

NEW MEXICO OIL CONSERVATION COMMISSION  
SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|  |           |           |                                     |  |  |               |                |  |
|--|-----------|-----------|-------------------------------------|--|--|---------------|----------------|--|
| Operator<br>Pan American Petroleum Corporation                       |           |           |                                     | Lease<br>South Mattix Unit Federal       |  |               | Well<br>No. 19 |  |
| Location<br>of Well  | Unit<br>8 | Sec<br>22 | Twp<br>24                           | Rge<br>37                                |  | County<br>Lea |                |  |
| Name of Reservoir or Pool<br>(Gas - Oil Rim)<br>Fowler Lower Paddock |           |           | Type of Prod<br>(Oil or Gas)<br>Oil | Method of Prod<br>Flow, Art Lift<br>Pump | Prod. Medium<br>(Tbg or Csg)<br>Tubing | Choke Size    |                |  |
| Upper Compl<br>Fowler Blinebry                                       |           |           | Oil                                 | Pump                                     | Tubing                                 |               |                |  |
| Lower Compl  |           |           |                                     |  |  |               |                |  |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:00 AM 4-17-69

|  |                 |                          |                  |
|--|-----------------|--------------------------|------------------|
| Well opened at (hour, date):                             | 9:00 AM 4-18-69 | Upper Completion         | Lower Completion |
| Indicate by ( X ) the zone producing.....                |                 |                          | X                |
| Pressure at beginning of test.....                       |                 | 110                      | 420              |
| Stabilized? (Yes or No).....                             |                 | No                       | Yes              |
| Maximum pressure during test.....                        |                 | 110                      | 420              |
| Minimum pressure during test.....                        |                 | 80                       | 15               |
| Pressure at conclusion of test.....                      |                 | 80                       | 15               |
| Pressure change during test (Maximum minus Minimum)..... |                 | 30                       | 405              |
| Was pressure change an increase or a decrease?.....      |                 | Dec                      | Dec              |
| Well closed at (hour, date):                             | 9:00 AM 4-19-69 | Total Time On Production | 24 hours         |
| Oil Production   |                 | Gas Production           |                  |
| During Test: 9 bbls; Grav. ---                           |                 | 29 MCF; GOR              | 3222             |
| Remarks  |                 |                          |                  |

FLOW TEST NO. 2

|  |                 |                          |                  |
|--|-----------------|--------------------------|------------------|
| Well opened at (hour, date):                             | 9:00 AM 4-20-69 | Upper Completion         | Lower Completion |
| Indicate by ( X ) the zone producing.....                |                 | X                        |                  |
| Pressure at beginning of test.....                       |                 | 50                       | 200              |
| Stabilized? (Yes or No).....                             |                 | Yes                      | No               |
| Maximum pressure during test.....                        |                 | 50                       | 420              |
| Minimum pressure during test.....                        |                 | 20                       | 200              |
| Pressure at conclusion of test.....                      |                 | 20                       | 420              |
| Pressure change during test (Maximum minus Minimum)..... |                 | 30                       | 220              |
| Was pressure change an increase or a decrease?.....      |                 | Dec                      | Inc              |
| Well closed at (hour, date):                             | 9:00 AM 4-21-69 | Total time on Production | 24 hours         |
| Oil Production   |                 | Gas Production           |                  |
| During Test: 20 bbls; Grav. ---                          |                 | 27 MCF; GOR              | 1350             |
| Remarks  |                 |                          |                  |

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

Approved: \_\_\_\_\_  
New Mexico Oil Conservation Commission

Operator PAN AMERICAN PETROLEUM CORPORATION  
By: James E. York  
Title AREA ENGINEER

Date 4-24-69