

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 882 10  
District III  
1000 Fio 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 Divi. on  
1220 South St. Francis Dr.  
Santa Fe, NM 87567

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SEP 14 2005

OCD-ARTEDIA

Form C-104  
Revised June 10, 2003

Submit to Appropriate District Office  
5 Copies

☐ AMENDED REPORT

1. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

|   |                                       |  |
|---|---------------------------------------|--|
| 1 Operator name and Address<br><b>Mack Energy Corporation<br/>PO Box 960<br/>Artesia, NM 88211-0960</b> |                                       | 2 OGRID Number<br><b>013837</b>                |
|   |                                       | 3 Reason for Filing Code/ Effective Date<br>NW |
| 4 API Number<br><b>30-015-34157</b>   | 5 Pool Name<br><b>High - Lonesome</b> | 6 Pool Code<br><b>97479</b>                    |
| 7 Property Code<br><b>34895</b>   | 8 Property Name<br><b>Dove State</b>  | 9 Well Number<br><b>1</b>                      |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| J             | 16      | 16S      | 29E   |         | 2310          | South            | 1650          | East           | 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<br>S | 13 Producing Method<br>Code<br>P | 14 Gas Connection<br>Date<br>N/A | 15 C-129 Permit Number | 16 C-129 Effective Date | 17 C-129 Expiration Date |                  |               |                |        |

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<br>PO Box 159<br>Artesia, NM 88211-0159         | 0104141 | O      | Unit J, Sec. 16 T16S R29E                |
| 36785                   | Duke Energy Field Services<br>4001 Penbrook<br>Odessa, TX 79762 | 0104142 | G      | Unit J, Sec. 16 T16S R29E                |
|                         |   |         |        |  |
|                         |   |         |        |  |
|                         |   |         |        |  |

IV. Produced Water

|                   |  |
|-------------------|--|
| 23 POD<br>0104143 | 24 POD ULSTR Location and Description<br>Unit J, Sec. 16 T16S R29E |
|-------------------|--|

V. Well Completion Data

| 25 Spud Date | 26 Ready Date           | 27 TD        | 28 PBTB         | 29 Perforations | 30 DHC, MC |
|--------------|-------------------------|--------------|-----------------|-----------------|------------|
| 7/8/2005     | 8/4/2005                | 4570         | 4535            | 2814-3074'      |            |
| 31 Hole Size | 32 Casing & Tubing Size | 33 Depth Set | 34 Sacks Cement |                 |            |
| 17 1/2       | 13 3/8"                 | 313          | 375 sx          |                 |            |
| 12 1/4       | 8 5/8"                  | 910          | 500 sx          |                 |            |
| 7 7/8        | 5 1/2"                  | 4557         | 1455 sx         |                 |            |
|              | 2 7/8                   | 3094         |                 |                 |            |

VI. Well Test Data

| 35 Date New Oil | 36 Gas Delivery Date | 37 Test Date | 38 Test Length | 39 Tbg. Pressure | 40 Csg. Pressure |
|-----------------|----------------------|--------------|----------------|------------------|------------------|
| 8/13/2005       | N/A                  | 8/29/2005    | 24 hours       |                  |                  |
| 41 Choke Size   | 42 Oil               | 43 Water     | 44 Gas         | 45 AOF           | 46 Test Method   |
|                 | 20                   | 517          | tstm           |                  | P                |

47 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:

*Jerry W. Sherrell*

Printed name:

Jerry W. Sherrell

Title:

Production Clerk

E-mail Address:

jerrys@mackenergycorp.com

Date:

9/13/2005

Phone:

(505) 748-1288

OIL CONSERVATION DIVISION

Approved by:

*Jim W. Green*  
*District II Supervisor*

Title:

Approval Date:

SEP 20 2005