

ALEXCO RESOURCE CORP
Form 6-K
March 30, 2017

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 6-K

REPORT OF FOREIGN PRIVATE ISSUER

PURSUANT TO RULE 13a-16 OR 15d-16

UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of March 2017. Commission File Number 001-33621

ALEXCO RESOURCE CORPORATION

(Translation of registrant's name into English)

Suite 1225, Two Bentall Centre

555 Burrard Street, Box 216

Vancouver, BC V7X 1M9 Canada

(Address of principal executive office)

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Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F o Form 40-F ý

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): []

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): []

SUBMITTED HEREWITH

Exhibit

- 99.1 Technical Report
- 99.2 Qualified Person Consent - David Farrow
- 99.3 Qualified Person Consent - Dr. Gilles Arseneau
- 99.4 Qualified Person Consent - Torben Jensen
- 99.5 Qualified Person Consent - R. Dennis Bergen
- 99.6 Qualified Person Consent - Jeffery B. Austin

SIGNATURES

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

**ALEXCO
RESOURCE
CORP.**
(Registrant)

By: */s/ Mike Clark*
Mike Clark

Date: March 30, 2017

Chief Financial
Officer