

## 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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## HOBBS OGD OIL CONSERVATION DIVISION

2040 Pacheco St.

Santa Fe, NM 87505

DEC 12 2011

AMENDED REPORT

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

1 Operator Name and Address PALADIN ENERGY CORP. 10290 Monroe Drive, Suite 301 Dallas, Texas 75229		2 OGRID Number 164070
4 Property Code 25419		3 API Number 30-025-30702
5 Property Name Lowe 25		6 Well No. 1

## 7 Surface Location

UL or lot No. M	Section 25	Township 13-S	Range 37-E	Lot Ind	Feet from the 990	North/South Line south	Feet from the 50	East/West Line West	County Lea
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## 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 <35910>					10 Proposed Pool 2				

## King Devonian

11 Work Type Code P	12 Well Type Code O	13 Cable/Rotary Rotary	14 Lease Type Code P	15 Ground Level Elevation 3845'
16 Multiple No	17 Proposed depth 12,272'	18 Formation Devonian	19 Contractor	20 Spud Date 12/20/2011

## 21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks Cement	Estimated TOC
17-1/2	12-3/8	68#	408'	400	Sur
12-1/4	9-5/8	47 & 53.4#	4,651'	1350	Sur
7-7/8	5-1/2	23#	12,272'	1900	4651

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.

R/U pulling unit, GIH with bit and work string. Drill out CIBP at 11,970'. Clean and circulate hole.

Add perforations to Devonian from 12,080' - 12,100' & 12,150' - 12,170'. Acidize all perforations with 5,000 gal. 15%HCL.

Swab back. Set 3-1/2" Scab Liner across existing Wolfcamp perforations from 10,119-140', 9,856-990'

(5-1/2" packers above and below perforations). GIH w/ 2-7/8" tubing and rod pumping assembly.

Test Devonian formation perforations. If commercial, place well on production. If uneconomical, pull liner,

set CIBP at 11,970', dump 35' of cement on plug. Return well to production from Wolfcamp perforations.


Permit Expires 2 Years From Approval

Date Unless Drilling Underway

Plugback

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

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: David Plaisance

Title: VP Exploration & Production

Date: 12/08/11 Phone: 214-654-0132

## OIL CONSERVATION DIVISION

Approved by: 

Title:

PERMISSION ENGINEER

Approval Date:

DEC 13 2011

Expiration Date:

Conditions of Approval:

Attached ☐

R-8989 for NSL

DEC 13 2011

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

HOBBS OCD  
DEC 05 2011

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-30702	<sup>2</sup> Pool Code 35910	<sup>3</sup> Pool Name King Devonian
<sup>4</sup> Property Code 15218	<sup>5</sup> Property Name Lowe 25	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 164070	<sup>8</sup> Operator Name Paladin Energy Corp.	<sup>9</sup> Elevation 3845'


<sup>10</sup> Surface Location

UL or lot no. M	Section 25	Township 13S	Range 37E	Lot Idn	Feet from the 990	North/South line South	Feet from the 50	East/West line West	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 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. R-8989 For USL						

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

			Sec 25, T13S, 37E	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature David Plasiance Printed Name VP Exploration & Production Title Date 11/30/2011
				<sup>18</sup> SURVEYOR CERTIFICATION 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.  Date of Survey Signature and Seal of Professional Surveyor  Certificate Number
Lowe 25 #1 990 FSL, 50 FWL				