

ALEXCO RESOURCE CORP  
Form 6-K  
March 24, 2016

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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** 2016

Commission File Number: 001-33621

ALEXCO RESOURCE CORPORATION  
(Translation of registrant's name into English)

Suite 1150-200 Granville Street  
Vancouver, British Columbia, Canada V6C 1S4  
(Address of principal executive offices)

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

[  ] Form 20-F [  ] Form 40-F

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): [  ]

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SUBMITTED HEREWITH

Exhibits

99.1 Alexco Reports Fourth Quarter and Year End 2015 Results

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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)

Date: March 23, 2016 By: /s/ Mike Clark  
Mike Clark  
Chief Financial Officer

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