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 Partner	rs, LP(a)	36,032,151		
151,255	QEP Midstream Partners,	LP	3,232,319		
768,160	Southcross Energy Partner	rs, LP	13,519,616		
262,530	Targa Resources Partners,	LP(a)	14,095,236		
562,810	Western Gas Equity Partn	ers, LP	24,189,574		
383,290	Western Gas Partners, LP	(a)	24,258,424		
			221,698,122		
	Marine Transportation - 4				
362,360	Golar LNG Partners, LP (Marshall Islands)(a)	10,946,896		
29,035		KNOT Offshore Partners, LP (Marshall Islands)			
741,510	Teekay Offshore Partners,	, LP (Marshall Islands)(a)	24,291,868		
			36,072,068		

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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) Tallgrass Energy Partners, LP	28,413,850 5,935,782
189,460	Williams Partners, LP(a)	93,959,852
1,893,970	williams Partners, LP(a)	225,638,245
		223,038,243
	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
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	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%*	
A 4 4 2 2 2 2 2		0.0 500
\$413,329	Clearwater Subordinated Note NR(b) (d) (e) (f) (g)	86,799
	(Cost \$413,329)	
	T . 11	
	Total Investments - 157.0%	1 201 607 057
	(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 Tax		
Appreciation on	Unrealized	Unrealized	ost of Investments	Co
Investments	Depreciation	Appreciation	for Tax Purposes	
636,946,762	\$ \$ (9,848,333)	646,795,095	\$ 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	