

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**  
**2040 South Pacheco**  
**Santa Fe, NM 87505**

Form C-104  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

|  |   |   |
|--|---|---|
| <sup>1</sup> Operator name and Address<br>Marathon Oil Company<br>P.O. Box 2490<br>Hobbs, NM 88240 |   | <sup>2</sup> OGRID Number<br>014021                   |
|  |   | <sup>3</sup> Reason for Filing Code<br>NW Eff 1/17/99 |
| <sup>4</sup> API Number<br>30-0 30-015-30417   | <sup>5</sup> Pool Name<br>Illinois Camp North; Morrow | <sup>6</sup> Pool Code<br>78890                       |
| <sup>7</sup> Property Code<br>23782  | <sup>8</sup> Property Name<br>Freedman 22 State       | <sup>9</sup> Well Number<br>1                         |

**II. <sup>10</sup> Surface Location**

| UL or lot no. | Section | Township | Range | Lot. Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| C             | 22      | 18-S     | 28-E  |          | 750           | North            | 1860          | West           | Eddy   |

**<sup>11</sup> Bottom Hole Location**

| UL or lot no.                   | Section  | Township                                    | Range                             | Lot. Idn                           | Feet from the                       | North/South Line | Feet from the | East/West line | County |
|---------------------------------|--|---|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| C                               | 22   | 18-S  | 28-E                              |                                    | 1098                                | North            | 1937          | West           | Eddy   |
| <sup>12</sup> Lse Code<br>State | <sup>13</sup> Producing Method Code<br>Flowing | <sup>14</sup> Gas Connection Date<br>2/5/99 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                  |               |                |        |

**III. Oil and Gas Transporters**

| <sup>18</sup> Transporter OGRID | <sup>19</sup> Transporter Name and Address         | <sup>20</sup> POD | <sup>21</sup> O/G | <sup>22</sup> POD ULSTR Location and Description        |
|---------------------------------|--|-------------------|-------------------|---|
| 015694                          | Navajo Refining<br>PO Box 159<br>Artesia, NM 88211 | 2822805           | 0                 | UL N, Sec.22, T-18-S, R-28-E<br>Tanks on well location. |
| 000990                          | ARCO<br>PO Box 1610<br>Midland, TX 79702           | 2822806           | G                 | UL N, Sec.22, T-18-S, R-28-E<br>Meter on well location. |
|                                 |  |                   |                   |   |
|                                 |  |                   |                   |   |
|                                 |  |                   |                   |   |

**IV. Produced Water**

| <sup>23</sup> POD | <sup>24</sup> POD ULSTR Location and Description |
|-------------------|--|
| 2822807           |  |

**V. Well Completion Data**

| <sup>25</sup> Spud Date | <sup>26</sup> Ready Date           | <sup>27</sup> TD        | <sup>28</sup> PBSD         | <sup>29</sup> Perforations | <sup>30</sup> DHC, DC, MC |
|-------------------------|------------------------------------|-------------------------|----------------------------|----------------------------|---------------------------|
| 11/22/98                | 1/3/99                             | 11,060'                 | 10,960'                    | 10,777-10,824'             |                           |
| <sup>31</sup> Hole Size | <sup>32</sup> Casing & Tubing Size | <sup>33</sup> Depth Set | <sup>34</sup> Sacks Cement |                            |                           |
| 17 1/2"                 | 13 3/8" 48#                        | 450'                    | 450 sxs                    | Post TD-2                  |                           |
| 12 1/4"                 | 9 5/8" 36#                         | 2950'                   | 1025 sxs                   | 4-16-99                    |                           |
| 8 3/4"                  | 7" 26#                             | 11,060'                 | 1165 sxs                   | comp                       |                           |
|                         | 2 7/8"                             | 10,704'                 |                            |                            |                           |

**VI. Well Test Data**

| <sup>35</sup> Date New Oil | <sup>36</sup> Gas Delivery Date | <sup>37</sup> Test Date | <sup>38</sup> Test Length | <sup>39</sup> Tbg. Pressure | <sup>40</sup> Csg. Pressure |
|----------------------------|---------------------------------|-------------------------|---------------------------|-----------------------------|-----------------------------|
| 1/17/99                    | 1/17/99                         | 2/15/99                 | 24                        | 1900                        | 0                           |
| <sup>41</sup> Choke Size   | <sup>42</sup> Oil               | <sup>43</sup> Water     | <sup>44</sup> Gas         | <sup>45</sup> AOF           | <sup>46</sup> Test Method   |
|                            | 37                              | 3                       | 1929                      |                             | Flowing                     |

<sup>47</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: Kelly Cook

Printed name:  
Kelly Cook

Title:  
Records Processor

Date:  
2/16/99

Phone:  
393-7106

Approved by:

**OIL CONSERVATION DIVISION**  
**ORIGINAL SIGNED BY TIM W. GUM**  
**DISTRICT II SUPERVISOR**

Title:

Approval Date:

2-15-99

<sup>47</sup> If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date