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Appropriate District Office  
**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-104  
Revised 2-21-94  
Instruction on back  
Submit to Appropriate District Office  
5 Copies

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

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

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

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

|                                                                                                                       |                              |                       |
|-----------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------|
| 1. Operator Name and Address<br>Burlington Resources Oil & Gas Company<br>PO Box 4289<br>Farmington, New Mexico 87499 |                              | OGRID Number<br>14538 |
| DHC-516az                                                                                                             |                              | Recompletion          |
| 4. API Number<br>30-045-21357                                                                                         | 5. Pool Name<br>Otero Chacra | 6. Pool Code<br>82329 |
| 7. Property Code<br>18182                                                                                             | 8. Property Name<br>Lively   | 9. Well Number<br>16  |

**10. Surface Location**

|                    |               |                 |             |         |                        |                           |                       |                        |                      |
|--------------------|---------------|-----------------|-------------|---------|------------------------|---------------------------|-----------------------|------------------------|----------------------|
| UI or lot no.<br>L | Section<br>20 | Township<br>29N | Range<br>9W | Lot Idn | Feet from the<br>1820' | North/South line<br>South | Feet from the<br>880' | East/West line<br>West | County<br>Rio Arriba |
|--------------------|---------------|-----------------|-------------|---------|------------------------|---------------------------|-----------------------|------------------------|----------------------|

**11. Bottom Hole Location**

|                   |                                      |                         |                         |                          |                           |                  |               |                |        |
|-------------------|--------------------------------------|-------------------------|-------------------------|--------------------------|---------------------------|------------------|---------------|----------------|--------|
| UI or lot no.     | Section                              | Township                | Range                   | Lot Idn                  | Feet from the             | North/South line | Feet from the | East/West line | County |
| 12. Use Code<br>F | 13. Producing Method Code<br>Flowing | 14. Gas Connection Date | 15. C-129 Permit Number | 16. C-129 Effective Date | 17. C-129 Expiration date |                  |               |                |        |

**III. Oil and Gas Transporters**

|                                  |                                                       |                    |              |                                           |
|----------------------------------|-------------------------------------------------------|--------------------|--------------|-------------------------------------------|
| 18. Transporter<br>OGRID<br>9018 | 19. Transporter Name<br>and Address<br>Giant Refining | 20. POD<br>2830876 | 21. O/G<br>O | 22. POD ULSTR Location<br>and Description |
| 151618                           | El Paso Field Service                                 | 2830877            | G            |                                           |
|                                  |                                                       |                    |              |                                           |
|                                  |                                                       |                    |              |                                           |
|                                  |                                                       |                    |              |                                           |

**IV. Produced Water**

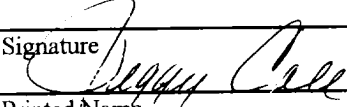
|                    |                                        |
|--------------------|----------------------------------------|
| 23. POD<br>2830878 | 24. POD ULSTR Location and Description |
|--------------------|----------------------------------------|

**V. Well Completion Data**

|                             |                                    |                       |                            |                                |                        |
|-----------------------------|------------------------------------|-----------------------|----------------------------|--------------------------------|------------------------|
| 25. Spud Date<br>10/29/1973 | 26. Ready Date<br>12/18/2001       | 27. TD<br>6650'       | 28. PBTD<br>6258'          | 29. Perforations<br>3073-3527' | 30. DHC, DC, MC<br>DHC |
| 30. Hole Size<br>13 3/4"    | 31. Casing & Tubing Size<br>9 5/8" | 32. Depth Set<br>270' | 33. Sacks Cement<br>225 sx |                                |                        |
| 8 3/4"                      | 7"                                 | 2324'                 | 600 cu.ft.                 |                                |                        |
| 6 1/4"                      | 4 1/2"                             | 6638'                 | 615 cu.ft.                 |                                |                        |
|                             | 2 3/8"                             | 4709'                 |                            |                                |                        |

**VI. Well Test Data**

|                  |                             |                 |                           |                             |
|------------------|-----------------------------|-----------------|---------------------------|-----------------------------|
| 34. Date New Oil | 36. Test Date<br>12/18/2001 | 37. Test Length | 38. Tbg. Pressure<br>SI 0 | 39. Csg. Pressure<br>SI 447 |
| 40. Choke Size   | 41. Oil                     | 42. Water       | 43. Gas<br>601            | 44. AOF                     |
|                  |                             |                 |                           | 45. Test Method<br>Shut-in  |

|                                                                                                                                                                                                                |  |                                                                                     |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|
| 46. I hereby certify that the rules and regulations 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. |  | <b>OIL CONSERVATION DIVISION</b><br><del>ORIGINAL SIGNED BY CHARLES T. PERROW</del> |  |
| Signature<br>                                                                                                                |  | Approved by:<br><del>DEPUTY OIL &amp; GAS INSPECTOR</del>                           |  |
| Printed Name<br>Peggy Cole                                                                                                                                                                                     |  | Title:                                                                              |  |
| Regulatory Supervisor<br>MVIM - 3                                                                                                                                                                              |  | Approval Date:<br>DEC 27 2001                                                       |  |
| 12/26/2001   Telephone No. (505) 326-9700                                                                                                                                                                      |  |                                                                                     |  |
| 47. If this is a change of operator fill in the OGRID number and name of the previous operator                                                                                                                 |  |                                                                                     |  |
| Printed Name                                                                                                                                                                                                   |  | Title                                                                               |  |
|                                                                                                                                                                                                                |  | Date                                                                                |  |

K