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Appropriate Dist. Office

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Revised 1-1-89

INSTRUCTIONS ON REVERSE  
SIDE

This form is not to be used for  
reporting packer leakage tests in  
Northwest New Mexico

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|                                  |                    |            |                               |                                   |                               |               |  |
|----------------------------------|--------------------|------------|-------------------------------|-----------------------------------|-------------------------------|---------------|--|
| Operator<br>Marathon Oil Company |                    |            | Lease<br>Mark Owen            |                                   |                               | Well No.<br>7 |  |
| Location<br>of Well              | Unit<br>N          | Sec.<br>35 | 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<br>Compl                   | Wantz Abo          |            | Oil                           | Flow                              | Tbg.                          | -             |  |
| Lower<br>Compl                   | Wantz Granite Wash |            | Oil                           | Pump                              | Tbg.                          | -             |  |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 A.M. 4-17-89

Well opened at (hour, date): 9:30 A.M. 4-18-89

|                                                          | Upper<br>Completion | Lower<br>Completion |
|----------------------------------------------------------|---------------------|---------------------|
| Indicate by ( X ) the zone producing.....                |                     | X                   |
| Pressure at beginning of test.....                       | 455                 | 435                 |
| Stabilized? (Yes or No).....                             | Yes                 | Yes                 |
| Maximum pressure during test.....                        | 460                 | 435                 |
| Minimum pressure during test.....                        | 455                 | 40                  |
| Pressure at conclusion of test.....                      | 460                 | 40                  |
| Pressure change during test (Maximum minus Minimum)..... | 5                   | 395                 |
| Was pressure change an increase or a decrease?.....      | Increase            | Decrease            |

Well closed at (hour, date): 9:30 A.M. 4-19-89  
Oil Production  
During Test: 8 bbls; Grav. 40.0  
Gas Production  
During Test: 39  
Total Time On  
Production: 24 hrs.  
MCF; GOR: 4875

Remarks

FLOW TEST NO. 2

Well opened at (hour, date): 9:30 A.M. 4-20-89

|                                                          | Upper<br>Completion | Lower<br>Completion |
|----------------------------------------------------------|---------------------|---------------------|
| Indicate by ( X ) the zone producing.....                | X                   |                     |
| Pressure at beginning of test.....                       | 460                 | 30                  |
| Stabilized? (Yes or No).....                             | Yes                 | No                  |
| Maximum pressure during test.....                        | 460                 | 30                  |
| Minimum pressure during test.....                        | 25                  | 25                  |
| Pressure at conclusion of test.....                      | 25                  | 25                  |
| Pressure change during test (Maximum minus Minimum)..... | 435                 | 5                   |
| Was pressure change an increase or a decrease?.....      | Decrease            | Decrease            |

Well closed at (hour, date): 9:30 A.M. 4-21-89  
Oil production  
During Test: 17 bbls; Grav. 39.0 ;  
Gas Production  
During Test: 7  
Total time on  
Production: 24 hrs.  
MCF; GOR: 412

Remarks

OPERATOR CERTIFICATE OF COMPLIANCE

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

Marathon Oil Company

Operator

*Tony Hallum*

Signature

Tony Hallum Engineering Tech.

Printed Name

Title

4-26-89

Date

393-7106

Telephone No.

OIL CONSERVATION DIVISION

MAY 2 1989

Date Approved

By

Title

RECEIVED  
APR 27 1989  
OCD  
HOBBS OFFICE