

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|  |                  |                  |                                   |                                  |                              |                      |  |  |
|--|------------------|------------------|-----------------------------------|----------------------------------|------------------------------|----------------------|--|--|
| Operator<br><b>The Atlantic Refining Company</b> |                  |                  | Lease<br><b>Langlie Federal A</b> |                                  |                              | Well No.<br><b>1</b> |  |  |
| Location<br>Well                                 | Unit<br><b>1</b> | Sec<br><b>14</b> | Twsp<br><b>25-S</b>               | Rge<br><b>37-E</b>               | County<br><b>1 4</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           |  |  |
| er<br>pl<br>er<br>pl<br><b>Blinkey</b>           |                  |                  | <b>Oil</b>                        | <b>Flow</b>                      | <b>Tbg.</b>                  | <b>16/64</b>         |  |  |
| <b>Tubb-Drinkard</b>                             |                  |                  | <b>Oil</b>                        | <b>Flow</b>                      | <b>Tbg.</b>                  | <b>20/64</b>         |  |  |

FLOW TEST NO. 1

h zones shut-in at (hour, date): 8:00 AM (MST) 1-23-61

Well opened at (hour, date): 8:00 AM 1-24-61

|  | Upper Completion                        | Lower Completion |
|--|---|------------------|
| Indicate by ( X ) the zone producing.....                                | <u>X</u>                                |                  |
| Pressure at beginning of test.....                                       | <u>610</u>                              | <u>850</u>       |
| Stabilized? (Yes or No).....   | <u>Yes</u>                              | <u>No</u>        |
| Maximum pressure during test.....  | <u>740</u>                              | <u>938</u>       |
| Minimum pressure during test.....  | <u>80</u>                               | <u>850</u>       |
| Pressure at conclusion of test.....                                      | <u>370</u>                              | <u>938</u>       |
| Pressure change during test (Maximum minus Minimum).....                 | <u>660</u>                              | <u>88</u>        |
| Was pressure change an increase or a decrease?.....                      | <u>Decrease</u>                         | <u>Increase</u>  |
| Well closed at (hour, date): <u>8:00 AM 1-25-61</u>                      | Total Time On Production <u>24 hrs.</u> |                  |
| Oil Production <u>113</u> bbls; Grav. <u>35</u> ; During Test <u>187</u> | MCF; GOR <u>1655</u>                    |                  |

Remarks \_\_\_\_\_

FLOW TEST NO. 2

|  | Upper Completion                        | Lower Completion |
|--|---|------------------|
| Well opened at (hour, date): <u>8:00 AM 1-26-61</u>                    |   | <u>X</u>         |
| Indicate by ( X ) the zone producing.....                              |   |                  |
| Pressure at beginning of test.....                                     | <u>590</u>                              | <u>962</u>       |
| Stabilized? (Yes or No).....   | <u>No</u>                               | <u>No</u>        |
| Maximum pressure during test.....                                      | <u>611</u>                              | <u>962</u>       |
| Minimum pressure during test.....                                      | <u>590</u>                              | <u>20</u>        |
| Pressure at conclusion of test.....                                    | <u>611</u>                              | <u>20</u>        |
| Pressure change during test (Maximum minus Minimum).....               | <u>21</u>                               | <u>962</u>       |
| Was pressure change an increase or a decrease?.....                    | <u>Increase</u>                         | <u>Decrease</u>  |
| Well closed at (hour, date): <u>8:00 AM 1-27-61</u>                    | Total time on Production <u>24 hrs.</u> |                  |
| Oil Production <u>16</u> bbls; Grav. <u>35</u> ; During Test <u>37</u> | MCF; GOR <u>2313</u>                    |                  |

Remarks \_\_\_\_\_

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

Approved \_\_\_\_\_ 19 61  
New Mexico Oil Conservation Commission

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

Operator The Atlantic Refining Company

By H. A. Carr

Title District Superintendent

Date January 30, 1961

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- ion of F- Test No. 1, the well shall again be shut in Paragraph 3 above.

[illegible]

7. A. Asures, throughout the entire test, shall be continuously measured and recorded with recording pressure gauges, the accuracy of which must be checked with a deadweight tester at least twice, once at the beginning and once at the end, of each flow test.

1-8. The results of the above-described tests shall be filed in triplicate within 48 days after completion of the test. Tests shall be filed with the appropriate District Office of the New Mexico Oil Conservation Commission at Southeast New Mexico Packer Leakage Test Form 11-158, together with the original pressure recording gauge charts with all the deadweight pressures which were taken indicated thereon. In lieu of the filling pressure charts the operator may construct a pressure versus time of test chart for each test, indicating thereon all pressure changes that may be reflected by the gauge charts as well as all deadweight pressure readings which were taken. If the pressure curve is submitted the original chart must be permanently filed in the operator's office. The original chart must also accompany the Packer Leakage Test Form when the test period coincides with a gas-oil ratio test period.

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