

District I
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Phone: (575) 393-6161 Fax: (575) 393-0720
District II
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Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
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State of New Mexico

Form C-101
Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

HOBBS OCD

AUG 27 2014

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

1. Operator Name and Address Paladin Energy Corp. 10290 Monroe Dr., Suite 301, Dallas, Texas 75229		2. OGRID Number 164070
		3. API Number 30-025-30855
4. Property Code 21139	5. Property Name Howard Fleet	6. Well No. 5

7. Surface Location

UL - Lot 1	Section 35	Township 13S	Range 37E	Lot Idn	Feet from 2250	N/S Line South	Feet From 600	E/W Line East	County Lea
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8. Proposed Bottom Hole Location

UL - Lot 1	Section 35	Township 13S	Range 37E	Lot Idn	Feet from 2417	N/S Line South	Feet From 422	E/W Line East	County Lea
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9. Pool Information

King Mississippian <GAS>	Pool Name	Pool Code 79540
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Additional Well Information

11. Work Type P	12. Well Type OG	13. Cable/Rotary R	14. Lease Type P	15. Ground Level Elevation 3843'
16. Multiple No	17. Proposed Depth 12,210'	18. Formation Mississippian	19. Contractor	20. Spud Date
Depth to Ground water 60'		Distance from nearest fresh water well 1/3 mile		Distance to nearest surface water 1/2 mile

☐ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
	17-1/2	13-3/8	54.5	415'	500	Sur
	11	8-5/8	32	4,525'	1600	1773'
	7-7/8	5-1/2	17	10,915'	1835	6561'
	4-3/4	3-1/2	9	12,582'	100	9417'

Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacture
Dual Ram	3000	5000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
I further certify that I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☐ if applicable.
Signature: *David Plaisance*

Printed name: David Plaisance

Title: VP

E-mail Address: dplaisance@paladinenergy.com

Date: 8/25/2014

Phone: 214-654-0132

OIL CONSERVATION DIVISION

Approved By:

Title: Petroleum Engineer

Approved Date: 08/29/14

Expiration Date: 08/29/16

Conditions of Approval Attached

E-PERMITTING - New Well

Comp P&A TA

CSNG Loc CHG

ReComp Add New Pool

Cancel Well Create Pool

AUG 29 2014

Work To Be Performed

Set retrievable bridge plug at 12,210', isolating Devonian perforations.
Perforate King Mississippian Formation from 11,470-11,480' & 11,520-11,580'.
Acidize perforations, swabbed back, set rod pumping equipment and test well.
If production is not economical in Mississippian alone, retrieve bridge plug
and co-mingle with Devonian perforations.