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Appropriate Dist. Office

State of New Mexico  
En. y, Minerals and Natural Resources Departmen

Revised 1-1-89

INSTRUCTIONS ON REVERSE  
SIDE

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

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

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

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

SOUTHEAST NEW MEXICO PACKER LEAKAGE TEST

|                                         |                  |                               |                                   |                               |                      |
|-----------------------------------------|------------------|-------------------------------|-----------------------------------|-------------------------------|----------------------|
| Operator<br><u>MARATHON OIL COMPANY</u> |                  | Lease<br><u>MARK OWEN</u>     |                                   | Well No.<br><u>4</u>          |                      |
| Location of Well                        | Unit<br><u>K</u> | Sec.<br><u>35</u>             | Twp<br><u>21S</u>                 | Rge<br><u>37E</u>             | County<br><u>LEA</u> |
| 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                             | <u>DRINKARD</u>  | <u>GAS</u>                    | <u>FLOW</u>                       | <u>CSG.</u>                   | <u>—</u>             |
| Lower Compl                             | <u>WANTZ ABO</u> | <u>OIL</u>                    | <u>PUMP</u>                       | <u>TAB.</u>                   | <u>—</u>             |

FLOW TEST NO. 1

Both zones shut-in at (hour, date): 9:30 AM 3/26/91

Well opened at (hour, date): 11 3/27/91

|                                                            | Upper Completion                        | Lower Completion     |
|------------------------------------------------------------|-----------------------------------------|----------------------|
| Indicate by ( X ) the zone producing.....                  |                                         | <u>X</u>             |
| Pressure at beginning of test.....                         | <u>363</u>                              | <u>228</u>           |
| Stabilized? (Yes or No).....                               | <u>NO</u>                               | <u>YES</u>           |
| Maximum pressure during test.....                          | <u>370</u>                              | <u>228</u>           |
| Minimum pressure during test.....                          | <u>363</u>                              | <u>23</u>            |
| Pressure at conclusion of test.....                        | <u>370</u>                              | <u>23</u>            |
| Pressure change during test (Maximum minus Minimum).....   | <u>7</u>                                | <u>205</u>           |
| Was pressure change an increase or a decrease?.....        | <u>INCREASE</u>                         | <u>DECREASE</u>      |
| Well closed at (hour, date): <u>1:30 PM 3/27/91</u>        | Total Time On Production <u>4 HOURS</u> |                      |
| Oil Production During Test: <u>1</u> bbls; Grav. <u>38</u> | Gas Production During Test <u>4</u>     | MCF; GOR <u>4000</u> |

Remarks \_\_\_\_\_

FLOW TEST NO. 2

Well opened at (hour, date): 9:30 AM 3/28/91

|                                                          | Upper Completion                        | Lower Completion |
|----------------------------------------------------------|-----------------------------------------|------------------|
| Indicate by ( X ) the zone producing.....                | <u>X</u>                                |                  |
| Pressure at beginning of test.....                       | <u>373</u>                              | <u>158</u>       |
| Stabilized? (Yes or No).....                             | <u>YES</u>                              | <u>YES</u>       |
| Maximum pressure during test.....                        | <u>373</u>                              | <u>158</u>       |
| Minimum pressure during test.....                        | <u>238</u>                              | <u>158</u>       |
| Pressure at conclusion of test.....                      | <u>238</u>                              | <u>158</u>       |
| Pressure change during test (Maximum minus Minimum)..... | <u>135</u>                              | <u>N/C</u>       |
| Was pressure change an increase or a decrease?.....      | <u>DECREASE</u>                         | <u>N/C</u>       |
| Well closed at (hour, date): <u>2:30 PM 3/28/91</u>      | Total time on Production <u>5 HOURS</u> |                  |
| Oil production During Test: <u>0</u> bbls; Grav. _____   | Gas Production During Test <u>32</u>    | MCF; GOR _____   |

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  
Mike Greenough  
Signature  
MIKE GREENOUGH ENG. TECH  
Printed Name Title

OIL CONSERVATION DIVISION

APR 4 1991  
Date Approved  
By JOHN W. GUNN MARY SEXTON  
Title \_\_\_\_\_

RECEIVED  
APR 02 1991  
HOBBS OFFICE