FIDUCIARY/CLAYMORE MLP OPPORTUNITY FUND Form N-Q April 25, 2014

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number: 811-21652

Fiduciary/Claymore MLP Opportunity Fund (Exact name of registrant as specified in charter)

227 West Monroe Street, Chicago, IL 60606 (Address of principal executive offices)(Zip code)

Amy J. Lee

227 West Monroe Street, Chicago, IL 60606 (Name and address of agent for service)

Registrant's telephone number, including area code: (630) 505-3700

Date of fiscal year end: November 30

Date of reporting period: December 1, 2013 – February 28, 2014

Item 1. Schedule of Investments. Attached hereto.

FMO Fiduciary/Claymore MLP Opportunity Fund Portfolio of Investments February 28, 2014 (unaudited)

Number			
of Shares		Description	Value
		Long-Term Investments - 157.0%	
		Master Limited Partnerships - 156.1%	
		Coal - 3.0%	
	217,425	Alliance Holdings GP, LP	\$
			13,523,835
	120,840	Alliance Resource Partners, LP	10,411,574
	365,000	Oxford Resource Partners, LP(a) (b)	430,700
			24,366,109
		Diversified Infrastructure - 41.1%	
	343,406	Enbridge Energy Management, LLC(a) (b) (c)	9,186,110
	504,954	Enbridge Energy Partners, LP(a)	13,896,334
	2,903,830	Energy Transfer Equity, LP(a)	126,752,179
	229,237	Energy Transfer Partners, LP(a)	12,729,531
	1,420,925	Enterprise Products Partners, LP(a)	95,358,277
	397,703	Kinder Morgan Energy Partners, LP(a)	29,537,402
	728,491	Kinder Morgan Management, LLC(a) (b) (c)	50,848,672
			338,308,505
		Gathering & Processing - 26.9%	
	561,290	Access Midstream Partners, LP	31,684,821
	356,062	Atlas Pipeline Partners, LP	10,945,346
	475,135	Crosstex Energy, LP	14,676,920
	1,005,404	DCP Midstream Partners, LP(a)	49,063,715
564,325	MarkWest Energy Parti	ners, LP(a)	36,032,151
151,255	QEP Midstream Partner	rs, LP	3,232,319
768,160	Southcross Energy Part	ners, LP	13,519,616
262,530 Targa Resources Partners, LP(a)		ers, LP(a)	14,095,236
562,810	Western Gas Equity Pa	rtners, LP	24,189,574
383,290	Western Gas Partners, l	LP(a)	24,258,424
			221,698,122
	Marine Transportation		
362,360	Golar LNG Partners, Ll	P (Marshall Islands)(a)	10,946,896
29,035			
741,510	Teekay Offshore Partne	ers, LP (Marshall Islands)(a)	24,291,868
			36,072,068

3,659,467	Crestwood Equity Partners, LP(a)	49,073,452
2,155,217	Crestwood Midstream Partners, LP(a)	48,255,309
535,000	ONEOK Partners, LP(a)	28,413,850
189,460	Tallgrass Energy Partners, LP	5,935,782
1,893,970	Williams Partners, LP(a)	93,959,852
		225,638,245
	Midstream Oil - 42.9%	
95,282	Arc Logistics Partners, LP	1,919,932
1,270,081	Buckeye Partners, LP(a)	93,008,032
397,285	Delek Logistics Partners, LP	13,428,233
671,775	Genesis Energy, LP(a)	36,947,625
1,219,387	Magellan Midstream Partners, LP(a)	82,515,918
20,000	MPLX, LP	976,200
103,021	Oiltanking Partners, LP	7,130,083
1,536,892	Plains All American Pipeline, LP(a)	83,253,440
180,830	Rose Rock Midstream, LP	7,037,904
351,530	Tesoro Logistics, LP	21,162,106
52,350	Valero Energy Partners, LP	1,936,426
168,065	World Point Terminals, LP	3,507,517
		352,823,416
	Natural Gas Pipelines & Storage - 4.6%	
280,152	El Paso Pipeline Partners, LP(a)	8,418,567
626,740	TC PipeLines, LP(a)	29,218,619
		37,637,186
	Other Master Limited Partnerships - 1.5%	
423,095	Exterran Partners, LP	12,692,850
	Upstream - 4.3%	
1,005,459	EV Energy Partners, LP(a)	35,271,502
	Total Master Limited Partnerships - 156.1%	
	(Cost \$656,446,742)	1,284,508,003
	Common Stock - 0.9%	
	Diversified Infrastructure - 0.9%	
220,165	Kinder Morgan, Inc.(a)	7,012,255
	(Cost \$7,647,839)	
Principal		
Amount	Description	Value
	Term Loans - 0.0%*	
\$413,329	Clearwater Subordinated Note NR(b) (d) (e) (f) (g)	86,799
	(Cost \$413,329)	
	Total Investments - 157.0%	
	(Cost \$664,507,910)	1,291,607,057
	Liabilities in excess of Other Assets - (25.5%)	(209,770,103)

Borrowings - (31.5% of Net Assets or 20.1% of Total Investments) (259,000,000) Net Assets - 100.0% \$ 822,836,954

LLC - Limited Liability Company

LP - Limited Partnership

^{*} Represents less than 0.1% of net assets.

(a)	All or a portion of these securities have been physically segregated. As of
	February 28, 2014, the total amount segregated was \$616,800,376, of which
	\$613,270,596 is related to the outstanding line of credit.
(b)	Non-income producing security.
(c)	While non-income producing, security makes regular in-kind distributions
(d)	Security is restricted and may be resold only in transactions exempt from
	registration, normally to qualified institutional buyers. At February 28, 2014,
	restricted securities aggregate market value amounted to \$86,799 or less than
	0.1% of net assets.
(e)	Security is valued based on observable and/or unobservable inputs in
	accordance with Fair Valuation procedures established in good faith by
	management and approved by the Board of Trustees. The total market value of
	such securities is \$86,799 which represents less than 0.1% of net assets.
(f)	Company has filed for protection in federal bankruptcy court.
(g)	Illiquid security.
	•

See previously submitted notes to financial statements for the period ended November 30, 2013.

Sub-Sector Allocation	% of
	Long-Term
	Investments
Midstream Oil	27.3%
Diversified Infrastructure	26.7%
Midstream Natural Gas	17.5%
Gathering & Processing	17.2%
Natural Gas Pipelines & Storage	2.9%
Marine Transportation	2.8%
Upstream	2.7%
Coal	1.9%
Other Master Limited Partnerships	1.0%

Subject to change daily.

At February 28, 2014, the cost and related gross unrealized appreciation and depreciation on investments for tax purposes are as follows:

Net Tax				
Unrealized	Gross Tax	Gross Ta		
Appreciation on	Unrealized	Unrealize	ost of Investments	Co
Investments	Depreciation	Appreciatio	for Tax Purposes	
636,946,762	\$ \$ (9,848,333)	646,795,09	\$ 654,660,295	\$

Readily marketable securities listed on an exchange are valued at the last reported sale price on the primary exchange or in the principal over the counter ("OTC") market on which they are traded. Readily marketable securities traded on an exchange or OTC for which there are no transactions on a given day are valued at the mean of the closing bid and asked prices. Securities traded on NASDAQ are valued at the NASDAQ Official Closing Price. Debt securities are valued by independent pricing services or dealers using the last available bid price for such securities or, if such prices are not available, at prices for securities of comparable maturity, quality and type. Short-term securities with maturities of 60 days or less at the time of purchase are valued at amortized cost, which approximates market value.

For those securities where quotations or prices are not available, the valuations are determined in accordance with procedures established in good faith by management and approved by the Board of Trustees. A valuation committee consisting of representatives from investment management, fund administration, legal and compliance is responsible for the oversight of the valuation process of the Fund and convenes monthly, or more frequently as needed. The valuation committee reviews monthly Level 3 fair valued securities methodology, price overrides, broker quoted securities, price source changes, illiquid securities, unchanged priced securities, halted securities, price challenges, fair valued securities sold and back testing trade prices in relation to prior day closing prices. On a quarterly basis, the valuations and methodologies of all Level 3 fair valued securities are presented to the Fund's Trustees.

Valuations in accordance with these procedures are intended to reflect each security's (or asset's) "fair value". Fair value is defined as the price that the Fund would receive to sell an investment or pay to transfer a liability in an orderly transaction with an independent buyer in the principal market, or in the absence of a principal market, the most advantageous market for the investment or liability. Each such determination should be based on a consideration of all relevant factors, which are likely to vary from one pricing context to another. Examples of such factors may include, but are not limited to: (i) the type of security, (ii) the initial cost of the security, (iii) the existence of any contractual restrictions on the security's disposition, (iv) the price and extent of public trading in similar securities of the issuer or of comparable companies, (v) quotations or evaluated prices from broker-dealers and/or pricing services, (vi) information obtained from the issuer, analysts, and/or the appropriate stock exchange (for exchange traded securities), (vii) an analysis of the company's financial statements, and (viii) an evaluation of the forces that influence the issuer and the market(s) in which the security is purchased and sold (e.g. the existence of pending merger activity, public offerings or tender offers that might affect the value of the security).

There are three different categories for valuations. Level 1 valuations are those based upon quoted prices in active markets. Level 2 valuations are those based upon quoted prices in inactive markets or based upon significant observable inputs (e.g. yield curves; benchmark interest rates; indices). Level 3 valuations are those based upon unobservable inputs (e.g. discounted cash flow analysis; non-market based methods used to determine fair valuation).

The Fund values Level 1 securities using readily available market quotations in active markets. The Fund values Level 2 equity securities using various observable market inputs as described above. Money market funds are valued at net asset value. The Fund values Level 2 derivatives using independent pricing providers who employ matrix pricing models utilizing market prices, broker quotes and interest rate fluctuations. The fair value estimates for the Level 3 securities are determined in accordance with the Fund's valuation procedures.

The valuation process involved for Level 3 measurements for the Fund is completed on a daily basis and is designed to subject the Level 3 valuations to an appropriate level of oversight and review. For Level 3 securities, the Fund utilizes a pricing committee (the "Pricing Committee"), which is comprised of employees of Guggenheim Funds Investment Advisors, LLC ("GFIA" or the "Adviser") or its affiliates responsible for implementing the valuation procedures established by the Fund.

Investment professionals from Advisory Research, Inc. ("ARI" or the "Sub- Adviser") prepare preliminary valuations based on their evaluation of financial data, company specific developments, market valuations of comparable companies, market information and other factors. These preliminary valuations are reviewed by the Pricing Committee with subsequent deliberations until an appropriate price is determined for the Level 3 security.

The valuation technique and significant inputs used in determining the value of the holding categorized as Level 3 in the fair value hierarchy is based on a cash flow model of the royalties on coal produced.

Transfers between valuation levels, if any, are in comparison to the valuation levels at the end of the previous fiscal year, and are effective using the fair value as of the end of the current fiscal period.

The following table represents the Fund's investments carried by caption and by level within the fair value hierarchy as of February 28, 2014.

Description	Level 1	Level 2	Level 3	Total
(value in \$000s)				
Assets:				
Master Limited Partnerships	\$1,284,508	\$-	\$-	\$1,284,508
Common Stock	7,012	-	-	7,012
Term Loans	-	-	87	87
Total	\$1,291,520	\$-	\$87	\$1,291,607

The following table presents the activity of the Fund's investments measured at fair value using significant observable inputs (Level 3 valuations) for the period ended February 28, 2014.

Level 3 Holdings (Values in \$000's)

Level 5 Holdings (values in 4000 s)	
Beginning Balance at 11/30/13	
Term Loans	\$87
Total Realized Gain/Loss	
Term Loans	-
Change in Unrealized Gain/Loss	
Term Loans	-
Purchases	-
Sales	
Term Loans	-
Transfers In	
Transfers Out	-
Ending Balance 2/28/14	
Term Loans	87
Total Level 3 holdings	\$87

The following table summarizes valuation technique and input used in determining the fair value of the Fund's holding categorized as Level 3 at February 28, 2014:

	Value as of			Range of
Investments, at	February 28, 2014	Valuation	Unobservable	Unobservable
Value		Technique	Inputs	Inputs
Term Loan	\$ 86,799	Cash flow	Royalties on	21%
		model	coal produced	

A significant change in unobservable inputs would have the following impact to Level 3 valuations:

Unobservable Input	Impact to Value if Input Increases	Impact to Value if Input Decreases
Royalties on coal produced	Increases	Decrease

During the three months ended February 28, 2014, there were no transfers between levels.

Item 2. Controls and Procedures.

- (a) The registrant's principal executive officer and principal financial officer have evaluated the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "Investment Company Act")) as of a date within 90 days of the filing date of this report and have concluded, based on such evaluation, that the registrant's disclosure controls and procedures were effective, as of that date, in ensuring that information required to be disclosed by the registrant on this Form N-Q was recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms.
- (b) There was no change in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the Investment Company Act) that occurred during the registrant's last fiscal quarter that has materially affected or is reasonably likely to materially affect the registrant's internal control over financial reporting.

Item 3. Exhibits.

A separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the Investment Company Act (17 CFR 270.30a-2(a)), is attached hereto.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) Fiduciary/Claymore MLP Opportunity Fund

By: /s/ Donald C. Cacciapaglia

Name: Donald C. Cacciapaglia

Title: Chief Executive Officer

Date: April 25, 2014

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ Donald C. Cacciapaglia

Name: Donald C. Cacciapaglia

Title: Chief Executive Officer

Date: April 25, 2014

By: /s/ John L. Sullivan

Name: John L. Sullivan

Title: Chief Financial Officer, Chief Accounting Officer and Treasurer

Date: April 25, 2014