

LYONDELL CHEMICAL CO  
Form SC 13D/A  
May 11, 2007

**UNITED STATES  
SECURITIES AND EXCHANGE  
COMMISSION**

Washington, D.C. 20549

**SCHEDULE 13D**  
Under the Securities Exchange Act of 1934  
(Amendment No. 7)

**Lyondell Chemical Company**

(Name of Issuer)

**Common Stock**

(Title of Class of Securities)

**552078**

(CUSIP Number)

**Donald P. de Brier, Esq.**  
**Occidental Petroleum Corporation**  
**10889 Wilshire Boulevard**  
**Los Angeles, California 90024**  
**(310) 208-8800**

(Name, Address and Telephone Number of Person  
Authorized to Receive Notices and Communications)

**May 9, 2007**

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.



CUSIP No. 552078

1. Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)  
Occidental Petroleum Corporation  
95-4035997
  2. Check the Appropriate Box if a Member of a Group
    - (a)
    - (b)
  3. SEC Use Only
  4. Source of Funds  
WC, OO
  5. Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)
  6. Citizenship or Place of Organization  
Delaware
- |   |     |                          |  |
|---|-----|--------------------------|--|
|   | 7.  | Sole Voting Power        |  |
| Number of<br>Shares<br>Beneficially<br>Owned by<br>Each<br>Reporting<br>Person With |     | 0                        |  |
|   | 8.  | Shared Voting Power      |  |
|   |     | 14,000,000               |  |
|   | 9.  | Sole Dispositive Power   |  |
|   |     | 0                        |  |
|   | 10. | Shared Dispositive Power |  |
|   |     | 14,000,000               |  |
11. Aggregate Amount Beneficially Owned by Each Reporting Person  
14,000,000
  12. Check if the Aggregate Amount in Row (11) Excludes Certain Shares
  13. Percent of Class Represented by Amount in Row (11)  
5.5% (1)
  14. Type of Reporting Person  
CO

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(1) Calculated based on a total number of outstanding shares of Common Stock of 252,810,861 as of March 5, 2007, as reported by the Issuer in its Definitive Proxy Statement on Schedule 14A, filed with the Securities and Exchange Commission on March 8, 2007.

CUSIP No. 552078

1. Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)  
Occidental Petroleum Investment Co.  
95-2584267
2. Check the Appropriate Box if a Member of a Group
  - (a)
  - (b)
3. SEC Use Only
4. Source of Funds  
WC, OO
5. Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e)
6. Citizenship or Place of Organization  
California
  7. Sole Voting Power  
0
  8. Shared Voting Power  
14,000,000
  9. Sole Dispositive Power  
0
  10. Shared Dispositive Power  
14,000,000
11. Aggregate Amount Beneficially Owned by Each Reporting Person  
14,000,000
12. Check if the Aggregate Amount in Row (11) Excludes Certain Shares
13. Percent of Class Represented by Amount in Row (11)  
5.5% (2)
14. Type of Reporting Person  
CO

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

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(2) Calculated based on a total number of outstanding shares of Common Stock of 252,810,861 as of March 5, 2007, as reported by the Issuer in its Definitive Proxy Statement on Schedule 14A, filed with the Securities and Exchange Commission on March 8, 2007.

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CUSIP No. 552078

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|-----|--|
| 1.  | Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)<br>Occidental Chemical Holding Corporation<br>95-2865897 |
| 2.  | Check the Appropriate Box if a Member of a Group<br>(a) <input type="radio"/><br>(b) <input type="radio"/>                                       |
| 3.  | SEC Use Only   |
| 4.  | Source of Funds<br>WC, OO  |
| 5.  | Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) <input type="radio"/>  |
| 6.  | Citizenship or Place of Organization<br>California   |
| 7.  | Sole Voting Power<br>0   |
| 8.  | Shared Voting Power<br>14,000,000  |
| 9.  | Sole Dispositive Power<br>0  |
| 10. | Shared Dispositive Power<br>14,000,000   |
| 11. | Aggregate Amount Beneficially Owned by Each Reporting Person<br>14,000,000   |
| 12. | Check if the Aggregate Amount in Row (11) Excludes Certain Shares <input type="radio"/>  |
| 13. | Percent of Class Represented by Amount in Row (11)<br>5.5% (3)   |
| 14. | Type of Reporting Person<br>CO   |

Number of  
Shares  
Beneficially  
Owned by  
Each  
Reporting  
Person With

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(3) Calculated based on a total number of outstanding shares of Common Stock of 252,810,861 as of March 5, 2007, as reported by the Issuer in its Definitive Proxy Statement on Schedule 14A, filed with the Securities and Exchange Commission on March 8, 2007.

This Amendment No. 7 (this Amendment ) amends the Schedule 13D previously filed by Occidental Petroleum Corporation, a Delaware corporation ( Occidental ), Occidental Petroleum Investment Co., a California corporation ( OPIC ), and Occidental Chemical Holding Corporation, a California corporation ( OCHC and, together with Occidental and OPIC, the Reporting Persons ), with respect to the Reporting Persons' beneficial ownership in Lyondell Chemical Company ( Lyondell ). This Amendment is being filed to disclose a change in Items 4, 5 and 6 to the previously filed Schedule 13D.

Except as otherwise set forth herein, this Amendment No. 7 does not modify any of the information previously reported by the Reporting Persons in Schedule 13D.

Item 4. Purpose of Transaction

As described in Item 5(c), Occidental sold 6,990,070 shares of common stock, par value \$1.00 per share ( Common Stock ), of Lyondell on May 9, 2007.

Other than as set forth in this Schedule 13D, Occidental currently has no plans that relate to, or would result in, any of the actions listed in clauses (a) through (j) of Item 4 of Schedule 13D. As discussed in Item 5 below with respect to the shares subject to the Swap Agreement (as defined below), OCHC has a current intention to sell its remaining 14,000,000 shares of Common Stock in open market sales over the next few months, although OCHC is not obligated to do so. Moreover, Occidental regularly reviews and analyzes its investments and other operations, including its investments in Lyondell, in order to determine whether value for Occidental's stockholders is best served by holding those investments, increasing, disposing of, or monetizing those investments, or recapitalizing or otherwise restructuring those investments. With respect to the Lyondell investment, these reviews and analyses depend on a variety of factors, including, without limitation, the price of, and other market conditions relating to, Lyondell's Common Stock, the investment return on the shares of Lyondell Common Stock owned by the Reporting Persons, Lyondell's business and prospects, other investment and business opportunities available to Occidental, general stock market and economic conditions, tax considerations, and other factors deemed relevant.

Item 5. Interest in Securities of the Issuer

Item 5 is amended as follows:

(a)-(b) OCHC directly owns 14,000,000 shares of Common Stock representing approximately 5.5% of the issued and outstanding shares of Common Stock as of March 5, 2007.

As the sole stockholder of OCHC, OPIC may be deemed to be the beneficial owner of, and for purposes of Rule 13d-3 under the Act, to have the shared power to vote or direct the vote of and shared power to dispose or direct the disposition of, the 14,000,000 shares of Common Stock held by OCHC.

As the sole stockholder of OPIC, Occidental may be deemed to be the beneficial owner of, and for purposes of Rule 13d-3 under the Act, to have the shared power to vote or direct the vote of and shared power to dispose or direct the disposition of, the 14,000,000 shares of Common Stock held by OCHC.

(c) On May 4, 2007, Occidental and OCHC entered into a Purchase Agreement (the Purchase Agreement ) with Merrill Lynch, Pierce, Fenner & Smith Incorporated ( Merrill ) pursuant to which OCHC agreed to sell to Merrill, and Merrill agreed to purchase, in a private placement (the Private Sale ) from OCHC, 6,990,070 shares of Common Stock at a price of more than \$32 per share. The Private Sale settled on May 9, 2007. Before the Private Sale, the Reporting Persons, directly or indirectly, held Common Stock representing approximately 8.3% of the issued and outstanding shares of Lyondell as of March 5, 2007. After the Private Sale, and as of the date of this report, the Reporting Persons, directly or indirectly, hold Common Stock representing approximately 5.5% of the issued and outstanding shares of Lyondell as of March 5, 2007.

OCHC is also a party to a total return swap agreement dated May 4, 2007, with Merrill (together, with OCHC, the Parties , and individually, a Party ) with respect to 14,000,000 shares of Lyondell's Common Stock (the Swap Agreement ). The Swap Agreement will enable Occidental to realize a similar market price with respect to future sales of such shares. OPC has guaranteed payment of OCHC's obligations under the Swap Agreement. OCHC has a current intention to sell its remaining 14,000,000 shares of Common Stock in open market sales over the next few months, although it is not obligated to do so. The precise timing and amount of such sales has not yet been determined, but OCHC expects to complete sales in daily transactions, subject to the volume limitations contained in Rule 144.

(d) Not applicable.

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(e) Not applicable

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer  
Item 6 is hereby amended and restated in its entirety as follows:

The information set forth in Item 5 hereof is incorporated herein by reference. The foregoing description of the Purchase Agreement is a summary and all statements made herein related to the Purchase Agreement are qualified in their entirety by reference to the full text of the agreement, which is filed as Exhibit 6, and is incorporated herein by reference.

Item 7. Material to Be Filed as Exhibits

Exhibit 6 Purchase Agreement dated as of May 4, 2007, by and among Merrill Lynch, Pierce, Fenner & Smith Incorporated, Occidental Petroleum Corporation and Occidental Chemical Holding Corporation.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: May 11, 2007

OCCIDENTAL PETROLEUM CORPORATION

By: /s/ JIM A. LEONARD  
Name: Jim A. Leonard  
Title: Vice President, Controller and Principal Accounting Officer

OCCIDENTAL PETROLEUM INVESTMENT CO.

By: /s/ JIM A. LEONARD  
Name: Jim A. Leonard  
Title: President

OCCIDENTAL CHEMICAL HOLDING CORPORATION

By: /s/ JIM A. LEONARD  
Name: Jim A. Leonard  
Title: Vice President

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