| Submit 5 Copies<br>Appropriate District Office<br><u>DISTRICT 1</u><br>P.O. Box 1980, Hobbs, NM 88240  | Stat.<br>crgy, Minerals ar   | e of New Mexico<br>nd Natural Resources Departmy   | .t RECEIVI   | ED Form C-104<br>Revised 1-1-89<br>See Instructions |
|--|--|--|--|---|
| DISTRICT II<br>P.O. Drawer DD, Anesia, NM 88210  |  | RVATION DIVISION   |  | 1992 at Bottom of Page                              |
| DISTRICT III<br>1000 Rio Brazos Rd., Aztec, NM 87410   | Santa Fe, Ne   | ew Mexico 87504-2088   | O. C.  |   |
| I.   | REQUEST FOR ALLC   | WABLE AND AUTHORIZ   | ATION  |   |
| Operator   |  | T OIL AND NATURAL GAS  | Well API No.   |   |
| Marathon Oil Co  | ompany 🗸   |  | 30-015-0   | 5557  |
| P. O. Box 552,   | Midland, Texas 79702   |  |  |   |
| Reason(s) for Filing (Check proper box)<br>New Well  | Change in Transporter o  | Other (Please explain  | ı)   |   |
| Recompletion X   | Oil 🔄 Dry Gas  |  |  |   |
| Change in Operator   | Casinghead Gas Condensate  |  |  |   |
| and address of previous operator   |  |  |  |   |
| II. DESCRIPTION OF WELL<br>Lease Name  |  |  |  |   |
| Johnson "B" Federal  | Well No. Pool Name, I<br>A/C 2 2 Shugar  | t (Y, SR, Q, G)  | Kind of Lease<br>State, Federal or F   | Lease No.<br>LC-029388 (d)                          |
| Location C   | 660  |  |  | LC-029388 (U)                                       |
| Unit Letter  | Feet From Th   | ne North Line and 1980   | ) Feet From The  | West Line   |
| Section 15 Townsh  | ip 18-S Range 3  | <u>1-е , ммрм,</u> е   | ddy  | County  |
| III. DESIGNATION OF TRAN   | SPORTER OF OIL AND NA  |  |  |   |
| Name of Authonized Transporter of Oil<br>Pride Pipeline Compar   | OF Condensate  | Address (Give address to which   | approved copy of this  | form is to be sent)                                 |
| Name of Authorized Transporter of Casin  |  | P. O. Box 2436,  | Abilene. Tex   | as 79604  |
| Conoco, Inc.   |  | P. O. Box 90, Mal  | approved copy of this  | form is to be sent)<br>8261                         |
| if well produces oil or liquids,<br>ive location of tanks.   | Unit Sec. Twp.<br>E 11 18  | Rge. Is gas actually connected?  | When?  | 0204  |
| this production is commingled with that  |  |  | NA   |   |
| COM LETION DATA  |  |  |  |   |
| Designate Type of Completion   |  | II New Well   Workover   E   | X Plug Back  | Same Res'v Diff Res'v                               |
| 3-3-92   | Date Compl. Ready to Prod.<br>3-25-92  | Total Depth  | P.B.T.D.   | 1   |
| levations (DF, RKB, RT, GR, etc.)<br>3694 'KB  | Name of Producing Formation  | 4210 '<br>Top Oil/Gas Pay  | Tubing Dep   | <u>144 '</u>  |
| erforations  | Grayburg   | 3972'  | 405  | 5'  |
| 3972-81', 4015-20', 4  | 023-28', 4034-41' and  | 4056-94'   | Depth Casin<br>415   | -   |
| HOLE SIZE  | TUBING, CASING AN  | ND CEMENTING RECORD  |  | <u> </u>  |
| 13-3/4"  | CASING & TUBING SIZE<br>9-5/8"   | DEPTH SET  |  | ACKS CEMENT   |
| 8-3/4"   |  |  |  |   |
| NA   | 5-1/2"   | 4157'  |  |   |
|  | 2-7/8"   |  |  |   |
| TEST DATA AND REQUES   | 2-7/8"<br>T FOR ALLOWABLE  | 4157'<br>4055'   | 5N   | 000<br>1/A  |
| TEST DATA AND REQUES<br>L WELL (Test must be after red<br>the First New Oil Run To Tank  | 2-7/8"<br>T FOR ALLOWABLE  | 4157'<br>4055'   | for this depth or be for   | 000<br>1/A  |
| TEST DATA AND REQUES<br>IL WELL (Test must be after red<br>the First New Oil Run To Tank<br>3-25-92  | 2-7/8"<br><b>T FOR ALLOWABLE</b><br>covery of total volume of load oil and m<br>Date of Test<br>4-7-92   | 4157'<br>4055'<br>usst be equal to or exceed top allowable<br>Producing Method (Flow, pump, go<br>Pump   | for this depth or be for   | 000<br>1/A  |
| TEST DATA AND REQUEST<br>IL WELL (Test must be after red<br>the First New Oil Run To Tank<br>3-25-92<br>ngth of Test<br>24 hours   | 2-7/8"<br><b>T FOR ALLOWABLE</b><br>covery of total volume of load oil and m<br>Date of Test<br>4-7-92<br>Tubing Pressure  | 4157'<br>4055'<br>ust be equal to or exceed top allowable<br>Producing Method (Flow, pump, ge<br>Pump<br>Casing Pressure   | tor this depth or be for<br>as lift, etc.)   | 00<br>1/A<br>or full 24 hours.)                     |
| TEST DATA AND REQUES<br>IL WELL (Test must be after red<br>the First New Oil Run To Tank<br>3-25-92<br>ngth of Tes<br>24 hours   | 2-7/8"<br><b>T FOR ALLOWABLE</b><br>covery of total volume of load oil and m<br>Date of Test<br>4-7-92<br>Tubing Pressure<br>20 psi<br>Oil - Bbls.   | 4157'<br>4055'<br>usst be equal to or exceed top allowable<br>Producing Method (Flow, pump, go<br>Pump   | for this depth or be for as lift, etc.)  | 00<br>1/A<br>or full 24 hours.)                     |
| TEST DATA AND REQUEST<br>IL WELL (Test must be after red<br>the First New Oil Run To Tank<br>3-25-92<br>ngth of Test<br>24 hours<br>tual Prod. During Test   | 2-7/8"<br><b>T FOR ALLOWABLE</b><br>covery of total volume of load oil and m<br>Date of Test<br><u>4-7-92</u><br>Tubing Pressure<br><u>20 psi</u>  | 4157'<br>4055'<br>usi be equal to or exceed top allowable<br>Producing Method (Flow, pump, go<br>Pump<br>Casing Pressure<br>20 psi   | e for this depth or be for<br>as lift, etc.)<br>Choke Size<br>NA   | 00<br>1/A<br>or full 24 hours.)                     |
| TEST DATA AND REQUEST<br>IL WELL (Test must be after red<br>ate First New Oil Run To Tank<br>3-25-92<br>mgth of Test<br>24 hOURS<br>stual Prod. During Test  | 2-7/8"<br><b>T FOR ALLOWABLE</b><br>covery of total volume of load oil and m<br>Date of Test<br>4-7-92<br>Tubing Pressure<br>20 psi<br>Oil - Bbls.   | 4157'<br>4055'<br>ussi be equal to or exceed top allowable<br>Producing Method (Flow, pump, go<br>Pump<br>Casing Pressure<br>20 psi<br>Water - Bbis.<br>196  | s for this depth or be for<br>as lift, etc.)<br>Choke Size<br>NA<br>Gas- MCF<br>8  | 00<br>1/A<br>or full 24 hours.)                     |
| TEST DATA AND REQUES   IL WELL (Test must be after red)   IL WELL (Test must be after red)   Itest must be after red)   Itest First New Oil Run To Tank   3-25-92   ngth of Test 24   Abours   Itual Prod. During Test   AS WELL   Itual Prod. Test - MCF/D  | 2-7/8"<br><b>T FOR ALLOWABLE</b><br>covery of total volume of load oil and m<br>Date of Test<br>4-7-92<br>Tubing Pressure<br>20 psi<br>Oil - Bbis.<br>13<br>Length of Test   | 4157'<br>4055'<br>ussi be equal to or exceed top allowable<br>Producing Method (Flow, pump, go<br>Pump<br>Casing Pressure<br>20 psi<br>Water - Bbis.   | e for this depth or be for<br>as lift, etc.)<br>Choke Size<br>NA<br>Gas- MCF   | 00<br>1/A<br>or full 24 hours.)                     |
| TEST DATA AND REQUES   IL WELL (Test must be after red)   IL WELL (Test must be after red)   ite First New Oil Run To Tank   3-25-92   ngth of Test   24 hOUL'S   tual Prod. During Test   Mass WELL   tual Prod. Test - MCF/D   | 2-7/8"<br><b>T FOR ALLOWABLE</b><br>covery of total volume of load oil and m<br>Date of Test<br>4-7-92<br>Tubing Pressure<br>20 psi<br>Oil - Bbis.<br>13   | 4157'<br>4055'<br>ussi be equal to or exceed top allowable<br>Producing Method (Flow, pump, go<br>Pump<br>Casing Pressure<br>20 psi<br>Water - Bbis.<br>196  | s for this depth or be for<br>as lift, etc.)<br>Choke Size<br>NA<br>Gas- MCF<br>8  | 00<br>1/A<br>or full 24 hours.)                     |
| TEST DATA AND REQUEST   IL WELL (Test must be after red   ate First New Oil Run To Tank   3-25-92   right of Test   24 hOURS   stual Prod. During Test   AS WELL   stual Prod. Test - MCF/D   ting Method (puot, back pr.)   C. OPERATOR CERTIFICA   | 2-7/8"<br>T FOR ALLOWABLE<br>covery of total volume of load oil and m<br>Date of Test<br>4-7-92<br>Tubing Pressure<br>20 psi<br>Oil - Bbis.<br>13<br>Length of Test<br>Tubing Pressure (Shut-in)<br>TE OF COMPLIANCE   | 4157'<br>4055'<br>usst be equal to or exceed top allowable<br>Producing Method (Flow, pump, ge<br>Pump<br>Casing Pressure<br>20 psi<br>Water - Bbis.<br>196<br>Bbis. Condensate/MMCF   | e for this depth or be fo<br>as lift, etc.)<br>Choke Size<br>NA<br>Gas- MCF<br>8<br>Gravity of Co<br>Choke Size  | 000<br>1/A<br>or full 24 hours.)                    |
| TEST DATA AND REQUEST   IL WELL (Test must be after reduction of the st and states and regulation of the states and the | 2-7/8"<br>T FOR ALLOWABLE<br>covery of total volume of load oil and m<br>Date of Test<br>4-7-92<br>Tubing Pressure<br>20 pSi<br>Oil - Bbls.<br>13<br>Length of Test<br>Tubing Pressure (Shul-m)<br>TE OF COMPLIANCE<br>ons of the Oil Conservation<br>at the information guarantee to the state              | 4157'<br>4055'<br>usst be equal to or exceed top allowable<br>Producing Method (Flow, pump, ge<br>Pump<br>Casing Pressure<br>20 psi<br>Water - Bbis.<br>196  | e for this depth or be fo<br>as lift, etc.)<br>Choke Size<br>NA<br>Gas- MCF<br>8<br>Gravity of Co<br>Choke Size  | 000<br>1/A<br>or full 24 hours.)                    |
| TEST DATA AND REQUEST   IL WELL (Test must be after recalled First New Oil Run To Tank   ate First New Oil Run To Tank   3-25-92   right of Test   24 hOUTS   stual Prod. During Test   AS WELL   stual Prod. Test - MCF/D   ting Method (pitot, back pr.)   | 2-7/8"<br>T FOR ALLOWABLE<br>covery of total volume of load oil and m<br>Date of Test<br>4-7-92<br>Tubing Pressure<br>20 pSi<br>Oil - Bbls.<br>13<br>Length of Test<br>Tubing Pressure (Shul-m)<br>TE OF COMPLIANCE<br>ons of the Oil Conservation<br>at the information guarantee to the state              | 4157'<br>4055'<br>ust be equal to or exceed top allowable<br>Producing Method (Flow, pump, ge<br>Pump<br>Casing Pressure<br>20 psi<br>Water - Bbis.<br>196<br>Bbis. Condensate/MMCF<br>Casing Pressure (Shut-in)<br>OIL CONSE  | E for this depth or be for<br>as lift, etc.)<br>Choke Size<br>NA<br>Gas- MCF<br>8<br>Gravity of Co<br>Choke Size<br>RVATION D                            | 000<br>1/A<br>or full 24 hours.)<br>mdensate        |
| TEST DATA AND REQUEST   IL WELL (Test must be after reduced for the first New Oil Run To Tank   after First New Oil Run To Tank   3-25-92   ngth of Test   24 hOUITS   tual Prod. During Test   AS WELL   tual Prod. Test - MCF/D   II   OPERATOR CERTIFICA   Interviewith and the   Uivision  | 2-7/8"<br>T FOR ALLOWABLE<br>covery of total volume of load oil and m<br>Date of Test<br>4-7-92<br>Tubing Pressure<br>20 pSi<br>Oil - Bbls.<br>13<br>Length of Test<br>Tubing Pressure (Shul-m)<br>TE OF COMPLIANCE<br>ons of the Oil Conservation<br>at the information guarantee to the state              | 4157'<br>4055'<br>usst be equal to or exceed top allowable<br>Producing Method (Flow, pump, ge<br>Pump<br>Casing Pressure<br>20 psi<br>Water - Bbis.<br>196<br>Bbis. Condensate/MMCF   | E for this depth or be for<br>as lift, etc.)<br>Choke Size<br>NA<br>Gas- MCF<br>8<br>Gravity of Co<br>Choke Size<br>RVATION D                            | 000<br>1/A<br>or full 24 hours.)<br>mdensate        |
| TEST DATA AND REQUES   IL WELL (Test must be after reduite First New Oil Run To Tank   3-25-92 ngth of Test   agth of Test 24 hours   tual Prod. During Test 1   AS WELL 1   tual Prod. Test - MCF/D 1   | 2-7/8"<br>T FOR ALLOWABLE<br>covery of total volume of load oil and m<br>Date of Test<br>4-7-92<br>Tubing Pressure<br>20 psi<br>Oil - Bbis.<br>13<br>Length of Test<br>Tubing Pressure (Shui-in)<br>TE OF COMPLIANCE<br>ons of the Oil Conservation<br>at the information given above<br>pwledge and belief. | 4157'<br>4055'<br>ust be equal to or exceed top allowable<br>Producing Method (Flow, pump, ge<br>Pump<br>Casing Pressure<br>20 psi<br>Water - Bbis.<br>196<br>Bbis. Condensate/MMCF<br>Casing Pressure (Shut-in)<br>OIL CONSE<br>Date Approved<br>ByORIGINAL             | E for this depth or be for<br>as lift, etc.)<br>Choke Size<br>NA<br>Gas- MCF<br>8<br>Gravity of Co<br>Choke Size<br>RVATION D<br>APR 1 3 19<br>SIGNED BY | 000<br>1/A<br>or full 24 hours.)<br>mdensate        |
| TEST DATA AND REQUES   IL WELL (Test must be after red)   IL WELL (Test must be after red)   ite First New Oil Run To Tank 3-25-92   ngth of Test 24   24 hours   tual Prod. During Test 1   AS WELL 1   tual Prod. Test - MCF/D 1   ing Method (pitot, back pr.) 1   OPERATOR CERTIFICA 1   hereby certify that the rules and regulated 1   Division have been complied with and that is true and complete to the best of my know 1   Image: Colored Color  | 2-7/8"<br>T FOR ALLOWABLE<br>covery of total volume of load oil and m<br>Date of Test<br>4-7-92<br>Tubing Pressure<br>20 pSi<br>Oil - Bbls.<br>13<br>Length of Test<br>Tubing Pressure (Shul-m)<br>TE OF COMPLIANCE<br>ons of the Oil Conservation<br>at the information guarantee to the state              | 4157'<br>4055'<br>ust be equal to or exceed top allowable<br>Producing Method (Flow, pump, ge<br>Pump<br>Casing Pressure<br>20 psi<br>Water - Bbls.<br>196<br>Bbls. Condensate/MMCF<br>Casing Pressure (Shut-in)<br>OIL CONSE<br>Date Approved<br>ByORIGINAL<br>MIKE W.L | E for this depth or be for<br>as lift, etc.)<br>Choke Size<br>NA<br>Gas- MCF<br>8<br>Gravity of Co<br>Choke Size<br>RVATION D<br>APR 1 3 19<br>SIGNED BY | 000<br>1/A<br>or full 24 hours.)<br>ndensate        |

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance

2) All sections of this form must be filled out for allowable on new and recompleted wells.

3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

4) Separate Form C-104 must be filed for each pool in multiply completed wells.