

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|                                            |           |           |                       |                              |                                  |                              |  |            |
|--------------------------------------------|-----------|-----------|-----------------------|------------------------------|----------------------------------|------------------------------|--|------------|
| Operator<br>SOCONY MOBIL OIL COMPANY, INC. |           |           | Lease<br>E. O. Carson |                              |                                  | Well<br>No. 22               |  |            |
| Location<br>of Well                        |           | Unit<br>L | Sec<br>28             | Twp<br>21S                   | Rge<br>37E                       | County<br>Ogallala           |  |            |
| 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                             | Paddock   |           |                       | Oil                          | Pump                             | Tbg.                         |  | 2"         |
| Lower<br>Compl                             | Wantz Abo |           |                       | Oil                          | Flow                             | Tbg.                         |  | 24/64      |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 4:00 P.M. 11-2-60

|                                                                                     | Upper<br>Completion              | Lower<br>Completion |
|-------------------------------------------------------------------------------------|----------------------------------|---------------------|
| Well opened at (hour, date): 4:00 P.M. 11-3-60                                      |                                  |                     |
| Indicate by ( X ) the zone producing.....                                           | X                                |                     |
| Pressure at beginning of test.....                                                  | 280                              | 1500                |
| Stabilized? (Yes or No).....                                                        | No                               | Yes                 |
| Maximum pressure during test.....                                                   | 50                               | 1735                |
| Minimum pressure during test.....                                                   | 10                               | 1500                |
| Pressure at conclusion of test.....                                                 | 30                               | 1735                |
| Pressure change during test (Maximum minus Minimum).....                            | 40                               | 235                 |
| Was pressure change an increase or a decrease?.....                                 | Decrease                         | Increase            |
| Well closed at (hour, date): 4:00 P.M. 11-4-60                                      | Total Time On Production 24 hrs. |                     |
| Oil Production                                                                      | Gas Production                   |                     |
| During Test: 41 bbls; Grav. 3.2                                                     | During Test 8 MCF; GOR 195       |                     |
| Remarks 50 BSW on 1st 24 hr. SI Stalling on on Paddock leaked off some of pressure. |                                  |                     |

FLOW TEST NO. 2

|                                                                                                    | Upper<br>Completion              | Lower<br>Completion |
|----------------------------------------------------------------------------------------------------|----------------------------------|---------------------|
| Well opened at (hour, date): 4:00 P.M. 11-5-60                                                     |                                  |                     |
| Indicate by ( X ) the zone producing.....                                                          |                                  | X                   |
| Pressure at beginning of test.....                                                                 | 300                              | 1770                |
| Stabilized? (Yes or No).....                                                                       | Yes                              | No                  |
| Maximum pressure during test.....                                                                  | 310                              | 450                 |
| Minimum pressure during test.....                                                                  | 300                              | 40                  |
| Pressure at conclusion of test.....                                                                | 310                              | 50                  |
| Pressure change during test (Maximum minus Minimum).....                                           | 10                               | 410                 |
| Was pressure change an increase or a decrease?.....                                                | Increase                         | Decrease            |
| Well closed at (hour, date) 4:00 P.M. 11-6-60                                                      | Total time on Production 24 hrs. |                     |
| Oil Production                                                                                     | Gas Production                   |                     |
| During Test: 95 bbls; Grav. 42.2                                                                   | During Test 112 MCF; GOR 1253    |                     |
| Remarks 2 BSW Flow by heads this is the initial interference test on a dual tubingless completion. |                                  |                     |

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 SOCONY MOBIL OIL COMPANY, INC.

By A. H. Jiner

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

Title Production Technician

Date November 30, 1960

