

CLEARBRIDGE AMERICAN ENERGY MLP FUND INC.

Form N-23C-2

December 21, 2015

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

RULE 23C-2 NOTICE OF INTENTION TO REDEEM SECURITIES

of

ClearBridge American Energy MLP Fund Inc.

620 Eighth Avenue

New York, New York 10018

(888) 777-0102

under the

Investment Company Act of 1940

Investment Company Act File No. 811-22805

The undersigned registered closed-end investment company hereby notifies the Securities and Exchange Commission (the Commission) that it intends to call or redeem securities of which it is the issuer, as set forth below in accordance with the requirements of Rule 23c-2 under the Investment Company Act of 1940, and states that, pursuant to permission granted by the Commission staff, it is filing this notice with the Commission fewer than 30 days prior to the date set for the redemption.

1. Title of the class of securities of ClearBridge American Energy MLP Fund Inc. (the Fund) to be called or redeemed:  
Series A Senior Secured Notes due October 15, 2018 (CUSIP # PPN 184691 A\*4) (the Series A Notes).  
Series B Senior Secured Notes due October 15, 2020 (CUSIP # PPN 184691 A@2) (the Series B Notes).  
Series C Senior Secured Notes due October 15, 2023 (CUSIP # PPN 184691 A#0) (the Series C Notes).  
Series D Senior Secured Notes due October 15, 2025 (CUSIP # PPN 184691 B\*3) (the Series D Notes and together with the Series A Notes, the Series B Notes and the Series C Notes, the Notes).

2. The date on which the securities are to be called or redeemed:  
The Notes will be prepaid on December 30, 2015.

3. The applicable provisions of the governing instrument pursuant to which the securities are to be called or redeemed:

The Notes are being prepaid pursuant to Section 8.2.2 of the Note Purchase Agreement, dated as of October 15, 2013.

4. The principal amount or number of shares to be called or redeemed and the basis upon which the securities to be called or redeemed are to be selected:

The Fund will prepay \$9,000,000 aggregate principal amount of its outstanding Series A Notes.

The Fund will prepay \$10,000,000 aggregate principal amount of its outstanding Series B Notes.

The Fund will prepay \$14,000,000 aggregate principal amount of its outstanding Series C Notes.

The Fund will prepay \$12,000,000 aggregate principal amount of its outstanding Series D Notes.

The principal amount of the Notes to be prepaid will be allocated among all the Notes outstanding in proportion, as nearly as practicable, to the respective unpaid principal amounts thereof.

SIGNATURE

Pursuant to the requirement of Rule 23c-2 of the Investment Company Act of 1940, the Fund has duly caused this Notice of Intention to Redeem Securities to be signed on its behalf by the undersigned on this 21st day of December, 2015.

CLEARBRIDGE AMERICAN ENERGY  
MLP

FUND INC.

By: /s/ George P. Hoyt

Name: George P. Hoyt

Title: Assistant Secretary