

ALEXCO RESOURCE CORP  
Form F-X  
January 19, 2010

**U.S. SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**  
**FORM F-X**

**Appointment of Agent For Service of Process  
And Undertaking**

A. Name of issuer or person filing ( Filer ): **Alexco Resource Corp.**

B. (1) This is [check one]:

an original filing for the Filer

an amended filing for the Filer

(2) Check the following box if you are filing the Form F-X in paper in accordance with Regulation S-T Rule 101(b)(9)

C. Identify the filing in conjunction with which this form is being filed:

|  |   |
|--|---|
| Name of Registrant:                              | <b>Alexco Resource Corp.</b>                            |
| Form type:                                       | <b>Registration Statement on Form F-10</b>              |
| File Number (if known):                          | <b>Not Known</b>  |
| Filed by:  | <b>Alexco Resource Corp.</b>                            |
| Date Filed (if filed concurrently, so indicate): | <b>January 19, 2010<br/>concurrently with Form F-10</b> |

D. Filer is incorporated or organized under the laws of **Canada** and has its principal place of business at:  
**Suite 1150-200 Granville Street**  
**Vancouver, British Columbia, Canada V6C 1S4**  
**(604) 633-4888**

E. Filer designates and appoints **Alexco Resource U.S. Corp.** ( Agent ), located at **Suite I-102, 88 Inverness Circle East, Englewood, Colorado 80112** telephone number **(303) 862-3929**, as the agent of the Filer upon whom

(a) any investigation or administrative proceeding conducted by the Commission; and

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(b) any civil suit or action brought against the Filer or to which the Filer has been joined as defendant or respondent, in any appropriate court in any place subject to the jurisdiction of any state or of the United States or of any of its territories or possessions or of the District of Columbia, where the investigation, proceeding or cause of action arises out of or relates to or concerns any offering made or purported to be made in connection with the securities registered or qualified by the Filer on **Form F-10 on January 19, 2010**, or any purchases or sales of any security in connection therewith. The Filer stipulates and agrees that any such civil suit or action or administrative proceeding may be commenced by the service of process upon, and that service of an administrative subpoena shall be effected by service upon such agent for service of process, and that service as aforesaid shall be taken and held in all courts and administrative tribunals to be valid and binding as if personal service thereof had been made.

F. The Filer stipulates and agrees in connection with the use of Form F-10 to appoint a successor agent for service of process and file an amended Form F-X if the Filer discharges the Agent or the Agent is unwilling or unable to accept service on behalf of the Filer at any time until six years have elapsed from the date the Filer has ceased reporting under the Exchange Act;

The Filer further undertakes to advise the Commission promptly of any change to the Agent's name or address during the applicable period by amendment of this Form, referencing the file number of the relevant form in conjunction with which the amendment is being filed.

G. The Filer undertakes to make available, in person or by telephone, representatives to respond to inquiries made by the Commission staff, and to furnish promptly, when requested to do so by the Commission staff, information relating to the Form F-10; the securities to which the Form F-10 relates; and the transactions in such securities.

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**SIGNATURES**

The Filer certifies that it has duly caused this power of attorney, consent, stipulation and agreement to be signed on its behalf by the undersigned, thereto duly authorized, in the City of Vancouver, British Columbia, Country of Canada this 19th day of January 2010.

**Alexco Resource Corp.**

By: /s/ David Whittle

Name: David Whittle

Title: Corporate Secretary

Dated: January 19, 2010

This statement has been signed by the following person in the capacity and on the date indicated:

**Alexco Resource U.S. Corp.**

(Agent for Service)

By: /s/ David Whittle

Name: David Whittle

Title: Chief Financial Officer

Dated: January 19, 2010