

DISTRICT I  
1625 N Frnech Dr , Hobbs, NM 88240  
DISTRICT II  
1301 W Grand Avenue, Atesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Road, 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  
May 27,2004

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.  
Santa Fe, NM 87505

RECEIVED

JUL 24 2008

HOBBS OCD

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 24979	5 Property Name State LTD	3 API Number 30-025-01020
9 Proposed Pool 1 Hightower;Wolfcamp, North 97432		6 Well No. 2
10 Proposed Pool 2		

7 Surface Location

UL or lot No J	Section 35	Township 11-S	Range 33-E	Lot. Ind	Feet from the 1980	North/South Line South	Feet from the 1980	East/West Line East	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 Lea
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Additional Well Information

11 Work Type Code P	12 Well Type Code O	13 Cable/Rotary R	14 Lease Type Code S	15 Ground Level Elevation 4,237'
16 Multiple No	17 Proposed depth 8,900'	18 Formation Wolfcamp	19 Contractor	20 Spud Date Re-completion-7/22/2008
Depth to Groundwater:		Distance from nearest fresh water well		Distance from nearest surface water
Pit Lmer. Synthetic <input type="checkbox"/>	Clay <input type="checkbox"/>	Pit Volume	Drilling Mehtod:	Fresh Water <input type="checkbox"/>
N/A Closed-Loop System <input type="checkbox"/>			Brine <input type="checkbox"/>	Disel/Oil-Based <input type="checkbox"/>
				Gas/Air <input type="checkbox"/>

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	54.5#	304'	225	Sur
11	9-5/8	32#	3,840'	1500	1400
7-7/8"	5-1/2"	17#	10,960'	600	7,320'

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

Proposed Wolfcamp Plug Back:

RU pulling unit, GIH with e-line and set a CIBP at 8,900'. Dump 35 feet of cement on top.  
Perforate Wolfcamp Formation at 8,524-38', 8,540-610', 8,620-40' and 8,680-700'. Pick up and GIH w/ 2-7/8" tubing and packer.  
Set packer at 8,400'. Perform Acid job with 5000 gallons 15% HCL acid.  
Swab back, install rod pumping equipment and place well on rod pump operations.

\*Steel Tanks will be used - no pits

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. I further certify that the drill pit will be constructed according NMOCD guideline X, a general permit     , Or an (attached) alternative

OCD-approved plan     

Printed name David Plaisance

Title V.P. Exploration & Production

E-mail Address dplaisance@paladinenergy.com

Date 7/21/2008

Phone 214-654-0132

OIL CONSERVATION DIVISION

Approved by:

Title: PETROLEUM ENGINEER

Approval Date JUL 29 2008 Expiration Date:

Conditions of Approval:

Attached ☐

**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 30-025-01020		<sup>2</sup> Pool Code 97432		<sup>3</sup> Pool Name Hightower; Wolfcamp, North	
<sup>4</sup> Property Code		<sup>5</sup> Property Name State LTD			<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No. 164070		<sup>8</sup> Operator Name Paladin EnergyCorp.			<sup>9</sup> Elevation 4237'

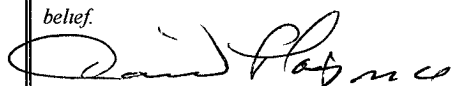
<sup>10</sup> Surface Location

UL or lot no. J	Section 35	Township 11-S	Range 33-E	Lot Idn	Feet from the 1980	North/South line South	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 40		<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, T11S, 33E	<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 7/21/2008 Date
		State LTD #2 1980 FSL, 1980 FEL •		<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