

SandRidge Mississippian Trust I  
Form 8-A12B  
April 04, 2011

**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 (g) OF THE**  
**SECURITIES EXCHANGE ACT OF 1934**

**SandRidge Mississippian Trust I**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State of incorporation or organization)

**919 Congress Avenue, Suite 500, Austin, Texas**  
(Address of principal executive offices)

**20-8084793**  
(I.R.S. Employer Identification Number)

**78701**  
(Zip Code)

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

<b>Title of each class to be registered</b>	<b>Name of each exchange on which each class is to be registered</b>
Common Units of Beneficial Interest	New York Stock Exchange

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), 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), check the following box.

Securities Act registration statement file number to which this form relates: 333-171551.

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

**Item 1. Description of Securities To Be Registered**

A description of the common units of beneficial interest in SandRidge Mississippian Trust I (the Registrant) is set forth under the captions Description of the Trust Units, Target Distributions and Subordination and Incentive Thresholds, Description of the Trust Agreement, and U.S. Federal Income Tax Considerations in the Registrant's Registration Statement on Form S-1 (Registration No. 333-171551), initially filed with the Securities and Exchange Commission on January 5, 2011 under the Securities Act of 1933, as amended, and will be set forth in any prospectus filed in accordance with Rule 424(b) thereunder, which description is incorporated herein by reference.

**Item 2. Exhibits**

None. Pursuant to the Instructions as to Exhibits with respect to Form 8-A, no exhibits are required to be filed, because no other securities of the Registrant are registered on the New York Stock Exchange and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

**SIGNATURE**

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

SandRidge Mississippian Trust I

By: SandRidge Energy, Inc.

By: /s/ Philip T. Warman

Name: Philip T. Warman

Title: Senior Vice President and General Counsel

Date: April 4, 2011