

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
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505
RECEIVED
MAY 30 2013

Form C-101
May 27, 2004

Submit to Appropriate District Office

☐ 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 WC-025	5 Property Name South Vacuum Unit	3 API Number 30-025-37299
9 Proposed Pool 1 Wildcat Delaware	10 Proposed Pool 2	6 Well No. 275

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
H	27	18-S	35-E		1700	North	760	East	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
G	27	18-S	35-E		1371	North	1916	East	Lea

Additional Well Information

11 Work Type Code P	12 Well Type Code O	13 Cable/Rotary Rotary	14 Lease Type Code S	15 Ground Level Elevation 3887'
16 Multiple	17 Proposed depth 11,650'	18 Formation Woodford Shale	19 Contractor	20 Spud Date

Depth to Groundwater: approx 68'	Distance from nearest fresh water well 1/2 mile plus	Distance from nearest surface water: Playa - 1100 feet
Pit: Liner: Synthetic <input type="checkbox"/> Clay <input checked="" type="checkbox"/> Pit Volume: <input type="checkbox"/>	Drilling Method: Fresh Water <input type="checkbox"/>	Disel/Oil-Based <input type="checkbox"/> Gas/Air <input type="checkbox"/>
Closed-Loop System <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	48#	418'	535	Sur
12-1/4	9-5/8	40#	3,887'	1040	Sur
8-3/4"	7	26# & 29#	12,734'	635	7,110'
6-1/4"	5	18#	14,187'	250	12,367'

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 e-line, set CIBP at 8,700', isolate Bone Springs perms. GBIH with e-line, dump bail 35' of cement on bridge plug. Perforate the South Vacuum Delaware Formation from 6,910-7,000'. Swab back. R/D work string, if commercial P/U 2-7/8" tubing and TAC and set at 6,900' (+,-). Run rods and rod pumping equipemnt. Test and bing well on line.

Permit Expires 2 Years 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 info rmation 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: 5/28/2013 Phone: 214-654-0132

OIL CONSERVATION DIVISION

Approved by:

Title:

Petroleum Engineer

Approval Date:

05/31/13

Expiration Date:

05/31/15

Conditions of Approval:
Attached ☐

JUN 04 2013

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 DepartmentOIL 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 30-025-27299		² Pool Code 98026		³ Pool Name VC-025 G-03 S1835275; DELAWARE	
⁴ Property Code 22557		⁵ Property Name South Vacuum Unit			⁶ Well Number 275
⁷ OGRID No. 164070		⁸ Operator Name Paladin Energy Corp.			⁹ Elevation 3907'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	27	18-S	35-E		1700	North	760	East	Lea

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
G	27	18-S	35-E		1521	North	1468	East	Lea

¹² Dedicated Acres 80	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

<u>Sec 27, T18S, 35E</u> <div style="text-align: center;"> </div>	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 5/28/2013 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	