

District I  
1625 N. French Dr., Hobbs, NM 88240

District II  
811 South First, Artesia, NM 88210

District III  
1000 Rio Brazos Rd., Aztec, NM 87410

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104  
Revised July 28, 2000  
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><b>Yates Petroleum Corporation<br/>105 South Fourth Street<br/>Artesia NM 88210</b> |                                                            | <sup>2</sup> OGRID Number<br><b>025575</b>                       |
| <sup>4</sup> API Number<br><b>30-015-31531</b>                                                                                |                                                            | <sup>6</sup> Pool Code<br><b>80400</b>                           |
| <sup>5</sup> Pool Name<br><b>Logan Draw Morrow</b>                                                                            |                                                            | <sup>3</sup> Reason for Filing Code/ Effective Date<br><b>NW</b> |
| <sup>7</sup> Property Code<br><b>23373</b>                                                                                    | <sup>8</sup> Property Name<br><b>Logan ASO Federal Com</b> | <sup>9</sup> Well Number<br><b>2</b>                             |

|                                    |                                                 |                                                       |                     |                                   |                              |                                    |                              |                                     |                       |
|------------------------------------|-------------------------------------------------|-------------------------------------------------------|---------------------|-----------------------------------|------------------------------|------------------------------------|------------------------------|-------------------------------------|-----------------------|
| II. <sup>10</sup> Surface Location |                                                 |                                                       |                     |                                   |                              |                                    |                              |                                     |                       |
| UL or lot no.<br><b>H</b>          | Section<br><b>15</b>                            | Township<br><b>17S</b>                                | Range<br><b>27E</b> | Lot Idn                           | Feet from the<br><b>1600</b> | North/South Line<br><b>North</b>   | Feet from the<br><b>1260</b> | East/West line<br><b>East</b>       | County<br><b>Eddy</b> |
| <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                |
| <sup>12</sup> Lse Code<br><b>F</b> | <sup>13</sup> Producing Method Code<br><b>F</b> | <sup>14</sup> Gas Connection Date<br><b>2-16-2001</b> |                     | <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 & Address                                    | <sup>20</sup> POD | <sup>21</sup> O/G | <sup>22</sup> POD ULSTR Location and Description |
| <b>138648</b>                   | <b>Amoco P/L Int. Trucking<br/>502 N. West Ave.<br/>Levelland, TX 79336</b> | <b>2828000</b>    | <b>O</b>          | <b>Unit H-Sec. 15-T17S-R27E</b>                  |
| <b>147831</b>                   | <b>Agave Energy Co.<br/>105 S. 4<sup>th</sup> St.<br/>Artesia, NM 88210</b> | <b>2828001</b>    | <b>G</b>          | <b>Unit H-Sec. 15 T17S-R27E</b>                  |
|                                 |                                                                             |                   |                   |                                                  |
|                                 |                                                                             |                   |                   |                                                  |
|                                 |                                                                             |                   |                   |                                                  |

## IV. Produced Water

|                                     |                                                                                        |
|-------------------------------------|----------------------------------------------------------------------------------------|
| <sup>23</sup> POD<br><b>2828002</b> | <sup>24</sup> POD ULSTR Location and Description<br><b>Unit H-Section 15-T17S-R27E</b> |
|-------------------------------------|----------------------------------------------------------------------------------------|

## V. Well Completion Data

|                                                               |                                                  |                                 |                                       |                                                 |                                                        |
|---------------------------------------------------------------|--------------------------------------------------|---------------------------------|---------------------------------------|-------------------------------------------------|--------------------------------------------------------|
| <sup>25</sup> Spud Date<br><b>RH-1-5-2001<br/>RT 1-7-2001</b> | <sup>26</sup> Ready Date<br><b>2-16-2001</b>     | <sup>27</sup> TD<br><b>9550</b> | <sup>28</sup> PBDT<br><b>9518</b>     | <sup>29</sup> Perforations<br><b>9370-9384'</b> | <sup>30</sup> DHC, MC                                  |
| <sup>31</sup> Hole Size<br><b>26"</b>                         | <sup>32</sup> Casing & Tubing Size<br><b>20"</b> |                                 | <sup>33</sup> Depth Set<br><b>40"</b> |                                                 | <sup>34</sup> Sacks Cement<br><b>cement to surface</b> |
| <b>14 3/4"</b>                                                | <b>11 3/4"</b>                                   |                                 | <b>435'</b>                           |                                                 | <b>400 sx - circ</b>                                   |
| <b>11"</b>                                                    | <b>8 5/8"</b>                                    |                                 | <b>1660'</b>                          |                                                 | <b>750 sx - circ</b>                                   |
| <b>7 7/8"</b>                                                 | <b>5 1/2"</b>                                    |                                 | <b>9550'</b>                          |                                                 | <b>1080 sx</b>                                         |

## VI. Well Test Data

|                                                |                                                     |                                             |                                              |                                            |                                               |
|------------------------------------------------|-----------------------------------------------------|---------------------------------------------|----------------------------------------------|--------------------------------------------|-----------------------------------------------|
| <sup>35</sup> Date New Oil<br><b>2-16-2001</b> | <sup>36</sup> Gas Delivery Date<br><b>2-16-2001</b> | <sup>37</sup> Test Date<br><b>2-20-2001</b> | <sup>38</sup> Test Length<br><b>24 hours</b> | <sup>39</sup> Tbg. Pressure<br><b>740#</b> | <sup>40</sup> Csg. Pressure<br><b>Packer</b>  |
| <sup>41</sup> Choke Size<br><b>26/64"</b>      | <sup>42</sup> Oil<br><b>11</b>                      | <sup>43</sup> Water<br><b>1</b>             | <sup>44</sup> Gas<br><b>2417</b>             | <sup>45</sup> AOF                          | <sup>46</sup> Test Method<br><b>Flow test</b> |

<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:   
Printed name: **Rusty Klein**  
Title: **Operations Technician**  
Date: **3-15-2001**  
Phone: **505-748-1471**

OIL CONSERVATION DIVISION  
ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR   
Approved by:  
Title:  
Approval Date: **APR 03 2001**