

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

**FORM ABS-15G**

**ASSET BACKED SECURITIZER REPORT**

Pursuant to Section 15G of the  
Securities Exchange Act of 1934

**HORIZON TECHNOLOGY FINANCE CORPORATION**

(Exact Name of Registrant as Specified in its Charter)

- Rule 15Ga-1(c)(1) under the Exchange Act (17 CFR 240.15Ga-1(c)(1)) for the reporting period \_\_\_\_\_ to \_\_\_\_\_.
- Rule 15Ga-1(c)(2)(i) under the Exchange Act (17 CFR 240.15Ga-1(c)(2)(i)) for the quarterly reporting period \_\_\_\_\_ to \_\_\_\_\_.
- Rule 15Ga-1(c)(2)(ii) under the Exchange Act (17 CFR 240.15Ga-1(c)(2)(ii)) for the annual reporting period ending December 31, 2014.

Date of Report (Date of earliest event reported): **January 23, 2015**

Commission File Number: **814-00802**

Central Index Key Number of securitizer: **0001503884**

Robert D. Pomeroy, Jr. (860) 676-8654

(Name and telephone number, including area code, of the person to contact in connection with this filing.)

Indicate by check mark whether the securitizer has no activity to report for the initial period pursuant to Rule 15Ga-1(c)(1)

Indicate by check mark whether the securitizer has no activity to report for the quarterly period pursuant to Rule 15Ga-1(c)(2)(i)

Indicate by check mark whether the securitizer has no activity to report for the annual period pursuant to Rule 15Ga-1(c)(2)(ii)

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**PART I – REPRESENTATION AND WARRANTY INFORMATION**

**Item 1.01 Initial Filing of Rule 15Ga-1 Representations and Warranties Disclosure.**

Not applicable.

**Item 1.02 Periodic Filing of Rule 15Ga-1 Representations and Warranties Disclosure.**

Pursuant to Rule 15Ga-1(c)(2)(ii), Horizon Technology Finance Corporation has indicated by check mark that there is no activity to report for the calendar year ended December 31, 2014.

**Item 1.03 Notice of Termination of Duty to File Reports under Rule 15Ga-1**

Not applicable.

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the reporting entity has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

Horizon Technology Finance Corporation  
(Securitizer)

Date: January 23, 2015

By: /s/Robert D. Pomeroy, Jr.  
Robert D. Pomeroy, Jr.  
Its Chief Executive Officer

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