BANK OF MONTREAL /CAN/ Form 8-A12B December 19, 2016

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

Form 8-A

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES PURSUANT TO SECTION 12(b) OR 12(g) OF THE THE SECURITIES EXCHANGE ACT OF 1934

Bank of Montreal

(Exact name of Registrant as specified in Its Charter)

Canada Not Applicable
(State or other jurisdiction (I.R.S. Employer
of incorporation or organization) Identification No.)

100 King Street West 1 First Canadian Place Toronto, Ontario Canada M5X 1A1

Not Applicable

(Address of principal executive office) (Zip Code)

Securities registered pursuant to Section 12(b) of the Act:

Name of each exchange on

which registered

Title of each class

BMO Elkhorn DWA MLP SelectTM Index Exchange Traded Notes due December 10, The Nasdaq Stock Market LLC 2036

If this form relates to the registration of a class of securities pursuant to Section 12 (b) of the Exchange Act and is effective pursuant to General Instruction A. (c), please check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12 (g) of the Exchange Act and is effective pursuant to General Instruction A. (d), please check the following box.

Securities Act registration statement file number to which this form relates: 333-196387 (if applicable)

Securities to be registered pursuant to Section 12 (g) of the Act: None

Item 1. Description of Registrant's Securities to be Registered.

The description of the BMO Elkhorn DWA MLP SelectTM Index Exchange Traded Notes due December 10, 2036 (the "Notes") of the registrant is incorporated herein by reference to (i) the sections captioned "Description of Debt Securities We May Offer" and "United States Federal Income Taxation" in the registrant's Prospectus, dated June 27, 2014, in the registrant's registration statement on Form F-3 (File No. 333-196387), (ii) the section captioned "Description of the Notes We May Offer" in the registrant's Prospectus Supplement, dated June 27, 2014, to the Prospectus and (iii) the registrant's Pricing Supplement, dated December 19, 2016. The outstanding principal amount of the Notes registered hereby may be increased from time to time in the future due to further issuances of Notes having substantially the same terms. If any such additional Notes are issued, a pricing supplement relating to them will be filed with the Securities and Exchange Commission and will be incorporated herein by reference. The Notes registered hereby are, and any additional Notes registered hereby in the future will be, all part of a single series and will have the same CUSIP number as described in the Pricing Supplement referenced above.

Item 2. Exhibits.

Senior Indenture, dated as of January 25, 2010, between the registrant and Wells Fargo Bank, National Association, 1. as trustee (incorporated by reference to Exhibit 4.1 to the registrant's Registration Statement on Form F 3 filed with the Commission on May 4, 2011 (file number 333-173924)).

Pricing Supplement, dated December 19, 2016, to the registrant's Prospectus, dated June 27, 2014, and Prospectus 2. Supplement, dated June 27, 2014, incorporated herein by reference to the registrant's filing pursuant to Rule 424(b), filed on December 19, 2016.

3. Form of BMO Elkhorn DWA MLP SelectTM Index Exchange Traded Notes due December 10, 2036.

2

SIGNATURES

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

BANK OF MONTREAL

Date: December 19, 2016

By: /s/ Deland Kamanga Name: Deland Kamanga

Title: Managing Director and Co-Head

Global Structured Products

3

EXHIBIT INDEX

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3