

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Bravos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

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

|                                                                                                           |                                           |                        |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------|
| Operator name and Address<br>Penwell Energy, Inc.<br>600 N. Marienfeld, Ste. 1100<br>Midland, Texas 79701 |                                           | OGRID Number<br>147380 |
| Reason for Filing Code<br>NW                                                                              |                                           |                        |
| API Number<br>30-025-33653                                                                                | Pool Name<br>Diamondtail Bone Spring      | Pool Code<br>17644     |
| Property Code<br>19680                                                                                    | Property Name<br>Diamondtail "23" Federal | Well Number<br>2       |

II. Surface Location

|                    |               |                 |              |         |                       |                           |                      |                        |               |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no.<br>H | Section<br>23 | Township<br>23S | Range<br>32E | Lot Idn | Feet from the<br>1980 | North/South Line<br>North | Feet from the<br>660 | East/West line<br>East | County<br>Lea |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|

Bottom Hole Location

|                    |               |                 |              |         |                       |                           |                      |                        |               |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no.<br>H | Section<br>23 | Township<br>23S | Range<br>32E | Lot Idn | Feet from the<br>1980 | North/South line<br>North | Feet from the<br>660 | East/West line<br>East | County<br>Lea |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|----------------------|------------------------|---------------|

|               |                               |                             |                     |                      |                       |
|---------------|-------------------------------|-----------------------------|---------------------|----------------------|-----------------------|
| Lee Code<br>F | Producing Method Code<br>Pump | Gas Connection Date<br>N/A. | C-129 Permit Number | C-129 Effective Date | C-129 Expiration Date |
|---------------|-------------------------------|-----------------------------|---------------------|----------------------|-----------------------|

III. Oil and Gas Transporters

|                                                                                                           |                                                                                            |                |          |                                    |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------|----------|------------------------------------|
| Transporter OGRID<br>015694                                                                               | Transporter Name and Address<br>Navajo Refining Co.<br>P.O. Box 159<br>Artesia, N.M. 88211 | POD<br>2818887 | O/G<br>0 | POD ULSTR Location and Description |
| Approval to flare casinghead gas from this well must be obtained from the BUREAU OF LAND MANAGEMENT (BLM) |                                                                                            |                |          |                                    |

IV. Produced Water

|                |                                    |
|----------------|------------------------------------|
| POD<br>2818887 | POD ULSTR Location and Description |
|----------------|------------------------------------|

V. Well Completion Data

|                      |                                 |                   |                                    |                            |
|----------------------|---------------------------------|-------------------|------------------------------------|----------------------------|
| Spud Date<br>12-9-96 | Ready Date<br>3-1-97            | TD<br>11,200      | PBTD                               | Perforations<br>10,776-782 |
| Hole Size<br>17 1/2" | Casing & Tubing Size<br>13 3/8" | Depth Set<br>5791 | Sacks Cement<br>500sx - Circulated |                            |
| 12 1/4"              | 8 5/8"                          | 4880'             | 2285sx - Circulated                |                            |
| 7 7/8"               | 5 1/2"                          | 11200'            | 1625 sx                            |                            |
|                      | 2 7/8"                          | 10,796            |                                    |                            |

VI. Well Test Data

|                         |                           |                      |                        |               |               |
|-------------------------|---------------------------|----------------------|------------------------|---------------|---------------|
| Date New Oil<br>2-25-97 | Gas Delivery Date<br>N.A. | Test Date<br>3-11-97 | Test Length<br>24 hrs. | Tbg. Pressure | Csg. Pressure |
| Choke Size              | Oil<br>68                 | Water<br>38          | Gas                    | AOF           | Test Method   |

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: Brenda Coffman  
Printed name: Brenda Coffman  
Title: Regulatory Analyst  
Date: April 10, 1997 Phone: (915) 683-2534

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS  
DISTRICT I SUPERVISOR

Approval Date: OCT 09 1997

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

|                             |              |       |      |
|-----------------------------|--------------|-------|------|
| Previous Operator Signature | Printed Name | Title | Date |
|-----------------------------|--------------|-------|------|