

DISTRICT I

1625 N. Fruech 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

Submit to Appropriate District Office

OIL CONSERVATION DIVISION

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

☐ 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 22557		3 API Number 30-025-03134
5 Property Name South Vacuum Unit 26		6 Well No. 261 T
9 Proposed Pool 1 Wildcat Vacuum Wolfcamp, South		10 Proposed Pool 2

7 Surface Location

UL or lot No. M	Section 26	Township 18-S	Range 35-E	Lot. Ind	Feet from the 660	North/South Line South	Feet from the 660	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 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 3876'
16 Multiple No	17 Proposed depth 10,020'	18 Formation Wolfcamp	19 Contractor	20 Spud Date Re-completion-5/18/2005

Depth to Groundwater: approx 68'		Distance from nearest fresh water well 1/2 mile plus		Distance from nearest surface water: Playa - 1500 feet	
Pit: N/A	Liner: Synthetic Closed-Loop System	Clay	Pit Volume:	Drilling Method: Brine	Fresh Water Disel/Oil-Based Gas/Air

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	48#	449'	450	Sur
12-1/4	9-5/8	36#	3801'	1350	Sur.
8-3/4"	5-1/2"	20 & 17#	11,755'	688	7750'

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:

Set a Retrievable CIBP at 10,650'

Perforate Wolfcamp Formation at 9,950-10,020". Perform Acid job with 7500 gallons 15% NEFE.

Swab back, test and if commercial production established place on production. If not commercial alone, comeingle with existing Mississippian perforations from 10,722-26', 10,741-45', 10,759-63', 10,785-89'.

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

Permit Expires 1 Year From Approval**Date Unless Drilling Underway****Plugback**

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: 5/13/2005

Phone: 214-654-0132

OIL CONSERVATION DIVISION

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date:

MAY 17 2005

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

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

Form C-102
Revised August 15, 2000

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-03134	² Pool Code ✓	³ Pool Name Wildcat Vacuum; Wolfcamp, South
⁴ Property Code 22557	⁵ Property Name South Vacuum Unit 26	⁶ Well Number 261
⁷ OGRID No. 164070	⁸ Operator Name Paladin Energy Corp.	⁹ Elevation 3876'


¹⁰ Surface Location

UL or lot no. M	Section 26	Township 18-S	Range 35-E	Lot Idn	Feet from the 660	North/South line South	Feet from the 660	East/West line West	County Lea
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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 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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			<u>Sec 26, T18S, 35E</u>	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 Plasiance Printed Name VP Exploration & Production Title 5/13/2005 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>
S. Vacuum 26 -1 660 FSL, 660 FWL				Date of Survey Signature and Seal of Professional Surveyor: Certificate Number