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Form **990-PF**
 Department of the Treasury
 Internal Revenue Service

Return of Private Foundation
or Section 4947(a)(1) Trust Treated as Private Foundation

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 ▶ **Information about Form 990-PF and its instructions is at www.irs.gov/form990pf.**

OMB No 1545-0052
2016
Open to Public Inspection

For calendar year 2016, or tax year beginning 01-01-2016, and ending 12-31-2016

Name of foundation THE DISCOVERY FUND		A Employer identification number 75-1989523	
Number and street (or P O box number if mail is not delivered to street address) P O BOX 2140	Room/suite	B Telephone number (see instructions) (817) 502-9895	
City or town, state or province, country, and ZIP or foreign postal code FORT WORTH, TX 76113		C If exemption application is pending, check here <input type="checkbox"/>	
G Check all that apply: <input type="checkbox"/> Initial return <input type="checkbox"/> Initial return of a former public charity <input type="checkbox"/> Final return <input type="checkbox"/> Amended return <input type="checkbox"/> Address change <input type="checkbox"/> Name change		D 1. Foreign organizations, check here <input type="checkbox"/> 2. Foreign organizations meeting the 85% test, check here and attach computation <input type="checkbox"/>	
H Check type of organization: <input checked="" type="checkbox"/> Section 501(c)(3) exempt private foundation <input type="checkbox"/> Section 4947(a)(1) nonexempt charitable trust <input type="checkbox"/> Other taxable private foundation		E If private foundation status was terminated under section 507(b)(1)(A), check here <input type="checkbox"/>	
I Fair market value of all assets at end of year (from Part II, col (c), line 16) ▶ \$ 28,447		F If the foundation is in a 60-month termination under section 507(b)(1)(B), check here <input type="checkbox"/>	
J Accounting method: <input checked="" type="checkbox"/> Cash <input type="checkbox"/> Accrual <input type="checkbox"/> Other (specify) _____ (Part I, column (d) must be on cash basis)			

Part I Analysis of Revenue and Expenses <small>(The total of amounts in columns (b), (c), and (d) may not necessarily equal the amounts in column (a) (see instructions))</small>		(a) Revenue and expenses per books	(b) Net investment income	(c) Adjusted net income	(d) Disbursements for charitable purposes (cash basis only)
1	Contributions, gifts, grants, etc., received (attach schedule)				
2	Check <input checked="" type="checkbox"/> if the foundation is not required to attach Sch B				
3	Interest on savings and temporary cash investments				
4	Dividends and interest from securities	705	705		
5a	Gross rents				
b	Net rental income or (loss)				
6a	Net gain or (loss) from sale of assets not on line 10	-108,632			
b	Gross sales price for all assets on line 6a				
7	Capital gain net income (from Part IV, line 2)		0		
8	Net short-term capital gain				
9	Income modifications				
10a	Gross sales less returns and allowances				
b	Less Cost of goods sold				
c	Gross profit or (loss) (attach schedule)				
11	Other income (attach schedule)				
12	Total. Add lines 1 through 11	-107,927	705		
13	Compensation of officers, directors, trustees, etc	0	0		0
14	Other employee salaries and wages				
15	Pension plans, employee benefits				
16a	Legal fees (attach schedule)	438	0		438
b	Accounting fees (attach schedule)	1,846	0		1,846
c	Other professional fees (attach schedule)				
17	Interest	8	8		0
18	Taxes (attach schedule) (see instructions)	47	0		0
19	Depreciation (attach schedule) and depletion				
20	Occupancy				
21	Travel, conferences, and meetings				
22	Printing and publications				
23	Other expenses (attach schedule)	75	0		75
24	Total operating and administrative expenses. Add lines 13 through 23	2,414	8		2,359
25	Contributions, gifts, grants paid	0			0
26	Total expenses and disbursements. Add lines 24 and 25	2,414	8		2,359
27	Subtract line 26 from line 12				
a	Excess of revenue over expenses and disbursements	-110,341			
b	Net investment income (if negative, enter -0-)		697		
c	Adjusted net income (if negative, enter -0-)				

Part II Balance Sheets Attached schedules and amounts in the description column should be for end-of-year amounts only (See instructions)

		Beginning of year	End of year	
		(a) Book Value	(b) Book Value	(c) Fair Market Value
Assets	1 Cash—non-interest-bearing			
	2 Savings and temporary cash investments	219		
	3 Accounts receivable ▶ _____ Less allowance for doubtful accounts ▶ _____			
	4 Pledges receivable ▶ _____ Less allowance for doubtful accounts ▶ _____			
	5 Grants receivable			
	6 Receivables due from officers, directors, trustees, and other disqualified persons (attach schedule) (see instructions)			
	7 Other notes and loans receivable (attach schedule) ▶ _____ Less allowance for doubtful accounts ▶ _____			
	8 Inventories for sale or use			
	9 Prepaid expenses and deferred charges			
	10a Investments—U S and state government obligations (attach schedule)			
	b Investments—corporate stock (attach schedule)	148,574	39,943	28,447
	c Investments—corporate bonds (attach schedule)			
	11 Investments—land, buildings, and equipment basis ▶ _____ Less accumulated depreciation (attach schedule) ▶ _____			
	12 Investments—mortgage loans			
	13 Investments—other (attach schedule)			
	14 Land, buildings, and equipment basis ▶ _____ Less accumulated depreciation (attach schedule) ▶ _____			
15 Other assets (describe ▶ _____)				
16 Total assets (to be completed by all filers—see the instructions Also, see page 1, item I)	148,793	39,943	28,447	
Liabilities	17 Accounts payable and accrued expenses			
	18 Grants payable			
	19 Deferred revenue			
	20 Loans from officers, directors, trustees, and other disqualified persons	1,468,000	1,468,000	
	21 Mortgages and other notes payable (attach schedule)			
	22 Other liabilities (describe ▶ _____)	0	1,490	
	23 Total liabilities (add lines 17 through 22)	1,468,000	1,469,490	
Net Assets or Fund Balances	Foundations that follow SFAS 117, check here <input type="checkbox"/> and complete lines 24 through 26 and lines 30 and 31.			
	24 Unrestricted			
	25 Temporarily restricted			
	26 Permanently restricted			
	Foundations that do not follow SFAS 117, check here <input checked="" type="checkbox"/> and complete lines 27 through 31.			
	27 Capital stock, trust principal, or current funds	0	0	
	28 Paid-in or capital surplus, or land, bldg , and equipment fund	0	0	
29 Retained earnings, accumulated income, endowment, or other funds	-1,319,207	-1,429,547		
30 Total net assets or fund balances (see instructions)	-1,319,207	-1,429,547		
31 Total liabilities and net assets/fund balances (see instructions) .	148,793	39,943		

Part III Analysis of Changes in Net Assets or Fund Balances

1 Total net assets or fund balances at beginning of year—Part II, column (a), line 30 (must agree with end-of-year figure reported on prior year's return)	1	-1,319,207
2 Enter amount from Part I, line 27a	2	-110,341
3 Other increases not included in line 2 (itemize) ▶ _____	3	1
4 Add lines 1, 2, and 3	4	-1,429,547
5 Decreases not included in line 2 (itemize) ▶ _____	5	0
6 Total net assets or fund balances at end of year (line 4 minus line 5)—Part II, column (b), line 30 .	6	-1,429,547

Part IV Capital Gains and Losses for Tax on Investment Income

(a) List and describe the kind(s) of property sold (e.g., real estate, 2-story brick warehouse, or common stock, 200 shs MLC Co)	(b) How acquired P—Purchase D—Donation	(c) Date acquired (mo, day, yr)	(d) Date sold (mo, day, yr)
1 a 4848 SH QUICKSILVER RESOURCES	D	2005-12-22	2016-12-27
b			
c			
d			
e			

(e) Gross sales price	(f) Depreciation allowed (or allowable)	(g) Cost or other basis plus expense of sale	(h) Gain or (loss) (e) plus (f) minus (g)
a			0
b			
c			
d			
e			

Complete only for assets showing gain in column (h) and owned by the foundation on 12/31/69			(l) Gains (Col (h) gain minus col (k), but not less than -0-) or Losses (from col (h))
(i) F M V as of 12/31/69	(j) Adjusted basis as of 12/31/69	(k) Excess of col (i) over col (j), if any	
a			0
b			
c			
d			
e			

2 Capital gain net income or (net capital loss)	{	If gain, also enter in Part I, line 7 If (loss), enter -0- in Part I, line 7		0
3 Net short-term capital gain or (loss) as defined in sections 1222(5) and (6) If gain, also enter in Part I, line 8, column (c) (see instructions) If (loss), enter -0- in Part I, line 8	}		2	
			3	

Part V Qualification Under Section 4940(e) for Reduced Tax on Net Investment Income

(For optional use by domestic private foundations subject to the section 4940(a) tax on net investment income)

If section 4940(d)(2) applies, leave this part blank

Was the foundation liable for the section 4942 tax on the distributable amount of any year in the base period? Yes No
 If "Yes," the foundation does not qualify under section 4940(e) Do not complete this part

1 Enter the appropriate amount in each column for each year, see instructions before making any entries

(a) Base period years Calendar year (or tax year beginning in)	(b) Adjusted qualifying distributions	(c) Net value of noncharitable-use assets	(d) Distribution ratio (col (b) divided by col (c))
2015	77,535	55,378	1 400105
2014	84,034	1,579,718	0 053196
2013	220,785	1,781,975	0 123899
2012	609,697	4,458,854	0 136738
2011	480,000	12,193,377	0 039366

2 Total of line 1, column (d)		1 753304
3 Average distribution ratio for the 5-year base period—divide the total on line 2 by 5, or by the number of years the foundation has been in existence if less than 5 years	3	0 350661
4 Enter the net value of noncharitable-use assets for 2016 from Part X, line 5	4	24,801
5 Multiply line 4 by line 3	5	8,697
6 Enter 1% of net investment income (1% of Part I, line 27b)	6	7
7 Add lines 5 and 6	7	8,704
8 Enter qualifying distributions from Part XII, line 4	8	2,359

If line 8 is equal to or greater than line 7, check the box in Part VI, line 1b, and complete that part using a 1% tax rate See the Part VI instructions

Part VI Excise Tax Based on Investment Income (Section 4940(a), 4940(b), 4940(e), or 4948—see instructions)

Table with 11 rows for excise tax calculations. Includes fields for exempt foundations, domestic foundations, tax under section 511, subtitle A tax, and total tax due. Includes sub-table for 2016 estimated tax payments (6a-6d).

Part VII-A Statements Regarding Activities

Table with 10 rows for activity statements. Columns include question number, 'Yes', and 'No' boxes. Questions cover political campaign influence, political expenditures, unrelated business income, and substantial contributors.

Part VII-A Statements Regarding Activities (continued)

Table with 3 columns: Question, Yes, No. Rows 11-14 regarding controlled entities, donor advised funds, public inspection requirements, and books in care.

Located at 500 WEST 7TH STREET SUITE 502 FORT WORTH TX ZIP+4 76102

15 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-PF in lieu of Form 1041 - Check here and enter the amount of tax-exempt interest received or accrued during the year.

Table with 3 columns: Question, Yes, No. Row 16 regarding interest in foreign countries.

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required

File Form 4720 if any item is checked in the "Yes" column, unless an exception applies.

Main table with 3 columns: Question, Yes, No. Rows 1a-4b regarding Form 4720 exceptions and requirements.

Part VII-B Statements Regarding Activities for Which Form 4720 May Be Required (Continued)

5a During the year did the foundation pay or incur any amount to

(1) Carry on propaganda, or otherwise attempt to influence legislation (section 4945(e))? Yes No

(2) Influence the outcome of any specific public election (see section 4955), or to carry on, directly or indirectly, any voter registration drive? Yes No

(3) Provide a grant to an individual for travel, study, or other similar purposes? Yes No

(4) Provide a grant to an organization other than a charitable, etc., organization described in section 4945(d)(4)(A)? (see instructions). Yes No

(5) Provide for any purpose other than religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals? Yes No

b If any answer is "Yes" to 5a(1)–(5), did **any** of the transactions fail to qualify under the exceptions described in Regulations section 53.4945 or in a current notice regarding disaster assistance (see instructions)? Yes No

Organizations relying on a current notice regarding disaster assistance check here.

c If the answer is "Yes" to question 5a(4), does the foundation claim exemption from the tax because it maintained expenditure responsibility for the grant? Yes No

If "Yes," attach the statement required by Regulations section 53.4945–5(d)

6a Did the foundation, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? Yes No

b Did the foundation, during the year, pay premiums, directly or indirectly, on a personal benefit contract? Yes No

If "Yes" to 6b, file Form 8870

7a At any time during the tax year, was the foundation a party to a prohibited tax shelter transaction? Yes No

b If yes, did the foundation receive any proceeds or have any net income attributable to the transaction? Yes No

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors

1 List all officers, directors, trustees, foundation managers and their compensation (see instructions).

(a) Name and address	Title, and average hours per week (b) devoted to position	(c) Compensation (If not paid, enter -0-)	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
LUCY DARDEN P O BOX 2140 FORT WORTH, TX 76113	CHAIRMAN OF THE BOARD/PRES 5 00	0	0	0
PAUL COULTER P O BOX 2140 FORT WORTH, TX 76113	VICE PRES/SECRETARY/TREAS 5 00	0	0	0
PETER PHILPOTT P O BOX 2140 FORT WORTH, TX 76113	DIRECTOR 5 00	0	0	0

2 Compensation of five highest-paid employees (other than those included on line 1—see instructions). If none, enter "NONE."

(a) Name and address of each employee paid more than \$50,000	Title, and average hours per week (b) devoted to position	(c) Compensation	(d) Contributions to employee benefit plans and deferred compensation	(e) Expense account, other allowances
NONE				

Total number of other employees paid over \$50,000. 0

Part VIII Information About Officers, Directors, Trustees, Foundation Managers, Highly Paid Employees, and Contractors (continued)

3 Five highest-paid independent contractors for professional services (see instructions). If none, enter "NONE".

(a) Name and address of each person paid more than \$50,000	(b) Type of service	(c) Compensation
NONE		
Total number of others receiving over \$50,000 for professional services.		0

Part IX-A Summary of Direct Charitable Activities

List the foundation's four largest direct charitable activities during the tax year. Include relevant statistical information such as the number of organizations and other beneficiaries served, conferences convened, research papers produced, etc

	Expenses
1	
2	
3	
4	

Part IX-B Summary of Program-Related Investments (see instructions)

Describe the two largest program-related investments made by the foundation during the tax year on lines 1 and 2

	Amount
1 NONE	0
2	
All other program-related investments. See instructions	
3	
Total. Add lines 1 through 3	0

Part X Minimum Investment Return (All domestic foundations must complete this part. Foreign foundations, see instructions.)

1	Fair market value of assets not used (or held for use) directly in carrying out charitable, etc., purposes		
a	Average monthly fair market value of securities.	1a	25,133
b	Average of monthly cash balances.	1b	46
c	Fair market value of all other assets (see instructions).	1c	0
d	Total (add lines 1a, b, and c).	1d	25,179
e	Reduction claimed for blockage or other factors reported on lines 1a and 1c (attach detailed explanation).	1e	0
2	Acquisition indebtedness applicable to line 1 assets.	2	0
3	Subtract line 2 from line 1d.	3	25,179
4	Cash deemed held for charitable activities. Enter 1 1/2% of line 3 (for greater amount, see instructions).	4	378
5	Net value of noncharitable-use assets. Subtract line 4 from line 3. Enter here and on Part V, line 4.	5	24,801
6	Minimum investment return. Enter 5% of line 5.	6	1,240

Part XI Distributable Amount (see instructions) (Section 4942(j)(3) and (j)(5) private operating foundations and certain foreign organizations check here and do not complete this part.)

1	Minimum investment return from Part X, line 6.	1	1,240
2a	Tax on investment income for 2016 from Part VI, line 5.	2a	14
b	Income tax for 2016 (This does not include the tax from Part VI).	2b	
c	Add lines 2a and 2b.	2c	14
3	Distributable amount before adjustments. Subtract line 2c from line 1.	3	1,226
4	Recoveries of amounts treated as qualifying distributions.	4	0
5	Add lines 3 and 4.	5	1,226
6	Deduction from distributable amount (see instructions).	6	0
7	Distributable amount as adjusted. Subtract line 6 from line 5. Enter here and on Part XIII, line 1.	7	1,226

Part XII Qualifying Distributions (see instructions)

1	Amounts paid (including administrative expenses) to accomplish charitable, etc., purposes		
a	Expenses, contributions, gifts, etc.—total from Part I, column (d), line 26.	1a	2,359
b	Program-related investments—total from Part IX-B.	1b	0
2	Amounts paid to acquire assets used (or held for use) directly in carrying out charitable, etc., purposes.	2	
3	Amounts set aside for specific charitable projects that satisfy the		
a	Suitability test (prior IRS approval required).	3a	
b	Cash distribution test (attach the required schedule).	3b	
4	Qualifying distributions. Add lines 1a through 3b. Enter here and on Part V, line 8, and Part XIII, line 4.	4	2,359
5	Foundations that qualify under section 4940(e) for the reduced rate of tax on net investment income. Enter 1% of Part I, line 27b (see instructions).	5	0
6	Adjusted qualifying distributions. Subtract line 5 from line 4.	6	2,359

Note: The amount on line 6 will be used in Part V, column (b), in subsequent years when calculating whether the foundation qualifies for the section 4940(e) reduction of tax in those years.

Part XIII Undistributed Income (see instructions)

	(a) Corpus	(b) Years prior to 2015	(c) 2015	(d) 2016
1 Distributable amount for 2016 from Part XI, line 7				1,226
2 Undistributed income, if any, as of the end of 2016				
a Enter amount for 2015 only.			848	
b Total for prior years 20___, 20___, 20___		0		
3 Excess distributions carryover, if any, to 2016				
a From 2011.				
b From 2012.				
c From 2013.				
d From 2014.				
e From 2015.				
f Total of lines 3a through e.	0			
4 Qualifying distributions for 2016 from Part XII, line 4 ▶ \$ <u>2,359</u>				
a Applied to 2015, but not more than line 2a			848	
b Applied to undistributed income of prior years (Election required—see instructions).		0		
c Treated as distributions out of corpus (Election required—see instructions).	0			
d Applied to 2016 distributable amount.				1,226
e Remaining amount distributed out of corpus	285			
5 Excess distributions carryover applied to 2016 (If an amount appears in column (d), the same amount must be shown in column (a))	0			0
6 Enter the net total of each column as indicated below:				
a Corpus Add lines 3f, 4c, and 4e Subtract line 5	285			
b Prior years' undistributed income Subtract line 4b from line 2b		0		
c Enter the amount of prior years' undistributed income for which a notice of deficiency has been issued, or on which the section 4942(a) tax has been previously assessed.		0		
d Subtract line 6c from line 6b Taxable amount—see instructions		0		
e Undistributed income for 2015 Subtract line 4a from line 2a Taxable amount—see instructions			0	
f Undistributed income for 2016 Subtract lines 4d and 5 from line 1 This amount must be distributed in 2017				0
7 Amounts treated as distributions out of corpus to satisfy requirements imposed by section 170(b)(1)(F) or 4942(g)(3) (Election may be required - see instructions).	0			
8 Excess distributions carryover from 2011 not applied on line 5 or line 7 (see instructions).	0			
9 Excess distributions carryover to 2017. Subtract lines 7 and 8 from line 6a	285			
10 Analysis of line 9				
a Excess from 2012.				
b Excess from 2013.				
c Excess from 2014.				
d Excess from 2015.				
e Excess from 2016.	285			

Part XIV Private Operating Foundations (see instructions and Part VII-A, question 9)

1a If the foundation has received a ruling or determination letter that it is a private operating foundation, and the ruling is effective for 2016, enter the date of the ruling. ▶

b Check box to indicate whether the organization is a private operating foundation described in section 4942(j)(3) or 4942(j)(5)

	Tax year	Prior 3 years			(e) Total
	(a) 2016	(b) 2015	(c) 2014	(d) 2013	
2a Enter the lesser of the adjusted net income from Part I or the minimum investment return from Part X for each year listed					
b 85% of line 2a					
c Qualifying distributions from Part XII, line 4 for each year listed					
d Amounts included in line 2c not used directly for active conduct of exempt activities					
e Qualifying distributions made directly for active conduct of exempt activities Subtract line 2d from line 2c					
3 Complete 3a, b, or c for the alternative test relied upon					
a "Assets" alternative test—enter					
(1) Value of all assets					
(2) Value of assets qualifying under section 4942(j)(3)(B)(i)					
b "Endowment" alternative test— enter 2/3 of minimum investment return shown in Part X, line 6 for each year listed.					
c "Support" alternative test—enter					
(1) Total support other than gross investment income (interest, dividends, rents, payments on securities loans (section 512(a)(5)), or royalties)					
(2) Support from general public and 5 or more exempt organizations as provided in section 4942(j)(3)(B)(iii).					
(3) Largest amount of support from an exempt organization					
(4) Gross investment income					

Part XV Supplementary Information (Complete this part only if the organization had \$5,000 or more in assets at any time during the year—see instructions.)

1 Information Regarding Foundation Managers:

a List any managers of the foundation who have contributed more than 2% of the total contributions received by the foundation before the close of any tax year (but only if they have contributed more than \$5,000) (See section 507(d)(2))

b List any managers of the foundation who own 10% or more of the stock of a corporation (or an equally large portion of the ownership of a partnership or other entity) of which the foundation has a 10% or greater interest

2 Information Regarding Contribution, Grant, Gift, Loan, Scholarship, etc., Programs:

Check here if the foundation only makes contributions to preselected charitable organizations and does not accept unsolicited requests for funds. If the foundation makes gifts, grants, etc (see instructions) to individuals or organizations under other conditions, complete items 2a, b, c, and d

a The name, address, and telephone number or e-mail address of the person to whom applications should be addressed
 LUCY DARDEN
 500 WEST 7TH STREET SUITE 502
 FORT WORTH, TX 76102
 (817) 502-9895

b The form in which applications should be submitted and information and materials they should include
 WRITTEN REQUEST

c Any submission deadlines
 NONE

d Any restrictions or limitations on awards, such as by geographical areas, charitable fields, kinds of institutions, or other factors
 NONE

Part XV **Supplementary Information** (continued)**3 Grants and Contributions Paid During the Year or Approved for Future Payment**

Recipient	If recipient is an individual, show any relationship to any foundation manager or substantial contributor	Foundation status of recipient	Purpose of grant or contribution	Amount
Name and address (home or business)				
a <i>Paid during the year</i>				
Total ▶ 3a				0
b <i>Approved for future payment</i>				
Total ▶ 3b				0

TY 2016 Accounting Fees Schedule**Name:** THE DISCOVERY FUND**EIN:** 75-1989523

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
TAX PREPARATION FEES	1,846	0		1,846

TY 2016 Investments Corporate Stock Schedule**Name:** THE DISCOVERY FUND**EIN:** 75-1989523

Name of Stock	End of Year Book Value	End of Year Fair Market Value
200 SHS EXXON MOBIL	8,281	18,052
7,380 SH QUICKSILVER RESOURCES	28,352	0
160 SHS BAKER HUGHES	3,310	10,395

TY 2016 Legal Fees Schedule**Name:** THE DISCOVERY FUND**EIN:** 75-1989523

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
LEGAL FEES	438	0		438

TY 2016 Loans from Officers Schedule**Name:** THE DISCOVERY FUND**EIN:** 75-1989523

Item No.	1
Lender's Name	MERCURY EXPLORATION CO
Lender's Title	SUBSTANTIAL CONTRIBUTOR
Original Amount of Loan	475000
Balance Due	
Date of Note	2008-12
Maturity Date	2017-12
Repayment Terms	PAYABLE AT MATURITY DATE
Interest Rate	0.000000000000
Security Provided by Borrower	NONE
Purpose of Loan	TO FUND 2008 DISTRIBUTIONS
Description of Lender Consideration	CASH
Consideration FMV	

Item No.	2
Lender's Name	MERCURY EXPLORATION CO
Lender's Title	SUBSTANTIAL CONTRIBUTOR
Original Amount of Loan	80000
Balance Due	
Date of Note	2009-03
Maturity Date	2017-12
Repayment Terms	PAYABLE AT MATURITY DATE
Interest Rate	0.000000000000
Security Provided by Borrower	NONE
Purpose of Loan	TO FUND 2009 DISTRIBUTIONS
Description of Lender Consideration	CASH
Consideration FMV	

Item No.	3
Lender's Name	MERCURY EXPLORATION CO
Lender's Title	SUBSTANTIAL CONTRIBUTOR
Original Amount of Loan	365000
Balance Due	
Date of Note	2010-12
Maturity Date	2017-12
Repayment Terms	PAYABLE AT MATURITY DATE
Interest Rate	0.000000000000
Security Provided by Borrower	NONE
Purpose of Loan	TO FUND 2010 DISTRIBUTIONS
Description of Lender Consideration	CASH
Consideration FMV	

Item No.	4
Lender's Name	MERCURY EXPLORATION CO
Lender's Title	SUBSTANTIAL CONTRIBUTOR
Original Amount of Loan	491000
Balance Due	
Date of Note	2013-12
Maturity Date	2017-12
Repayment Terms	PAYABLE AT MATURITY DATE
Interest Rate	0.000000000000
Security Provided by Borrower	NONE
Purpose of Loan	TO FUND 2013 DISTRIBUTIONS
Description of Lender Consideration	CASH
Consideration FMV	

Item No.	5
Lender's Name	MERCURY EXPLORATION CO
Lender's Title	SUBSTANTIAL CONTRIBUTOR
Original Amount of Loan	7000
Balance Due	
Date of Note	2014-12
Maturity Date	2017-12
Repayment Terms	PAYABLE AT MATURITY DATE
Interest Rate	0.000000000000
Security Provided by Borrower	NONE
Purpose of Loan	TO FUND 2014 EXPENSES
Description of Lender Consideration	CASH
Consideration FMV	

Item No.	6
Lender's Name	MERCURY EXPLORATION CO
Lender's Title	SUBSTANTIAL CONTRIBUTOR
Original Amount of Loan	50000
Balance Due	
Date of Note	2015-12
Maturity Date	2017-12
Repayment Terms	PAYABLE AT MATURITY DATE
Interest Rate	0.000000000000
Security Provided by Borrower	NONE
Purpose of Loan	TO FUND 2015 DISTRIBUTIONS
Description of Lender Consideration	CASH
Consideration FMV	

TY 2016 Other Expenses Schedule**Name:** THE DISCOVERY FUND**EIN:** 75-1989523**Other Expenses Schedule**

Description	Revenue and Expenses per Books	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
UBS ACCOUNT FEES	75	0		75

TY 2016 Other Increases Schedule**Name:** THE DISCOVERY FUND**EIN:** 75-1989523

Description	Amount
ROUNDING	1

TY 2016 Other Liabilities Schedule**Name:** THE DISCOVERY FUND**EIN:** 75-1989523

Description	Beginning of Year - Book Value	End of Year - Book Value
UBS MARGIN LOAN	0	1,490

TY 2016 Taxes Schedule**Name:** THE DISCOVERY FUND**EIN:** 75-1989523

Category	Amount	Net Investment Income	Adjusted Net Income	Disbursements for Charitable Purposes
2015 FORM 990-PF TAX DUE	7	0		0
2016 FORM 990-PR ESTIMATED TAX	40	0		0