

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised March 17, 1999

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

|   |  |   |
|---|--|---|
| <sup>1</sup> Operator Name and Address<br>Home-Stake Oil & Gas Company<br>15 E. 5 <sup>th</sup> Street Suite 2800 Tulsa, OK 74103 |  | <sup>2</sup> OGRID Number<br>163123     |
|   |  | <sup>3</sup> API Number<br>30-025-34497 |
| <sup>3</sup> Property Code<br>23630   | <sup>5</sup> Property Name<br>Sarah Johnston | <sup>6</sup> Well No.<br>1              |

<sup>7</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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| O             | 22      | 22S      | 37E   |         | 800           | South            | 2040          | East           | Lea    |

<sup>8</sup> Proposed Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|  |  |
|--|--|
| <sup>9</sup> Proposed Pool 1<br>Wantz - Abo Pool No. 62700 | <sup>10</sup> Proposed Pool 2<br>Drinkard Pool No. 19190 |
|--|--|

|   |                                       |   |                                     |   |
|---|---------------------------------------|---|-------------------------------------|---|
| <sup>11</sup> Work Type Code<br>N P & A | <sup>12</sup> Well Type Code<br>M     | <sup>13</sup> Cable/Rotary<br>R           | <sup>14</sup> Lease Type Code<br>P  | <sup>15</sup> Ground Level Elevation<br>3346' |
| <sup>16</sup> Multiple<br>Y             | <sup>17</sup> Proposed Depth<br>7500' | <sup>18</sup> Formation<br>Abo / Drinkard | <sup>19</sup> Contractor<br>Unknown | <sup>20</sup> Spud Date<br>Est 12/14/2000     |

<sup>21</sup> Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 17-1/2"   | 13-3/8"     | 48#                | 445'          | 440             | Surface       |
| 11"       | 8-5/8"      | 32#                | 3395'         | 800             | Surface       |
| 7-7/8"    | 5-1/2"      | 15.5#              | 7360'         | 1250            | Surface       |
|           |             |                    |               |                 |               |
|           |             |                    |               |                 |               |

22. Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

1. Plug off Fusselman with CIBP @ 7050'.
2. Perforate, acidize and test Abo zone: 6645-6796'.
3. Set retrievable BP above Abo perms. Perforate, treat and test Drinkard zone: 6314-6489'.
4. Remove retrievable BP and prepare for down-hole commingling.

Plugback

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

*Larry Tarwater*

Printed name: Larry Tarwater

Title: Production Engineer

Date: 12/7/2000

Phone:

(918) 583-0178 ext. 17

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

DEC 18 2000  
Need copy of C103 Showing  
INFO NEEDED FOR DOWNHOLE COMMINGLING  
See Rule 303.c

**DISTRICT I**  
P. O. Box 1980  
Tobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals, and Natural Resources Department

Form C-102  
Revised 02-10-94  
Instructions on back

**DISTRICT II**  
P. O. Drawer DD  
Artesia, NM 88211-0719

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

Submit to the Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

☐ AMENDED REPORT

**DISTRICT III**  
1000 Rio Brazos Rd.  
Aztec, NM 87410

**DISTRICT IV**  
P. O. Box 2088  
Santa Fe, NM 87507-2088

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                              |  |   |  |                          |  |                      |  |
|------------------------------|--|---|--|--------------------------|--|----------------------|--|
| 1 API Number<br>30-025-34497 |  | 2 Pool Code<br>62700                            |  | 3 Pool Name<br>Wantz-Abo |  |                      |  |
| 4 Property Code<br>23630     |  | 5 Property Name<br>Sarah Johnston               |  |                          |  | 6 Well Number<br>1   |  |
| 7 OGRID No.<br>163123        |  | 8 Operator Name<br>HOME-STAKE OIL & GAS COMPANY |  |                          |  | 9 Elevation<br>3346' |  |

**" SURFACE LOCATION**

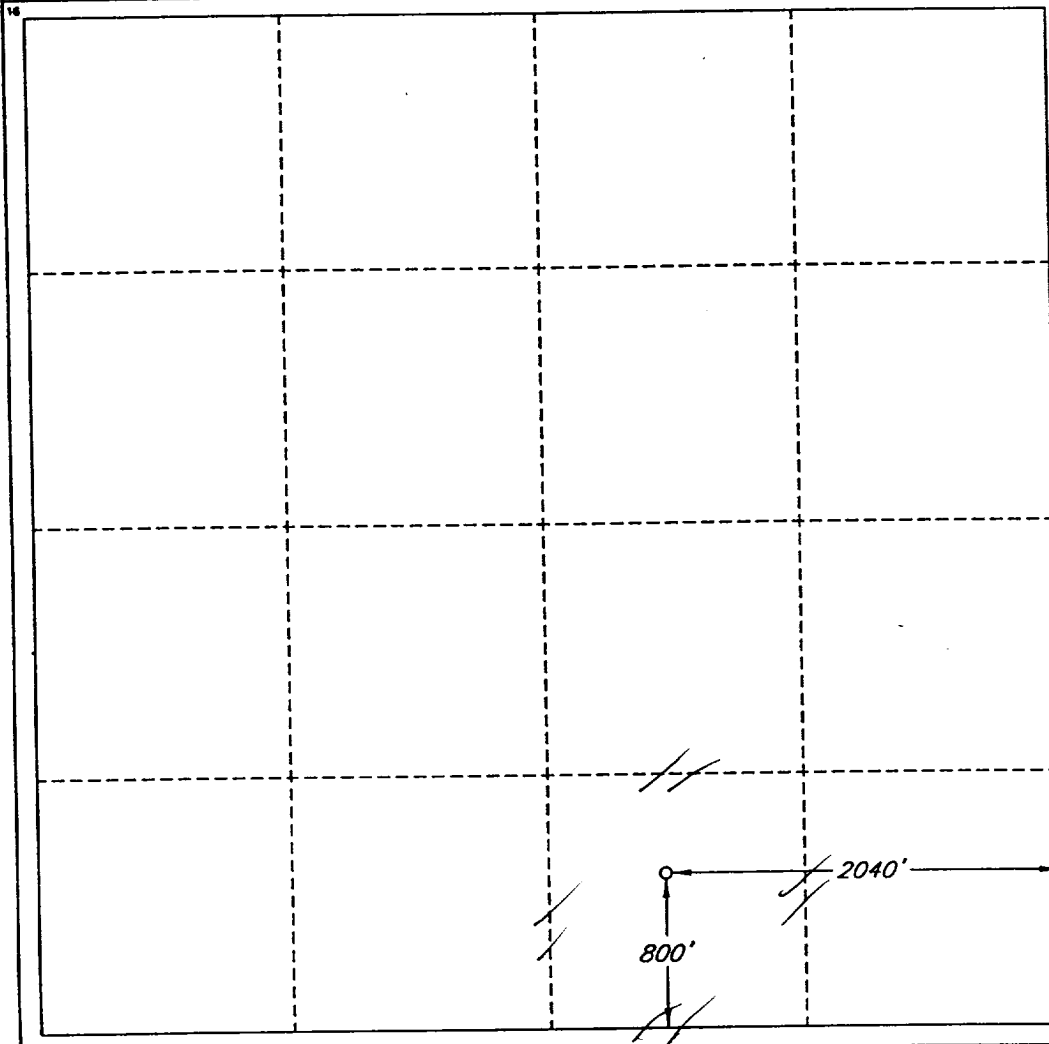
| UL or lot no. | Section | Township | Range             | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|--------|
| 0             | 22      | 22 SOUTH | 37 EAST, N.M.P.M. |         | 800'          | SOUTH            | 2040'         | EAST           | LEA    |

**" BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE**

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|                           |                         |                              |                     |
|---------------------------|-------------------------|------------------------------|---------------------|
| 12 Dedicated Acres<br>40' | 13 Joint or Infill<br>N | 14 Consolidation Code<br>N/A | 15 Order No.<br>N/A |
|---------------------------|-------------------------|------------------------------|---------------------|

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN  
CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



**OPERATOR CERTIFICATION**

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

Signature: *Larry Tarwater*  
Printed Name: Larry Tarwater  
Title: Production Engineer  
Date: 12-11-00

**SURVEYOR CERTIFICATION**

I hereby certify that the well  
location shown on this plat was  
plotted from field notes of actual  
surveys made by me or under  
my supervision, and that the  
same is true and correct to the  
best of my belief.

Date of Survey: AUG 11 2000  
Signature: *ROGER M. ROBBINS*  
Professional Surveyor  
Certificate No. 12128  
ROGER M. ROBBINS P.S. #12128  
JOB # 60082 / 45 SW / JSJ

DISTRICT I  
P. O. Box 1980  
Tobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals, and Natural Resources Department

Revised 02-10-94  
Instructions on back  
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P. O. Drawer 00  
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**OIL CONSERVATION DIVISION**  
P. O. Box 2088  
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

DISTRICT III  
1000 Rio Brazos Rd.  
Aztec, NM 87410

DISTRICT IV  
P. O. Box 2088  
Santa Fe, NM 87507-2088

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                              |  |   |  |                         |                      |
|------------------------------|--|---|--|-------------------------|----------------------|
| 1 API Number<br>30-025-34497 |  | 2 Pool Code<br>19190                            |  | 3 Pool Name<br>DRINKARD |                      |
| 4 Property Code<br>23630     |  | 5 Property Name<br>Sarah Johnston               |  |                         | 6 Well Number<br>1   |
| 7 OGRID No.<br>163123        |  | 8 Operator Name<br>HOME-STAKE OIL & GAS COMPANY |  |                         | 9 Elevation<br>3346' |

**" SURFACE LOCATION**

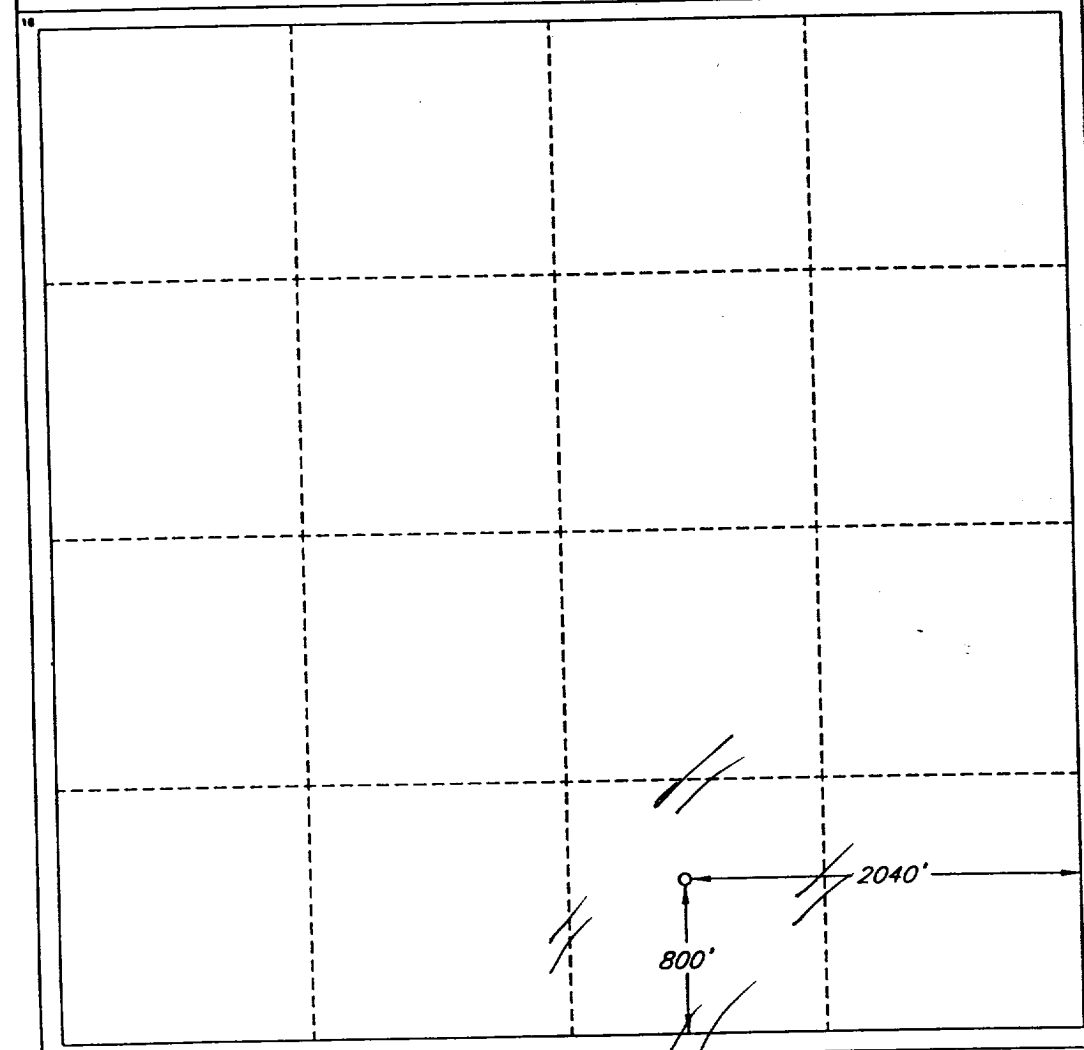
| UL or lot no. | Section | Township | Range             | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------------------|---------|---------------|------------------|---------------|----------------|--------|
| 0             | 22      | 22 SOUTH | 37 EAST, N.M.P.M. |         | 800'          | SOUTH            | 2040'         | EAST           | LEA    |

**" BOTTOM HOLE, LOCATION IF DIFFERENT FROM SURFACE**

| UL or lot no. | Section | Township | Range | Lot Ida | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

|                          |                         |                              |                     |
|--------------------------|-------------------------|------------------------------|---------------------|
| 12 Dedicated Acres<br>40 | 13 Joint or Infill<br>N | 14 Consolidation Code<br>N/A | 15 Order No.<br>N/A |
|--------------------------|-------------------------|------------------------------|---------------------|

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



**OPERATOR CERTIFICATION**

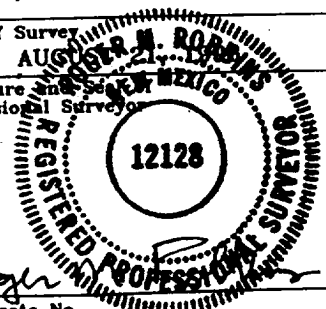
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

|                                    |
|------------------------------------|
| Signature<br><i>Larry Tarwater</i> |
| Printed Name<br>Larry Tarwater     |
| Title<br>Production Engineer       |
| Date<br>12-11-00                   |

**SURVEYOR CERTIFICATION**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

|  |
|--|
| Date of Survey<br>AUG 21 2000  |
| Signature and Seal of Professional Surveyor<br><i>Roger M. Robbins</i> |
| Certificate No.<br>ROGER M. ROBBINS P.S. #12128                        |
| JOB #<br>60082 / 45 SW / JSJ   |



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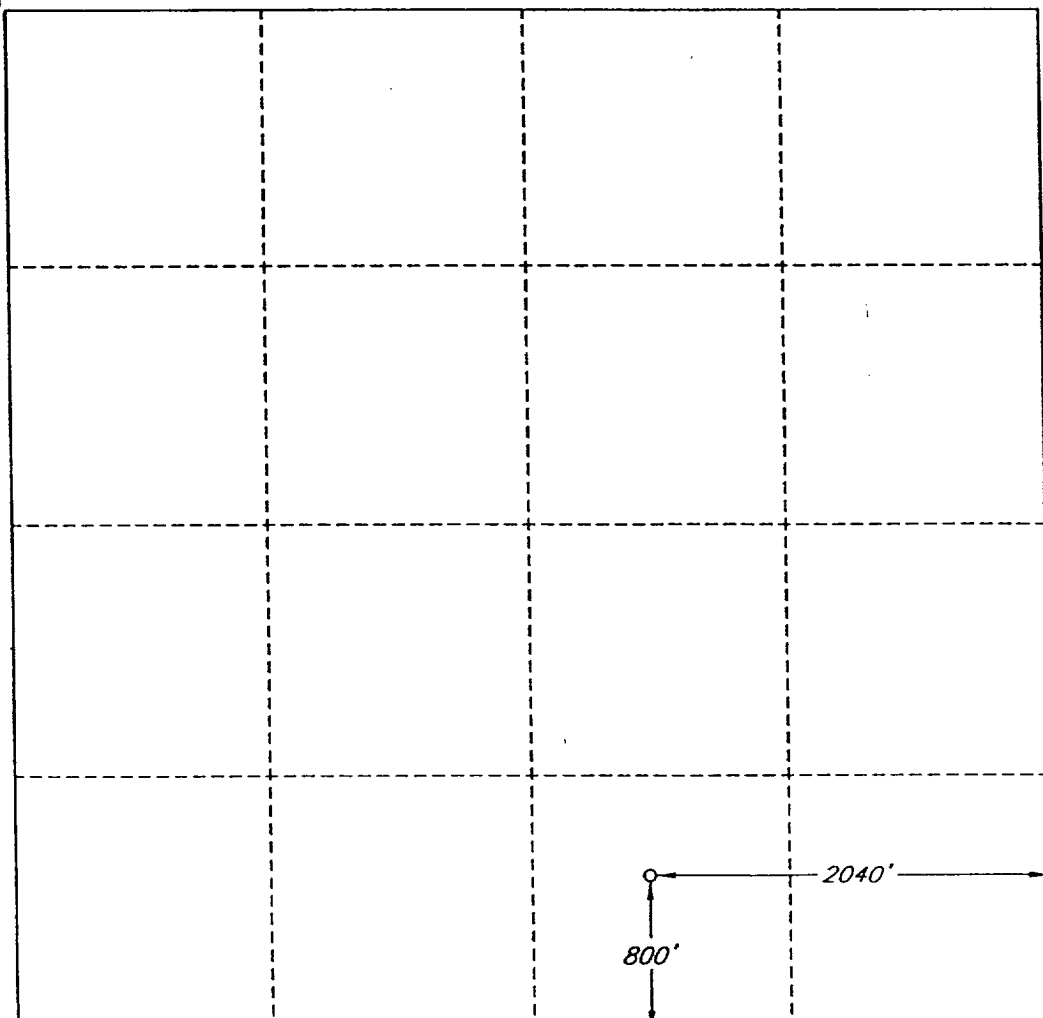
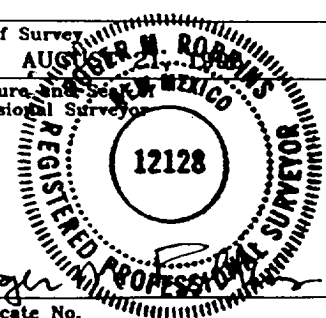
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1000 Rio Brazos Rd.  
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DISTRICT IV  
P. O. Box 2088  
Santa Fe, NM 87507-2088

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|   |                      |  |                                   |   |                              |  |                               |                               |                      |
|---|----------------------|--|-----------------------------------|---|------------------------------|--|-------------------------------|-------------------------------|----------------------|
| 1 API Number<br><b>30-02534497</b>  |                      | 2 Pool Code<br><b>8005</b>                                   |                                   | 3 Pool Name<br><b>McCormack, Silurian, South<br/>BRUNSON (FUSSELLMAN)</b> |                              |  |                               |                               |                      |
| 4 Property Code<br><b>45430</b>   |                      | 5 Property Name<br><b>JOHNSON 22X SARAH WALLACE Johnston</b> |                                   |   |                              | 6 Well Number<br><b>1</b>  |                               |                               |                      |
| 7 OGRID No.<br><b>163123</b>  |                      | 8 Operator Name<br><b>HOME-STAKE OIL &amp; GAS COMPANY</b>   |                                   |   |                              | 9 Elevation<br><b>3346'</b>  |                               |                               |                      |
| <b>" SURFACE LOCATION</b>   |                      |  |                                   |   |                              |  |                               |                               |                      |
| UL or lot no.<br><b>0</b>   | Section<br><b>22</b> | Township<br><b>22 SOUTH</b>                                  | Range<br><b>37 EAST, N.M.P.M.</b> | Lot Ida   | Feet from the<br><b>800'</b> | North/South line<br><b>SOUTH</b>   | Feet from the<br><b>2040'</b> | East/West line<br><b>EAST</b> | County<br><b>LEA</b> |
| <b>" BOTTOM HOLE LOCATION IF DIFFERENT FROM SURFACE</b>   |                      |  |                                   |   |                              |  |                               |                               |                      |
| UL or lot no.   | Section              | Township   | Range                             | Lot Ida   | Feet from the                | North/South line   | Feet from the                 | East/West line                | County               |
| 10 Dedicated Acres<br><b>40</b>   |                      | 11 Joint or Infill<br><b>N</b>                               |                                   | 12 Consolidation Code<br><b>N/A</b>                                       |                              | 13 Order No.<br><b>N/A</b>   |                               |                               |                      |
| <b>NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION</b> |                      |  |                                   |   |                              |  |                               |                               |                      |
|    |                      |  |                                   |   |                              | <b>OPERATOR CERTIFICATION</b><br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.<br>Signature: <i>Larry Tarwater</i><br>Printed Name: <b>Larry Tarwater</b><br>Title: <b>Production Engineer</b><br>Date: <b>AUGUST 25, 1998</b> |                               |                               |                      |
|   |                      |  |                                   |   |                              | <b>SURVEYOR CERTIFICATION</b><br>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.   |                               |                               |                      |
|   |                      |  |                                   |   |                              | Date of Survey: <b>AUGUST 21, 1998</b>   |                               |                               |                      |
|   |                      |  |                                   |   |                              | Signature and Seal of Professional Surveyor:    |                               |                               |                      |
|   |                      |  |                                   |   |                              | Certificate No. <b>ROGER M. ROBBINS P.S. #12128</b><br>JOB # <b>60082 / 45 SW / JSJ</b>  |                               |                               |                      |