

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	
OMB Number:	3235-0362
Estimated average burden hours per response:	1.0

- Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
- Form 3 Holdings Reported.
- Form 4 Transactions Reported.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>OCCIDENTAL PETROLEUM CORP /DE/</u> (Last) (First) (Middle) <u>10889 WILSHIRE BOULEVARD</u> (Street) <u>LOS ANGELES CA 90024</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>LYONDELL CHEMICAL CO [LYO]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) <u>12/31/2003</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			
Common Stock							2,700,000	I	by wholly owned subsidiary
Series B Common Stock							36,823,421 ⁽¹⁾	I	by wholly owned subsidiary

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					(A)	(D)	Date Exercisable	Expiration Date						Title
Warrants	\$25						08/22/2002	08/22/2007	Common Stock	5,000,000		5,000,000	I	by wholly owned subsidiary

1. Name and Address of Reporting Person*
OCCIDENTAL PETROLEUM CORP /DE/
 (Last) (First) (Middle)
10889 WILSHIRE BOULEVARD
 (Street)
LOS ANGELES CA 90024
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
OCCIDENTAL CHEMICAL HOLDING CORP
 (Last) (First) (Middle)
10889 WILSHIRE BOULEVARD
 (Street)
LOS ANGELES CA 90024
 (City) (State) (Zip)

(City)	(State)	(Zip)
1. Name and Address of Reporting Person*		
<u>OCCIDENTAL PETROLEUM INVESTMENT CORP</u>		
(Last)	(First)	(Middle)
10889 WILSHIRE BOULEVARD		
(Street)		
LOS ANGELES	CA	90024
(City)	(State)	(Zip)

Explanation of Responses:

1. Includes 512,449 shares received pursuant to stock dividends paid on Lyondell Chemical Company's Series B Common Stock on December 31, 2003.

/s/ J.R. HAVERT, Vice
President and Treasurer

02/13/2004

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

JOINT FILER INFORMATION

Name: Occidental Chemical Holding Corporation
Address: 10889 Wilshire Boulevard
Los Angeles, California 90024
Designated Filer: Occidental Petroleum Corporation
Issuer & Ticker Symbol: Lyondell Chemical Company (LYO)
Date of Event Requiring Statement: 12/31/2003
Signature: OCCIDENTAL CHEMICAL HOLDING CORPORATION

By: /s/ J. R. HAVERT

J. R. Havert
Vice President and Treasurer

JOINT FILER INFORMATION

Name: Occidental Petroleum Investment Co.
Address: 10889 Wilshire Boulevard
Los Angeles, California 90024
Designated Filer: Occidental Petroleum Corporation
Issuer & Ticker Symbol: Lyondell Chemical Company (LYO)
Date of Event Requiring Statement: 12/31/2003
Signature: OCCIDENTAL PETROLEUM INVESTMENT CO.

By: /s/ J. R. HAVERT

J. R. Havert
Vice President and Treasurer