall be reported in writing within 15 days after completion of the tests to the District Office of the New Mexico Department of Conservation, Commission on Southeast New Mexico Parks, Leasing, Inspection and Reclamation, together with the original pressure readings and the original pressure headweight pressures which were taken during the tests. The report shall include a filing of the aforesaid chart for the pressure headweight test and the pressure time curve for each zone of each test. Individual test results and pressure changes which may be reflected on the graph shall be noted on the pressure headweight pressure readings and the time taken for the test. The original chart and the original pressure readings shall be permanently filed in the District Office. Form C-116 shall also accompany the rubber leakage test form when the test period coincides with any test.

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