

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|                                              |                           |           |                              |                                  |                              |               |            |  |
|----------------------------------------------|---------------------------|-----------|------------------------------|----------------------------------|------------------------------|---------------|------------|--|
| Operator<br>Sunray Mid-Continent Oil Company |                           |           | Lease<br>State Land #154111  |                                  |                              | Well<br>No. 3 |            |  |
| Location of Well                             | Unit<br>0                 | Sec<br>16 | Twp<br>21S                   | Rge<br>37E                       | County<br>Lea                |               |            |  |
|                                              | 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 Compl                                  | B linebry                 |           | Oil                          | Flow                             | Tubing                       |               | 23/64      |  |
| Lower Compl                                  | Drinkard                  |           | Oil                          | Flow                             | Tubing                       |               | 23/64      |  |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:45 A.M. 2/12/61

Well opened at (hour, date): 10:15 A.M. 2/13/61

|                                                          | Upper Completion<br>Blinsbry-Blue     | Lower Completion<br>Drinkard-Red |
|----------------------------------------------------------|---------------------------------------|----------------------------------|
| Indicate by ( X ) the zone producing.....                | X                                     |                                  |
| Pressure at beginning of test.....                       | 745                                   | 1100                             |
| Stabilized? (Yes or No).....                             | Yes                                   | Yes                              |
| Maximum pressure during test.....                        | 745                                   | 1100                             |
| Minimum pressure during test.....                        | 125                                   | 1100                             |
| Pressure at conclusion of test.....                      | 125                                   | 1100                             |
| Pressure change during test (Maximum minus Minimum)..... | 620                                   | 0                                |
| Was pressure change an increase or a decrease?.....      | decrease                              | -                                |
| Well closed at (hour, date): 9:30 A.M. 2/14/61           | Total Time On Production 23hrs 15 min |                                  |
| Oil Production During Test: 45.4 bbls; Grav. 43.3        | Gas Production During Test: 267       | MCF; GOR 5880                    |
| Remarks                                                  |                                       |                                  |

FLOW TEST NO. 2

Well opened at (hour, date): 9:45 A.M. 2/15/61

|                                                          | Upper Completion                       | Lower Completion |
|----------------------------------------------------------|----------------------------------------|------------------|
| Indicate by ( X ) the zone producing.....                |                                        | X                |
| Pressure at beginning of test.....                       | 780                                    | 1100             |
| Stabilized? (Yes or No).....                             | No                                     | Yes              |
| Maximum pressure during test.....                        | 880                                    | 1100             |
| Minimum pressure during test.....                        | 780                                    | 30               |
| Pressure at conclusion of test.....                      | 880                                    | 570              |
| Pressure change during test (Maximum minus Minimum)..... | 100                                    | 1070             |
| Was pressure change an increase or a decrease?.....      | Increase                               | Decrease         |
| Well closed at (hour, date): 10:15 A.M. 2/16/61          | Total time on Production 24 hrs 30 min |                  |
| Oil Production During Test: 7.7 bbls; Grav. 40.6         | Gas Production During Test: 26.7       | MCF; GOR 3450    |
| 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

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

Operator Sunray Mid-Continent Oil Company

By \_\_\_\_\_

Title District Engineer

Date April 11, 1961

Following completion of the above, the following shall administer the test to the examinee with the following results:

- [illegible]