

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 May, 2013

Commission File Number: 001-14946

CEMEX, S.A.B. de C.V.

(Translation of Registrant's name into English)

Avenida Ricardo Margáin Zozaya #325, Colonia Valle del Campestre

Garza García, Nuevo León, México 66265

(Address of principal executive office)

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):

Contents

1. Press release, dated May 30, 2013, announcing CEMEX, S.A.B. de C.V.'s (NYSE:CMX) intention to expand production capacity at its Odessa, Texas cement plant.
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SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, CEMEX, S.A.B. de C.V. has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CEMEX, S.A.B. de C.V.
(Registrant)

Date: May 30, 2013

By: /s/ Rafael Garza
Name: Rafael Garza
Title: Chief Comptroller

EXHIBIT INDEX

EXHIBIT NO.

DESCRIPTION

1. Press release, dated May 30, 2013, announcing CEMEX, S.A.B. de C.V.'s (NYSE:CMX) intention to expand production capacity at its Odessa, Texas cement plant.

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CEMEX TO EXPAND CAPACITY OF TEXAS CEMENT PLANT

- Expansion will help meet growing demand for construction and specialty well cements for the oil and gas industry

MONTERREY, MEXICO AND HOUSTON, TEXAS – May 30, 2013 – CEMEX, S.A.B. de C.V. ("CEMEX") (NYSE: CX), announced today that it plans to expand the production capacity at its Odessa, Texas cement plant by 345,000 metric tons to nearly 900,000 metric tons per year in order to keep pace with rapidly growing demand in its West Texas market led mainly by the oil and gas industry. By leveraging existing assets and producing value-added products, the company expects to achieve strong returns on its investment.

"This expansion reinforces our longstanding history of serving West Texas and the oil and gas industry by providing superior products coupled with superior customer service," said Karl Watson, Jr., President of CEMEX USA. "We look forward to remaining a top cement provider to the oil and gas industry as well as supporting the region's growth in infrastructure and residential construction."

The demand for specialty cement products used in well construction is growing as a result of the use of more efficient extraction technologies, such as horizontal drilling and hydraulic fracturing. Oil wells using this technology typically reach depths of thousands of feet. Specialty well cement is required for the complex application and extreme conditions to which these wells are exposed.

The expansion will utilize state of the art production technology resulting in higher fuel efficiency and improved productivity. The expansion will also include an improved higher capacity load out system, allowing for a more efficient truck loading process to accommodate the region's growing demand for cement.

CEMEX is a global building materials company that provides high-quality products and reliable services to customers and communities in more than 50 countries. CEMEX has a rich history of improving the well-being of those it serves through innovative building solutions, efficiency advancements, and efforts to promote a sustainable future.

For more information, please visit:



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