

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

**POST-EFFECTIVE AMENDMENT NO. 1 TO  
FORM S-4 REGISTRATION STATEMENT NO. 333-200383**  
*UNDER  
THE SECURITIES ACT OF 1933*

**TARGA RESOURCES PARTNERS LP**  
(Exact name of registrant as specified in its charter)

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

**65-1295427**  
(I.R.S. Employer  
Identification Number)

**1000 Louisiana, Suite 4300  
Houston, Texas 77002  
(713) 584-1000**

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

*Name, address, including zip code, and telephone  
number, including area code, of agent for service:*

**Joe Bob Perkins  
Chief Executive Officer  
Targa Resources Partners LP  
1000 Louisiana, Suite 4300  
Houston, Texas 77002  
(713) 584-1000**

*Copy of communications to:*

**Christopher Collins  
Vinson & Elkins L.L.P.  
1001 Fannin Street, Suite 2500  
Houston, Texas 77002  
(713) 758-2222**

**Approximate date of commencement of proposed sale to the public:** Not applicable. Removal from registration of securities that were not sold pursuant to this registration statement.

If the securities being registered on this Form are being offered in connection with the formation of a holding company and there is compliance with General Instruction G, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer  Accelerated filer   
Non-accelerated filer  (Do not check if a smaller reporting company) Smaller reporting company

## DEREGISTRATION OF SECURITIES

This Post-Effective Amendment relates to the Registration Statement (Registration No. 333-200383) of Targa Resources Partners LP, a Delaware limited partnership (the "Partnership"), filed on November 20, 2014, as amended on December 24, 2014, January 20, 2015, January 22, 2015 and declared effective on January 22, 2015, pertaining to the registration of 34,249,408 common units representing limited partner interests in the Partnership ("Common Units") in the amount of \$1,863,622,441 in connection with the merger with Atlas Pipeline Partners, L.P.

On February 17, 2016, the Partnership was acquired by Targa Resources Corp. ("TRC"), pursuant to the Agreement and Plan of Merger (the "Merger Agreement"), by and among the Partnership, TRC, Spartan Merger Sub LLC and Targa Resources GP LLC. Pursuant to the Merger Agreement, TRC acquired indirectly all of the outstanding Common Units that TRC and its subsidiaries did not already own.

As a result of the completion of the transactions contemplated by the Merger Agreement, the Partnership has terminated all offerings of securities pursuant to the Registration Statement. In accordance with an undertaking made by the Partnership in the Registration Statement to remove from registration, by means of post-effective amendment, any of the securities that had been registered for issuance that remain unsold at the termination of such offering, the Partnership hereby removes from registration all of such securities registered but unsold under the Registration Statement.

**SIGNATURES**

Pursuant to the requirements of the Securities Act, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-4 and has duly caused this Post-Effective Amendment to the Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Houston, in the State of Texas, on this 23rd day of February, 2016.

**TARGA RESOURCES PARTNERS LP**

By: TARGA RESOURCES GP LLC,  
its General Partner

By: /s/ Matthew J. Meloy  
Name: Matthew J. Meloy  
Title: Executive Vice President and Chief Financial Officer

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment to the Registration Statement has been signed below by the following persons on behalf of the registrant and in the capacities indicated on February 23, 2016.

<u>Name</u>	<u>Title</u>	<u>Date</u>
* _____ Job Bob Perkins	Chief Executive Officer and Director (Principal Executive Officer)	February 23, 2016
/s/ Matthew J. Meloy _____ Matthew J. Meloy	Executive Vice President and Chief Financial Officer (Principal Financial Officer)	February 23, 2016
* _____ John R. Sparger	Senior Vice President and Chief Accounting Officer (Principal Accounting Officer)	February 23, 2016
* _____ James W. Whalen	Executive Chairman of the Board	February 23, 2016
* _____ Rene R. Joyce	Director	February 23, 2016
* _____ Barry R. Pearl	Director	February 23, 2016
* _____ Robert B. Evans	Director	February 23, 2016
* _____ Ruth I. Dreessen	Director	February 23, 2016

\*By:

/s/ Matthew J. Meloy  
Matthew J. Meloy  
Attorney-In-Fact