

CHEVRON CORP  
Form 11-K  
June 25, 2010

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D. C. 20549

**FORM 11-K**

**x ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

**For the fiscal year ended December 31, 2009.**

**OR**

**.. TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

**For the transition period from \_\_\_\_\_ to \_\_\_\_\_**

**Commission file number 001-00368**

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

**CHEVRON MINING INC. TAX DEFERRED SAVINGS PLAN FOR THE NORTH RIVER MINE**

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

**Chevron Corporation**

**6001 Bollinger Canyon Road**

**San Ramon, CA 94583**

**SIGNATURES**

The Plan. Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

Date June 25, 2010

/s/ Kari H. Endries  
Chevron Mining Inc., Plan Administrator  
By: Kari H. Endries, Vice President and Assistant Secretary  
Chevron Mining Inc.

**EXHIBIT INDEX**

**Exhibit**

<b>No.</b>	<b>Description</b>
1	Consent of Independent Registered Public Accounting Firm, dated June 24, 2010.
2	Financial Statements of the CMI Tax Deferred Savings Plan for the fiscal year ended December 31, 2009, prepared in accordance with the financial reporting requirements of ERISA.