

## 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 <b>PALADIN ENERGY CORP. 10290 Monroe Drive, Suite 301 Dallas, Texas 75229</b>		2 OGRID Number <b>164070</b>
		3 API Number <b>30-025-03150</b>
4 Property Code <b>22557</b>	5 Property Name <b>South Vacuum Unit</b>	6 Well No. <b>35-1</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>18-S</b>	<b>35-E</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 <i>Wildcat</i>					10 Proposed Pool 2				

## Vacuum, South Mckee

11 Work Type Code <b>D</b>	12 Well Type Code <b>O</b>	13 Cable/Rotary <b>Rotary</b>	14 Lease Type Code <b>5</b>	15 Ground Level Elevation <b>3869</b>
16 Multiple <b>No</b>	17 Proposed depth <b>14,000'</b>	18 Formation <b>Vacuum, Mckee S.</b>	19 Contractor	20 Spud Date <b>10/15/2003</b>

## 21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks Cement	Estimated TOC
<b>15</b>	<b>11-3/4</b>	<b>42#</b>	<b>329</b>	<b>350</b>	<b>Sur</b>
<b>11</b>	<b>8-5/8</b>	<b>32 &amp; 24#</b>	<b>3,755</b>	<b>500</b>	
<b>7-7/8</b>	<b>5-1/2</b>	<b>20 &amp; 17#</b>	<b>11,846</b>	<b>340</b>	<b>8850</b>
<b>4-1/2</b>	<b>3-1/2</b>	<b>11.2</b>	<b>14,000</b>	<b>1500</b>	<b>11,550'</b>

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.

Squeeze Present Vacuum, Bone Springs South & Vacuum Devonian South perforations.

Drill out squeeze perfs & drill through 5-1/2" casing shoe at 11,846'.

Drill 4-1/2" hole and deepen wellbore from 11,846' to 14,000' (+,-), run open hole logs, set 3-1/2"

liner from 11,550' to 14,000', cement liner, perforate (possibly perform frac) and produce Vacuum, Mckee South gas sand according to log.

BOP - 6" Hydraulic Dual Ram (5M), Blind & 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: <i>David J. Plaisance</i>		OIL CONSERVATION DIVISION Approved by: <i>[Signature]</i>	
Printed name: <b>David Plaisance</b>		Title: <b>PETROLEUM ENGINEER</b>	
Title: <b>VP Exploration &amp; Production</b>		Approval Date: <b>OCT 07 2003</b> Expiration Date:	
Date:	Phone: <b>214-654-0132</b>	Conditions of Approval: Attached <input type="checkbox"/>	

**District I**  
1625 N. French Dr., Hobbs, NM 88240

**District II**  
811 South First, Artesia, NM 88210

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

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-03150		<sup>2</sup> Pool Code ✓	<sup>3</sup> Pool Name Wildcat; Vacuum, McKee South
<sup>4</sup> Property Code 22557	<sup>5</sup> Property Name South Vacuum Unit		<sup>6</sup> Well Number 35-1
<sup>7</sup> OGRID No. 164070	<sup>8</sup> Operator Name Paladin Energy Corp.		<sup>9</sup> Elevation 3,869'

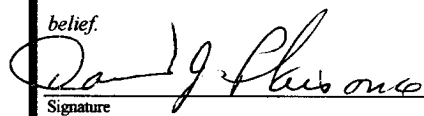
<sup>10</sup> Surface Location

UL or lot no. G	Section 35	Township 18-S	Range 35-E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 1980	East/West line East	County Lea
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<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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	Sec 35, T18S, 35E	South Vacuum 35-1 1980 FNL, 1980 FEL	●	17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature	
				David Plaisance Printed Name VP Exploration & Production Title 9/29/2003 Date	
				18 SURVEYOR CERTIFICATION <i>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.</i>	
				Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number	