NATCO GROUP INC Form SC 13D April 10, 2006

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13D Under the Securities Act of 1934

NATCO GROUP INC. (Name of Issuer)

Common Stock (Title of Class of Securities)

0001057693 (CUSIP Number)

David Nierenberg
The D3 Family Funds
19605 NE 8th Street
Camas, WA 98607
360-604-8600

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

April 7, 2006 (Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D and is filing this schedule because of ss.ss.240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box:  $|\_|$ 

1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON		
	The D3 Family Fund, L.P. (David Nierenberg is president of Partner, which is Nierenberg Investment Management Company.		eneral
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) (b)	
3	SEC USE ONLY		
4	SOURCE OF FUNDS*		
	WC		
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)		1_1

Edgar Filing: NATCO GROUP INC - Form SC 13D CITIZENSHIP OR PLACE OF ORGANIZATION Washington \_\_\_\_\_ 7 SOLE VOTING POWER 804,365 common shares (4.3%) NUMBER OF 8 SHARED VOTING POWER SHARES 0 BENEFICIALLY OWNED BY 9 SOLE DISPOSITIVE POWER REPORTING 804,365 PERSON WITH 10 SHARED DISPOSITIVE POWER 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,780,401 shares (9.4%) \_\_\_\_\_ CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES\* |\_| 12 \_\_\_\_\_\_ PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 9.4% TYPE OF REPORTING PERSON\* PN \*SEE INSTRUCTIONS BEFORE FILLING OUT! 1 NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON The D3 Family Retirement Fund, L.P. (David Nierenberg is president of the General Partner, which is Nierenberg Investment Management Company.) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) |X| (b) |\_| -----

3	SEC USE ONLY	
4	SOURCE OF FUNDS*	
	WC	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)	1_1

6	CITIZENSH	IP OF	R PLACE OF ORGANIZATION	
	Washingto	n		
		7	SOLE VOTING POWER	
			274,361 common shares (1.5%)	
		8	SHARED VOTING POWER	
BEN:	SHARES EFICIALLY		0	
		9	SOLE DISPOSITIVE POWER	
	EPORTING PERSON		274,361	
	WITH	10	SHARED DISPOSITIVE POWER	
			0	
11	AGGREGATE	AMOU	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,780,401	shar	res (9.4%)	
12	CHECK BOX	IF I	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN	SHARES*  _
13	PERCENT O	F CLA	ASS REPRESENTED BY AMOUNT IN ROW (11)	
	9.4%			
14	TYPE OF R	EPORI	FING PERSON*	
	PN 			
			*SEE INSTRUCTIONS BEFORE FILLING OUT!	
			3	
1 NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON				
			en's Fund, L.P. (David Nierenberg is president of n is Nierenberg Investment Management Company.)	the General
2	CHECK THE	APPF	ROPRIATE BOX IF A MEMBER OF A GROUP* (a) (b)	
3	SEC USE O			
4	SOURCE OF	FUNE	 DS*	
	WC			

5			DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED FEMS 2(d) OR 2(e)		I_I	
6	 CITIZENSH	IP O	R PLACE OF ORGANIZATION			
	Washingto	n				
		7	SOLE VOTING POWER			
			71,153 common shares (0.4%)			
N	UMBER OF	8	SHARED VOTING POWER			
	SHARES EFICIALLY		0			
0	WNED BY EACH	9	SOLE DISPOSITIVE POWER			
	EPORTING PERSON		71,153			
	WITH	10	SHARED DISPOSITIVE POWER			
			0			
12  13	PERCENT C	 )F CL;	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERT  ASS REPRESENTED BY AMOUNT IN ROW (11)  FING PERSON*	'AIN SI	HARES*  _	
	14 TYPE OF REPORTING PERSON* PN					
			*SEE INSTRUCTIONS BEFORE FILLING OUT!			
			4			
1			FING PERSON  IDENTIFICATION NOS. OF ABOVE PERSON			
	The D3 Offshore Fund, L.P. (David Nierenberg is president of the General Partner, which is Nierenberg Investment Management Offshore.)					
2	CHECK THE	APPI	ROPRIATE BOX IF A MEMBER OF A GROUP*	(a) (b)	X   _	
3	SEC USE C	NLY				

4	SOURCE OF	FUND	 S*		
	WC				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)  _				
6	CITIZENSH	IP OR	PLACE OF ORGANIZATION		
	Bahamas				
		7	SOLE VOTING POWER		
			395,630 common shares (2.1%)		
	MBER OF	8	SHARED VOTING POWER		
BENE	HARES FICIALLY		0		
1	NED BY EACH	9	SOLE DISPOSITIVE POWER		
	PORTING ERSON		395,630		
Ī	WITH	10	SHARED DISPOSITIVE POWER		
			0		
11	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSO	N	
	1,780,401	shar	es (9.4%)		
12	CHECK BOX	IF T	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERT	AIN SHARES*  _	
13	PERCENT OF	F CLA	SS REPRESENTED BY AMOUNT IN ROW (11)		
	9.4%				
14	TYPE OF RI	EPORT	ING PERSON*		
	PN				
			*SEE INSTRUCTIONS BEFORE FILLING OUT!		
			5		
1	S.S. OR I	.R.S.	ING PERSON IDENTIFICATION NOS. OF ABOVE PERSON		
			Bulldog Fund, L.P. ((David Nierenberg is pres r, which is Nierenberg Investment Management (		
2	CHECK THE	APPR	DPRIATE BOX IF A MEMBER OF A GROUP*	(a)  X  (b)  _	

3	SEC USE	ONLY			
4	SOURCE	OF FUNI	 )S*		
	WC				
5			DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED  TEMS 2(d) OR 2(e)  _		
6			PLACE OF ORGANIZATION		
	Washing 				
		7	SOLE VOTING POWER		
			234,892 common shares (1.2%)		
	MBER OF HARES	8	SHARED VOTING POWER		
	FICIALLY NED BY		0		
I	EACH PORTING		SOLE DISPOSITIVE POWER		
PI	ERSON		234,892		
,	WITH	10	SHARED DISPOSITIVE POWER		
			0		
11	AGGREGA	TE AMOU	JNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	1,780,4	01 sha	res (9.4%)		
12	2 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*  _				
13	PERCENT	OF CL	ASS REPRESENTED BY AMOUNT IN ROW (11)		
	9.4%				
14	TYPE OF	REPOR	TING PERSON*		
	PN				
			*SEE INSTRUCTIONS BEFORE FILLING OUT!		
			6		
Item	1.	Securit	ty and Issuer.		
			stock in NATCO GROUP INC., 2950 NORTH LOOP WEST, SUITE 700, N, TX 77092		
Item	2.	Identit	y and Background.		

The D3 Family Funds are Washington State limited partnerships, whose principal business is investing in the equities of public micro-cap issuers. The D3 Family Funds consist of: D3 Family Fund, L.P, D3 Family Retirement Fund, L.P, D3 Children's Fund, L.P, D3 Offshore Fund, L.P., D3 Family Bulldog Fund, L.P. Located at 19605 N.E. 8th St., Camas, Washington 98607. No convictions or administrative proceedings as described in 2 (d) and (e).

#### Item 3. Source and Amount of Funds or Other Consideration

Source of funds is money invested in the partnership by their partners.  $\hspace{1cm}$ 

#### Item 4. Purpose of Transaction

On April 7 we acquired Natco convertible preferred stock which we can convert into a 9.4~% stake in the company.

We made this investment because we believe Natco is an under-valued, under-owned and under-followed company whose excellent growth prospects, strong management and governance, improving operating results, and leading competitive position in a fragmented market, ultimately will be more widely recognized and appropriately valued. Natco is pursuing a sensible growth strategy of consolidating the domestic market and penetrating foreign country markets. The global imbalance between oil and gas supply and demand, the maturation of the largest oil and gas fields around the world, and increasing environmental regulation drive Natco's organic growth opportunity.

While the preferred shares we own entitle us to a board seat, we do not intend to exercise that right. We believe Natco has a strong board and a serious commitment to good corporate governance, making it unnecessary for us to take a seat at the table.

We also have the unilateral right to convert our preferred into common stock at any time. We already have begun conversation with Natco about what would be the most mutually beneficial way to do this, and we expect our dialog to resume in May, after Natco announces its first quarter results. In our view, conversion of all preferred shares into common would benefit Natco's shareholders three ways: Natco would have a conventional public company balance sheet, higher earnings per share, and greater liquidity for its stock.

#### Item 5. Interest in Securities of the Issuer.

(a,b) D3 Family Funds own and have sole voting and dispositive power over 1,780,401, 9.4% common shares of NTG.

(C)

Fund	Transaction Date	Shares Bought	Price
D3 Family Fund, L.P.	4/7/2006	804,365	25.36
D3 Family Retirement Fund, L.P.	4/7/2006	274,361	25.36
D3 Children's Fund, L.P.	4/7/2006	71,153	25.36
D3 Offshore Fund, L.P.	4/7/2006	395 <b>,</b> 630	25.36
D3 Family Bulldog Fund, L.P.	4/7/2006	234,892	25.36

- (d) N/A
- (e) N/A
- Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.

N/A

Item 7. Material to be Filed as Exhibits

N/A

7

#### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, each of the undersigned certifies that the information set forth in the Statement is true, complete and correct.

April 10, 2006

/s/ DAVID NIERENBERG

The D3 Family Funds

\_\_\_\_\_

David Nierenberg President Nierenberg Investment Management Company, Inc., the General Partner of