

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|                                               |                           |                  |                              |                                  |                              |                      |  |
|-----------------------------------------------|---------------------------|------------------|------------------------------|----------------------------------|------------------------------|----------------------|--|
| Operator<br><b>Westates Petroleum Company</b> |                           |                  | Lease<br><b>Carlson B-26</b> |                                  |                              | Well<br>No. <b>7</b> |  |
| Location<br>of Well                           | Unit<br><b>8</b>          | Sec<br><b>26</b> | Twp<br><b>25</b>             | Rge<br><b>37</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>Tubing</b>                | <b>-----</b>         |  |
| Lower<br>Compl                                | <b>Ministry</b>           |                  | <b>Oil</b>                   | <b>Pump</b>                      | <b>Tubing</b>                |                      |  |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 1400; 2-23-1961

|                                                                  |                                                                           |                     |
|------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------|
| Well opened at (hour, date): <u>1400; 2-24-1961</u>              | Upper<br>Completion                                                       | Lower<br>Completion |
| Indicate by ( X ) the zone producing.....                        | <u>X</u>                                                                  |                     |
| Pressure at beginning of test.....                               | <u>87</u>                                                                 | <u>400</u>          |
| Stabilized? (Yes or No).....                                     | <u>Yes</u>                                                                | <u>yes</u>          |
| Maximum pressure during test.....                                | <u>87</u>                                                                 | <u>400</u>          |
| Minimum pressure during test.....                                | <u>23</u>                                                                 | <u>400</u>          |
| Pressure at conclusion of test.....                              | <u>23</u>                                                                 | <u>400</u>          |
| Pressure change during test (Maximum minus Minimum).....         | <u>- 64</u>                                                               | <u>None</u>         |
| Was pressure change an increase or a decrease?.....              | <u>Decrease</u>                                                           | <u>Neither</u>      |
| Well closed at (hour, date): <u>2-25-1961; 1400</u>              | Total Time On<br>Production <u>24 Hours</u>                               |                     |
| Oil Production<br>During Test: <u>98</u> bbls; Grav. <u>38.5</u> | Gas Production<br>During Test: <u>80.1</u> MCF; GOR <u>1381 Cu ft/bbl</u> |                     |
| Remarks <u>Paddock zone made 95 bbls. water during test.</u>     |                                                                           |                     |

FLOW TEST NO. 2

|                                                                                                                                                                     |                                                                           |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------|
| Well opened at (hour, date): <u>1400; 2-26-1961</u>                                                                                                                 | Upper<br>Completion                                                       | Lower<br>Completion |
| Indicate by ( X ) the zone producing.....                                                                                                                           |                                                                           | <u>X</u>            |
| Pressure at beginning of test.....                                                                                                                                  | <u>412</u>                                                                | <u>327</u>          |
| Stabilized? (Yes or No).....                                                                                                                                        | <u>No</u>                                                                 | <u>Yes</u>          |
| Maximum pressure during test.....                                                                                                                                   | <u>412</u>                                                                | <u>327</u>          |
| Minimum pressure during test.....                                                                                                                                   | <u>354</u>                                                                | <u>27</u>           |
| Pressure at conclusion of test.....                                                                                                                                 | <u>354</u>                                                                | <u>27</u>           |
| Pressure change during test (Maximum minus Minimum).....                                                                                                            | <u>- 58</u>                                                               | <u>- 300</u>        |
| Was pressure change an increase or a decrease?.....                                                                                                                 | <u>Decrease</u>                                                           | <u>Decrease</u>     |
| Well closed at (hour, date): <u>1400; 2-27-1961</u>                                                                                                                 | Total time on<br>Production <u>24 Hours</u>                               |                     |
| Oil Production<br>During Test: <u>32</u> bbls; Grav. <u>38.2</u>                                                                                                    | Gas Production<br>During Test: <u>75.0</u> MCF; GOR <u>1442 Cu ft/bbl</u> |                     |
| Remarks <u>* Pressure decrease on upper completion (Paddock) was due to logging off after reaching a maximum of 470 Psi in 7 1/2 hours due to zone makes water.</u> |                                                                           |                     |

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 Westates Petroleum Company

By L.E. Chaffin

Title Production Supt.

Date 2-28-1961

A packer leakage test shall be conducted on a well within seven days of completion of the well and thereafter as prescribed by the order authorizing the well. The test shall be conducted within ten days following recompletion and/or cementation or fracture treatment, and whenever remedial work has been done on a well during which the packer or the tubing have been disturbed. Tests shall also be taken at any time that communication is suspected or when required by the Commission.

1. At least 75 hours prior to the commencement of the test, the operator shall notify the Commission in writing of the exact time the test is to be commenced. Offset operators shall also be notified.

2. The packer leakage test shall commence at a wellhead pressure of at least 100 psi above the zone to be tested. The zone shall remain shut-in until the wellhead pressure has stabilized at a minimum of 100 psi above the zone to be tested, provided the wellhead pressure need not be maintained for more than 24 hours.

3. For Flow Test No. 1, the zone of the well shall be shut-in at the normal rate of production, which shall be maintained until the test shall be conducted. The flow test shall be conducted at a pressure of at least 100 psi above the zone to be tested and shall be maintained for a minimum of 24 hours. The test shall be conducted at a pressure of at least 100 psi above the zone to be tested and shall be maintained for a minimum of 24 hours.

4. All pressures throughout the entire test shall be recorded at least every 15 minutes. The test shall be conducted at a pressure of at least 100 psi above the zone to be tested and shall be maintained for a minimum of 24 hours. The test shall be conducted at a pressure of at least 100 psi above the zone to be tested and shall be maintained for a minimum of 24 hours.

5. The test shall be conducted at a pressure of at least 100 psi above the zone to be tested and shall be maintained for a minimum of 24 hours. The test shall be conducted at a pressure of at least 100 psi above the zone to be tested and shall be maintained for a minimum of 24 hours. The test shall be conducted at a pressure of at least 100 psi above the zone to be tested and shall be maintained for a minimum of 24 hours.

| Well No. |  | Date |  | Operator |  | Test No. |  | Pressure (psi) |  | Time (hours) |  | Remarks |  |
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