

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W Grande Ave, Artesia, NM 88211  
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 Department**  
**OIL CONSERVATION DIVISION**  
 1220 South St. Francis Dr  
 Santa Fe, NM 87505

Form C-104  
Revised February 10, 1994  
Instructions on back:  
Submit to Appropriate District Office  
5 Copies  
☐ AMENDED REPORT

## I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|                                                                                                             |                                                                   |                                                |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|
| <b>1. Operator's Name and Address</b><br>Melrose Operating Company<br>c/o P.O. Box 953<br>Midland, TX 79702 |                                                                   | <b>2. OGRID Number</b><br>184860               |
|                                                                                                             |                                                                   | <b>3. Reason for Filing Code</b><br>NW 5-21-04 |
| <b>4. API Number</b><br>30 - 0 15 33285                                                                     | <b>5. Pool Name</b><br>Artesia, Queen-Grayburg-San Andres (03230) | <b>6. Pool Code</b><br>03230                   |
| <b>7. Property Code</b><br>26081                                                                            | <b>8. Property Name</b><br>Artesia Unit                           | <b>9. Well Number</b><br>101                   |

## II 10. Surface Location

| UL or Lot No. | Section | Township | Range | Lot. Idn. | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---------------|---------|----------|-------|-----------|---------------|------------------|---------------|----------------|--------|
| H             | 35      | 18S      | 28E   |           | 481'          | South            | 994'          | West           | Eddy   |

## 11. 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 |
| 12 Lse Code   | 13. Producing Method Code | 14. Gas Connection Date |       | 15. C-129 Permit Number |               | 16. C-129 Effective Date |               | 17. C-129 Expiration Date |        |
| S             | P                         |                         |       |                         |               |                          |               |                           |        |

### III. Oil and Gas Transporters

| 18. Transporter<br>OGRID | 19. Transporter Name<br>and Address                    | 20. POD | 21. O/G | 22. POD ULSTR Location<br>and Description |
|--------------------------|--------------------------------------------------------|---------|---------|-------------------------------------------|
| 015694                   | Navajo Refining Co.<br>P.O. Box 169, Artesia, NM 88211 | 2230710 | O       | Sec 35, T18S, R28E                        |
|                          |                                                        |         |         |                                           |
| 009171                   | GPM<br>4001 Penbrook, Odessa, TX 79762                 | 2820133 | G       | Sec 35, T18S, R28E                        |
|                          |                                                        |         |         |                                           |
|                          |                                                        |         |         |                                           |
|                          |                                                        |         |         |                                           |
|                          |                                                        |         |         |                                           |

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**JUL 20 2004**

**OCD-ARTESIA**

#### IV. Produced Water

|         |                                        |
|---------|----------------------------------------|
| 23. POD | 24. POD ULSTR Location and Description |
| 2230750 | Sec 35, T18S, R28E                     |

## V. Well Completion Data

|               |                          |               |                  |                  |
|---------------|--------------------------|---------------|------------------|------------------|
| 25. Spud Date | 26. Ready Date           | 27. TD        | 28. PBTD         | 29. Perforations |
| 3-29-04       | 5-21-04                  | 3156'         | 3146'            | 1892 - 2914'     |
| 30. Hole Size | 31. Casing & Tubing Size | 32. Depth Set | 33. Sacks Cement |                  |
| 12 1/4"       | 8 5/8"                   | 453'          | 400 SX           |                  |
| 7 7/8"        | 5 1/2"                   | 3146'         | 700 SX           |                  |
|               |                          |               |                  |                  |
|               | 2 3/8"                   | 2464'         |                  |                  |

## VI. Well Test Data

|                  |                       |               |                 |                   |                   |
|------------------|-----------------------|---------------|-----------------|-------------------|-------------------|
| 34. Date New Oil | 35. Gas Delivery Date | 36. Test Date | 37. Test Length | 38. Tbg. Pressure | 39. Csg. Pressure |
| 5-21-04          | 5-21-04               | 5-21-04       | 24              |                   |                   |
| 40. Choke Size   | 41. Oil               | 42. Water     | 43. Gas         | 44. AOF           | 45. Test Method   |
|                  | 15                    | 190           | 20              |                   |                   |

|                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                        |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| [ 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.<br>Signature:  |  | OIL CONSERVATION DIVISION<br>Approved by: <br>District Supervisor |  |
| Printed name: Ann E. Ritchie                                                                                                                                                                                                                                                                   |  | Title                                                                                                                                                  |  |
| Title: Regulatory Agent                                                                                                                                                                                                                                                                        |  | Approval Date: JUL 29 2004                                                                                                                             |  |
| Date: 7-10-04                                                                                                                                                                                                                                                                                  |  | Phone: 432 684-6381                                                                                                                                    |  |

47. If this is a change of operator fill in the OGRID number and name of the previous operator

| Printed Name | Title | Date |
|--------------|-------|------|
|--------------|-------|------|