

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 888210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

## STATE OF NEW MEXICO

Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

Form C-101

Revised October 18, 1994

Instructions on back

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

|                                                                                                                      |  |                                         |
|----------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------|
| 1 Operator Name and Address<br><b>PALADIN ENERGY CORP.<br/>10290 Monroe Drive, Suite 301<br/>Dallas, Texas 75229</b> |  | 2 OGRID Number<br><b>164070</b>         |
| 4 Property Code<br><b>22557</b>                                                                                      |  | 3 API Number<br><b>30 - 025 - 03150</b> |
| 5 Property Name<br><b>South Vacuum Unit</b>                                                                          |  | 6 Well No.<br><del>351</del> <b>351</b> |

## 7 Surface Location

|               |           |            |            |          |               |                  |               |                |            |
|---------------|-----------|------------|------------|----------|---------------|------------------|---------------|----------------|------------|
| UL or lot No. | Section   | Township   | Range      | Lot. Ind | Feet from the | North/South Line | Feet from the | East/West Line | County     |
| <b>G</b>      | <b>35</b> | <b>18S</b> | <b>35E</b> |          | <b>1980</b>   | <b>North</b>     | <b>1980</b>   | <b>East</b>    | <b>Lea</b> |

## 8 Proposed Bottom Hole Location If Different From Surface

|               |         |          |       |          |               |                  |               |                |        |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|
| UL or lot No. | Section | Township | Range | Lot. Ind | Feet from the | North/South Line | Feet from the | East/West Line | County |
|---------------|---------|----------|-------|----------|---------------|------------------|---------------|----------------|--------|

9 Proposed Pool 1

10 Proposed Pool 2

**S Vacuum Bone Spring**

|                               |                                     |                                     |                                |                                           |
|-------------------------------|-------------------------------------|-------------------------------------|--------------------------------|-------------------------------------------|
| 11 Work Type Code<br><b>P</b> | 12 Well Type Code<br><b>O</b>       | 13 Cable/Rotary                     | 14 Lease Type Code<br><b>S</b> | 15 Ground Level Elevation<br><b>3869'</b> |
| 16 Multiple<br><b>No</b>      | 17 Proposed Depth<br><b>10,500'</b> | 18 Formation<br><b>Bone Springs</b> | 19 Contractor<br><b>N/A</b>    | 20 Spud Date<br><b>1st quarter 1999</b>   |

## 21 Proposed Casing and Cement Program

|           |             |                    |               |              |               |
|-----------|-------------|--------------------|---------------|--------------|---------------|
| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks Cement | Estimated TOC |
|           |             |                    |               |              |               |
|           |             |                    |               |              |               |
|           |             |                    |               |              |               |
|           |             |                    |               |              |               |
|           |             |                    |               |              |               |

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.

MIRU Wireline. Set CIBP @ 10,500' to plug off Vacuum; Devonian, South. Run cement bond log to determine top of cement, if indicated RU Dowell Service and squeeze at 9000' and 8700', test casing.

RU wireline and perforate with 4" hollow carrier gun/2 shots per foot, 120 phase.

**PERFORATE 8892' TO 8902', BONE SPRINGS FORMATION**

RU Dowell Service, pump 500 gallons 15% HCL with 40 ball sealer, flush with 2% KCL water, attempt to ball out perforations. RU and swab back acid job.

Put on production

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
**Plug-Back**

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:

Printed name:

**Ann Westberry**

Title:

**Manager, Corporate Support**

Date:

**January 26, 1999**

Phone:

**314/654-0135**

## OIL CONSERVATION DIVISION

Approved by: **ORONAL B. ANDERSON, JR., WILLIAMS**

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

1205

31

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                 |  |                                         |  |                                            |                       |
|---------------------------------|--|-----------------------------------------|--|--------------------------------------------|-----------------------|
| 1 API Number<br>30-025-03150    |  | 2 Pool Code<br>61900                    |  | 3 Pool Name<br>Vacuum; Bone Springs, South |                       |
| 4 Property Code<br>225557 22557 |  | 5 Property Name<br>South Vacuum Unit    |  |                                            | 6 Well Number<br>35-1 |
| 7 OGRID No.<br>164070           |  | 8 Operator Name<br>Paladin Energy Corp. |  |                                            | 9 Elevation<br>3869'  |

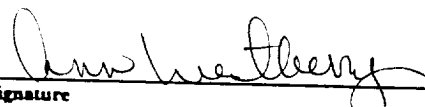
10 Surface Location

|                    |               |                 |              |         |                       |                           |                       |                        |               |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no.<br>G | Section<br>35 | Township<br>18S | Range<br>35E | Lot Idn | Feet from the<br>1980 | North/South line<br>North | Feet from the<br>1980 | East/West line<br>East | County<br>Lea |
|--------------------|---------------|-----------------|--------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

11 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 |
|                             |                         |                            |       |                        |               |                  |               |                |        |
| 12 Dedicated Acres<br>80.40 | 13 Joint or Infill<br>N | 14 Consolidation Code<br>U |       | 15 Order No.<br>R-1048 |               |                  |               |                |        |

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

|    |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                           |
|----|--|--|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16 |  |  |  |  |  | 17 OPERATOR CERTIFICATION<br>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief<br><br><br>Signature<br>Ann Westberry<br>Printed Name<br>Manager, Corp. Support<br>Title<br>January 27, 1999<br>Date |
|    |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                           |
|    |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                           |
|    |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                           |
|    |  |  |  |  |  | 18 SURVEYOR CERTIFICATION<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.<br><br>Date of Survey<br>Signature and Seal of Professional Surveyer<br><br>Certificate Number                 |
|    |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                           |
|    |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                           |
|    |  |  |  |  |  |                                                                                                                                                                                                                                                                                                                                                           |