

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

Form C-101

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

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Fee Lease - 5 Copies

## OIL CONSERVATION DIVISION

2040 Pacheco St.  
Santa Fe, NM 87505

AMENDED REPORT

## APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

|   |  |                              |
|---|--|------------------------------|
| 1 Operator Name and Address<br>PALADIN ENERGY CORP.<br>10290 Monroe Drive, Suite 301<br>Dallas, Texas 75229 |  | 2 OGRID Number<br>164070     |
| 4 Property Code<br>24977  |  | 3 API Number<br>30-025-01019 |
| 5 Property Name<br>State BT "C"   |  | 6 Well No.<br>5              |

## 7 Surface Location

|                    |               |                  |               |          |                       |                           |                       |                        |               |
|--------------------|---------------|------------------|---------------|----------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot No.<br>K | Section<br>35 | Township<br>11-S | Range<br>33 E | Lot. Ind | Feet from the<br>1980 | North/South Line<br>South | Feet from the<br>1980 | East/West Line<br>West | County<br>Lea |
|--------------------|---------------|------------------|---------------|----------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

## 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 |                  |               |                |        |

## Bagley Siluro-Devonian

|                        |                              |                           |                         |                                    |
|------------------------|------------------------------|---------------------------|-------------------------|------------------------------------|
| 11 Work Type Code<br>D | 12 Well Type Code<br>O       | 13 Cable/Rotary<br>Rotary | 14 Lease Type Code<br>S | 15 Ground Level Elevation<br>4237' |
| 16 Multiple<br>No      | 17 Proposed depth<br>10,950' | 18 Formation<br>Devonian  | 19 Contractor           | 20 Spud Date<br>09/07/2002         |

## 21 Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|--------------|---------------|
| 17-1/2    | 13-3/8      | 36#                | 298           | 225          | Sur           |
| 11        | 8-5/8       | 32#                | 3768          | 1500         | 1773          |
| 7-7/8     | 5-1/2       | 15.5 & 17#         | 9,417         | 600          | 6561          |
|           | 4-1/2       | 3-1/2              | 10,950        | 500          | 9,417         |

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.

Abandon Present Bagley Penn perforations. Drill out 5-1/2" casing shoe and deepen wellbore from 9,417' to 10,950', set 3-1/2" liner from 8,450-10,950' (across Penn perforations), and re-complete in Bagley Siluro-Devonian Formation.

BOP - 6" Hydraulic Dual Ram (5M), Blind &amp; Pipe

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Deepen

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: *David Plaisance*

Printed name: David Plaisance

Title: VP Exploration &amp; Production

Date: Phone: 214-654-0132

## OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY  
PAUL E. KANTZ

Title:

PETROLEUM ENGINEER

Approval Date: JUL 30 2002

Expiration Date:

Conditions of Approval:

Attached ☐

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