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BLACKROCK CORPORATE HIGH YIELD FUND VI INC
 Form N-Q
 July 27, 2007

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

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
 MANAGEMENT INVESTMENT COMPANY

Investment Company Act File number 811-21318

Name of Fund: BlackRock Corporate High Yield Fund VI, Inc.

Fund Address: P.O. Box 9011
 Princeton, NJ 08543-9011

Name and address of agent for service: Robert C. Doll, Jr., Chief Executive
 Officer, BlackRock Corporate High Yield Fund VI, Inc., 800 Scudders Mill
 Road, Plainsboro, NJ 08536. Mailing address: P.O. Box 9011, Princeton,
 NJ 08543-9011

Registrant's telephone number, including area code: (609) 282-2800

Date of fiscal year end: 08/31/2007

Date of reporting period: 03/01/07 - 05/31/07

Item 1 - Schedule of Investments

BlackRock Corporate High Yield Fund VI, Inc.
 Schedule of Investments as of May 31, 2007 (unaudited) (in U.S. dollars)

Industry	Face Amount	Corporate Bonds
Aerospace & Defense - 4.5%	\$ 3,089,000	Alliant Techsystems, Inc., 2.75% due 9/15/2011 (a)
	900,000	Bombardier, Inc., 8% due 11/15/2014 (e)
	2,325,000	DRS Technologies, Inc., 6.875% due 11/01/2013
	1,600,000	Esterline Technologies Corp., 7.75% due 6/15/2013
	2,200,000	L-3 Communications Corp., 7.625% due 6/15/2012
	2,550,000	L-3 Communications Corp., 5.875% due 1/15/2015
	2,220,000	L-3 Communications Corp., 3% due 8/01/2035 (a) (e)
	2,200,000	L-3 Communications Corp. Series B, 6.375% due 10/15/2014
	1,440,000	Standard Aero Holdings, Inc., 8.25% due 9/01/2014
	750,000	TransDigm, Inc., 7.75% due 7/15/2014 (e)
	3,200,000	Vought Aircraft Industries, Inc., 8% due 7/15/2011
Airlines - 0.7%	2,856,491	Continental Airlines, Inc. Series 1997-4-B, 6.90% due 10/15/2011
	20,938	Continental Airlines, Inc. Series 1998-1-C, 6.541% due 9/15/2009
	661,594	Continental Airlines, Inc. Series 2001-1 Class C, 6.541% due 9/15/2009

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7.033% due 12/15/2012

Automotive - 4.3%	865,000	Accuride Corp., 8.50% due 2/01/2015
	560,000	Asbury Automotive Group, Inc., 7.625% due 3/15/2017
	4,575,000	Autonation, Inc., 7.356% due 4/15/2013 (b)
	2,400,000	Autonation, Inc., 7% due 4/15/2014
	1,192,000	Ford Capital B.V., 9.50% due 6/01/2010
	685,000	Ford Motor Co., 7.45% due 7/16/2031
	1,100,000	Ford Motor Co., 8.90% due 1/15/2032
	1,130,000	Ford Motor Credit Co., 8.105% due 1/13/2012 (b)
	300,000	Ford Motor Credit Co. LLC, 7.80% due 6/01/2012
	950,000	General Motors Acceptance Corp., 7.25% due 3/02/2011
	400,000	General Motors Acceptance Corp., 8% due 11/01/2031
	110,000	The Goodyear Tire & Rubber Co., 7.857% due 8/15/2011
	1,460,000	The Goodyear Tire & Rubber Co., 8.625% due 12/01/2011
	1,440,000	Group 1 Automotive, Inc., 2.25% due 6/15/2036
	745,000	Keystone Automotive Operations, Inc., 9.75% due 11/15/2011
	3,390,000	Lear Corp., 8.75% due 12/01/2016
	1,805,000	United Auto Group, Inc., 7.75% due 12/15/2016 (e)

Broadcasting - 5.1%	2,800,000	Allbritton Communications Co., 7.75% due 12/15/2012
	1,850,000	Barrington Broadcasting Group LLC, 10.50% due 8/15/2011
	800,000	Bonten Media Acquisition Co., 9% due 6/01/2015 (e) (g)
	3,175,000	CMP Susquehanna Corp., 9.875% due 5/15/2014 (e)
	420,000	Local TV Finance LLC, 9.25% due 6/15/2015 (e) (g)
	630,000	Nexstar Finance, Inc., 7% due 1/15/2014
	4,750,000	Paxson Communications Corp., 8.606% due 1/15/2012 (e)
	4,075,000	Salem Communications Corp., 7.75% due 12/15/2010
	2,550,000	Sinclair Broadcast Group, Inc., 8% due 3/15/2012
	875,000	Sirius Satellite Radio, Inc., 9.625% due 8/01/2013
	2,365,000	Umbrella Acquisition, 9.75% due 3/15/2015 (e) (g)
	1,915,000	Young Broadcasting, Inc., 10% due 3/01/2011

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Industry	Face Amount	Corporate Bonds
Cable - U.S. - 8.6%	\$ 3,750,000	CSC Holdings, Inc. Series B, 7.625% due 4/01/2011
	775,000	Cablevision Systems Corp. Series B, 8% due 4/15/2011
	5,440,000	Charter Communications Holdings I LLC, 11% due 10/01/2015
	1,270,000	Charter Communications Holdings I LLC, 11% due 10/01/2015
	5,470,000	Charter Communications Holdings II LLC, 10.25% due 9/15/2010
	3,090,000	Echostar DBS Corp., 7.125% due 2/01/2016
	355,000	Intelsat Bermuda Ltd., 11.409% due 6/15/2013 (b)

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	1,065,000	Intelsat Bermuda Ltd., 8.872% due 1/15/2015 (b)
	1,100,000	Intelsat Bermuda Ltd., 11.25% due 6/15/2016
	1,770,000	Intelsat Corp., 9% due 6/15/2016
	560,000	Intelsat Ltd., 6.50% due 11/01/2013
	3,475,000	Intelsat Subsidiary Holding Co. Ltd., 8.625% due 1/15/2015 (g)
	979,000	Loral Spacecom Corp., 14% due 11/15/2015 (g)
	3,900,000	Mediacom LLC, 9.50% due 1/15/2013
	3,459,000	PanAmSat Corp., 9% due 8/15/2014
	3,150,000	Quebecor Media, Inc., 7.75% due 3/15/2016
	3,100,000	Rainbow National Services LLC, 10.375% due 9/01/2016

Chemicals - 4.5%	1,400,000	American Pacific Corp., 9% due 2/01/2015 (e)
	850,000	Hexion U.S. Finance Corp., 9.75% due 11/15/2014
	1,000,000	Hexion U.S. Finance Corp., 9.86% due 11/15/2014 (b)
	1,295,000	Ineos Group Holdings Plc, 8.50% due 2/15/2016 (e)
	990,000	Innophos Holdings, Inc., 9.50% due 4/15/2012 (e)
	1,250,000	Innophos, Inc., 8.875% due 8/15/2014
	720,000	Key Plastics LLC & Key Plastics Finance Corp., 11.75% due 3/15/2013 (e)
	2,680,000	MacDermid, Inc., 9.50% due 4/15/2017 (e)
	3,700,000	Momentive Performance Materials, Inc., 10.125% due 12/01/2014 (e) (g)
	3,275,000	NOVA Chemicals Corp., 8.484% due 11/15/2013 (b)
	1,900,000	Nalco Co., 7.75% due 11/15/2011
	1,900,000	Nalco Co., 8.875% due 11/15/2013
	1,168,000	Nalco Finance Holdings, Inc., 10.078% due 2/01/2014
	875,000	Terra Capital, Inc. Series B, 7% due 2/01/2017

Consumer - Durables - 0.0%	100,000	Simmons Bedding Co., 7.875% due 1/15/2014

Consumer - Non-Durables - 3.4%	3,350,000	American Greetings Corp., 7.375% due 6/01/2016
	2,175,000	Chattem, Inc., 7% due 3/01/2014
	1,150,000	Church & Dwight Co., Inc., 6% due 12/15/2012
	5,725,000	Hines Nurseries, Inc., 10.25% due 10/01/2011
	3,200,000	Levi Strauss & Co., 8.875% due 4/01/2016
	3,150,000	Quiksilver, Inc., 6.875% due 4/15/2015

Diversified Media - 8.5%	2,189,000	Affinion Group, Inc., 11.50% due 10/15/2015
	375,000	American Media Operations, Inc. Series B, 10.25% due 5/01/2009
	540,000	CBD Media Holdings LLC, 9.25% due 7/15/2012
	4,125,000	CBD Media, Inc., 8.625% due 6/01/2011
	2,525,000	Cadmus Communications Corp., 8.375% due 6/15/2014

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Industry	Face Amount	Corporate Bonds
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	\$ 610,000	CanWest Media, Inc., 8% due 9/15/2012
	2,256,000	Dex Media West LLC, 9.875% due 8/15/2013
	3,190,000	Idearc, Inc., 8% due 11/15/2016
	3,173,000	Liberty Media Corp., 0.75% due 3/30/2023 (a)
	440,000	Network Communications, Inc., 10.75% due 12/01/2013
	4,775,000	Nielsen Finance LLC, 10% due 8/01/2014 (e)
	1,680,000	Nielsen Finance LLC, 9.919% due 8/01/2016 (e) (h)
	5,225,000	Primedia, Inc., 8% due 5/15/2013
	4,520,000	Quebecor World, Inc., 9.75% due 1/15/2015 (e)
	2,275,000	R.H. Donnelley Corp. Series A-2, 6.875% due 1/15/20
	2,040,000	R.H. Donnelley Corp. Series A-3, 8.875% due 1/15/20
	2,850,000	Universal City Florida Holding Co. I, 10.106% due 5

Energy - Exploration & Production - 3.8%	800,000	Berry Petroleum Co., 8.25% due 11/01/2016
	2,500,000	Chaparral Energy, Inc., 8.50% due 12/01/2015
	2,715,000	Compton Petroleum Finance Corp., 7.625% due 12/01/20
	4,450,000	EXCO Resources, Inc., 7.25% due 1/15/2011
	3,150,000	Encore Acquisition Co., 6.25% due 4/15/2014
	2,710,000	OPTI Canada, Inc., 8.25% due 12/15/2014 (e)
	1,220,000	Sabine Pass LNG LP, 7.50% due 11/30/2016 (e)
	2,220,000	Stone Energy Corp., 8.106% due 7/15/2010 (b) (e)

Energy - Other - 2.8%	3,625,000	Aleris International, Inc., 9% due 12/15/2014 (e) (g)
	1,750,000	Copano Energy LLC, 8.125% due 3/01/2016
	600,000	KCS Energy, Inc., 7.125% due 4/01/2012
	1,140,000	North American Energy Partners, Inc., 8.75% due 12/
	3,200,000	Ocean RIG ASA, 9.35% due 4/04/2011 (b)
	3,930,000	SemGroup LP, 8.75% due 11/15/2015 (e)

Financial - 0.6%	290,000	American Real Estate Partners LP, 7.125% due 2/15/20
	1,900,000	American Real Estate Partners LP, 7.125% due 2/15/20
	1,070,000	USI Holdings Corp., 9.23% due 11/15/2014 (b) (e)

Food & Tobacco - 3.4%	1,300,000	AmeriQual Group LLC, 9.50% due 4/01/2012 (e)
	2,300,000	Constellation Brands, Inc., 8.125% due 1/15/2012
	4,800,000	Cott Beverages USA, Inc., 8% due 12/15/2011
	4,791,000	Del Monte Corp., 8.625% due 12/15/2012
	320,000	Landry's Restaurants, Inc. Series B, 7.50% due 12/1
	3,150,000	National Beef Packing Co. LLC, 10.50% due 8/01/2011
	815,000	Swift & Co., 12.50% due 1/01/2010

Gaming - 7.2%	2,200,000	Caesars Entertainment, Inc., 7.875% due 3/15/2010
	155,000	Caesars Entertainment, Inc., 8.125% due 5/15/2011
	1,250,000	French Lick Resorts & Casino LLC, 10.75% due 4/15/20
	450,000	Galaxy Entertainment Finance Co. Ltd., 10.409% due 12/15/2010 (b) (e)
	875,000	Galaxy Entertainment Finance Co. Ltd., 9.875% due 12/15/2012 (e)
	950,000	Greektown Holdings, LLC, 10.75% due 12/01/2013 (e)

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Industry	Face Amount	Corporate Bonds
	\$ 5,185,000	Harrah's Operating Co., Inc., 5.75% due 10/01/2017
	2,575,000	Inn of the Mountain Gods Resort & Casino, 12% due 11/15/2010
	1,895,000	Little Traverse Bay Bands of Odawa Indians, 10.25% due 2/15/2014 (e)
	1,825,000	MGM Mirage, 9.75% due 6/01/2007
	625,000	MGM Mirage, 6.75% due 4/01/2013
	3,150,000	Penn National Gaming, Inc., 6.875% due 12/01/2011
	3,950,000	Poster Financial Group, Inc., 8.75% due 12/01/2011
	1,575,000	San Pasqual Casino, 8% due 9/15/2013 (e)
	1,900,000	Station Casinos, Inc., 6.50% due 2/01/2014
	2,575,000	Station Casinos, Inc., 7.75% due 8/15/2016
	1,050,000	Station Casinos, Inc., 6.625% due 3/15/2018
	3,270,000	Tropicana Entertainment, LLC, 9.625% due 12/15/2014
	2,825,000	Wynn Las Vegas LLC, 6.625% due 12/01/2014
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Health Care - 6.3%	300,000	Accellent, Inc., 10.50% due 12/01/2013
	1,800,000	Angiotech Pharmaceuticals, Inc., 9.11% due 12/01/2013
	900,000	The Cooper Cos., Inc., 7.125% due 2/15/2015 (e)
	3,175,000	Elan Finance Plc, 9.36% due 11/15/2011 (b)
	3,150,000	HealthSouth Corp., 11.354% due 6/15/2014 (b) (e)
	1,150,000	Omnicare, Inc., 6.75% due 12/15/2013
	1,250,000	Omnicare, Inc. Series OCR, 3.25% due 12/15/2035 (a)
	1,500,000	PTS Acquisition Corp., 9.50% due 4/15/2015 (e) (g)
	1,170,000	Tenet Healthcare Corp., 6.50% due 6/01/2012
	3,565,000	Tenet Healthcare Corp., 9.875% due 7/01/2014
	1,310,000	Triad Hospitals, Inc., 7% due 5/15/2012
	4,775,000	U.S. Oncology, Inc., 9% due 8/15/2012
	2,400,000	United Surgical Partners International, Inc., 8.875% due 5/01/2017 (e)
	520,000	Universal Hospital Services, Inc., 8.50% due 6/01/2012
	490,000	Universal Hospital Services, Inc., 8.759% due 6/01/2012
	1,575,000	VWR International, Inc., 8% due 4/15/2014
	3,175,000	Vanguard Health Holding Co. II, LLC, 9% due 10/01/2012
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Housing - 5.1%	4,750,000	Forest City Enterprises, Inc., 7.625% due 6/01/2015
	1,147,000	Goodman Global Holding Co., Inc., 8.36% due 6/15/2015
	2,225,000	Goodman Global Holding Co., Inc., 7.875% due 12/15/2015
	625,000	Masonite Corp., 11% due 4/06/2015 (e)
	820,000	Nortek, Inc., 8.50% due 9/01/2014
	1,500,000	Ply Gem Industries, Inc., 9% due 2/15/2012
	2,400,000	Realogy Corp., 10.50% due 4/15/2014 (e)
	3,800,000	Realogy Corp., 11% due 4/15/2014 (e) (g)
	5,420,000	Realogy Corp., 12.375% due 4/15/2015 (e)
	2,550,000	Standard-Pacific Corp., 9.25% due 4/15/2012
	1,600,000	Texas Industries, Inc., 7.25% due 7/15/2013

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Industry	Face Amount	Corporate Bonds
Information Technology - 6.7%	\$ 450,000 2,165,000 950,000 335,000 510,000 420,000 7,930,000 790,000 3,045,000 90,000 1,805,000 1,920,000 3,450,000 3,415,000 405,000 2,205,966 2,225,000 2,465,000	Amkor Technology, Inc., 7.75% due 5/15/2013 Amkor Technology, Inc., 9.25% due 6/01/2016 BMS Holdings, Inc., 12.40% due 2/15/2012 (b) (e) Compagnie Generale de Geophysique SA, 7.50% due 5/15/2015 Compagnie Generale de Geophysique-Veritas, 7.75% due 5/15/2017 Cypress Semiconductor Corp., 1% due 9/15/2009 (a) (e) Freescale Semiconductor, Inc., 9.125% due 12/15/2016 Freescale Semiconductor, Inc., 9.235% due 12/15/2016 Nortel Networks Ltd., 9.606% due 7/15/2011 (b) (e) Sanmina-SCI Corp., 6.75% due 3/01/2013 Sanmina-SCI Corp., 8.125% due 3/01/2016 Spansion, Inc., 8.485% due 6/01/2013 (b) (e) SunGard Data Systems, Inc., 9.125% due 8/15/2013 SunGard Data Systems, Inc., 10.25% due 8/15/2015 Telcordia Technologies, Inc., 10% due 3/15/2013 (e) UGS Capital Corp. II, 10.348% due 6/01/2011 (e) (g) UGS Corp., 10% due 6/01/2012 Viasystems, Inc., 10.50% due 1/15/2011
Leisure - 1.2%	2,425,000 3,180,000 135,000 530,000	FelCor Lodging LP, 8.50% due 6/01/2011 Great Canadian Gaming Corp., 7.25% due 2/15/2015 (e) Travelport, Inc., 9.875% due 9/01/2014 (e) Travelport, Inc., 9.985% due 9/01/2014 (b) (e)
Manufacturing - 4.6%	2,050,000 610,000 3,500,000 1,900,000 2,670,000 2,005,000 3,720,000 740,000 1,585,000 885,000 825,000 3,035,000	AGY Holding Corp., 11% due 11/15/2014 (e) Belden CDT, Inc., 7% due 3/15/2017 (e) CPI Holdco, Inc., 11.151% due 2/01/2015 (b) Coleman Cable, Inc., 9.875% due 10/01/2012 (e) Jarden Corp., 7.50% due 5/01/2017 NXP B.V., 8.106% due 10/15/2013 NXP B.V., 9.50% due 10/15/2015 RBS Global, Inc., 9.50% due 8/01/2014 RBS Global, Inc., 11.75% due 8/01/2016 RBS Global, Inc., 8.875% due 9/01/2016 (e) Sensata Technologies BV, 8% due 5/01/2014 Trimas Corp., 9.875% due 6/15/2012
Metal - Other - 3.8%	850,000 1,230,000 3,250,000	FMG Finance Pty. Ltd., 10% due 9/01/2013 (e) FMG Finance Pty. Ltd., 10.625% due 9/01/2016 (e) Foundation PA Coal Co., 7.25% due 8/01/2014

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1,820,000	Freeport-McMoRan Copper & Gold, Inc., 8.564% due 4/01/2015 (b)
5,250,000	Freeport-McMoRan Copper & Gold, Inc., 8.375% due 4/01/2015 (b)
3,475,000	Indalex Holding Corp. Series B, 11.50% due 2/01/2015
3,175,000	Novelis, Inc., 7.25% due 2/15/2015

Packaging - 3.8%	2,335,000	Berry Plastics Holding Corp., 8.875% due 9/15/2014
	3,015,000	Berry Plastics Holding Corp., 9.235% due 9/15/2014
	3,475,000	Graham Packing Co., Inc., 9.875% due 10/15/2014
	670,000	Impress Holdings B.V., 8.481% due 9/15/2013 (b) (e)

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Industry	Face Amount	Corporate Bonds
	\$ 4,175,000	Owens-Brockway Glass Container, Inc., 8.875% due 2/01/2015
	1,575,000	Owens-Brockway Glass Container, Inc., 8.25% due 5/15/2015
	2,165,000	Packaging Dynamics Finance Corp., 10% due 5/01/2016
	1,920,000	Pregis Corp., 12.375% due 10/15/2013 (e)
Paper - 7.5%	3,200,000	Abitibi-Consolidated, Inc., 8.86% due 6/15/2011 (b)
	1,195,000	Abitibi-Consolidated, Inc., 6% due 6/20/2013
	310,000	Abitibi-Consolidated, Inc., 8.85% due 8/01/2030
	1,575,000	Ainsworth Lumber Co. Ltd., 9.10% due 10/01/2010 (b)
	3,175,000	Boise Cascade LLC, 8.231% due 10/15/2012 (b)
	1,890,000	Bowater Canada Finance Corp., 7.95% due 11/15/2011
	4,475,000	Bowater, Inc., 8.36% due 3/15/2010 (b)
	5,075,000	Domtar, Inc., 7.125% due 8/15/2015
	1,675,000	Graphic Packaging International Corp., 8.50% due 8/01/2015
	1,000,000	Graphic Packaging International Corp., 9.50% due 8/01/2015
	2,400,000	NewPage Corp., 11.606% due 5/01/2012 (b)
	2,830,000	NewPage Corp., 12% due 5/01/2013
	1,415,000	Norske Skog Canada Ltd. Series D, 8.625% due 6/15/2011
	3,175,000	Rock-Tenn Co., 8.20% due 8/15/2011
	384,000	Smurfit Kappa Funding Plc, 9.625% due 10/01/2012
	3,770,000	Smurfit-Stone Container Enterprises, Inc., 8% due 3/15/2015
	1,525,000	Verso Paper Holdings LLC, 9.125% due 8/01/2014 (e)
	310,000	Verso Paper Holdings LLC, 11.375% due 8/01/2016 (e)
Retail - 4.9%	490,000	Beverages & More, Inc., 9.25% due 3/01/2012 (e)
	1,560,000	Buffets, Inc., 12.50% due 11/01/2014
	540,000	Burlington Coat Factory Warehouse Corp., 11.125% due 4/15/2014
	740,000	Claire's Stores, Inc., 9.25% due 6/01/2015 (e)
	740,000	Claire's Stores, Inc., 10.50% due 6/01/2017 (e)
	2,800,000	General Nutrition Centers, Inc., 9.85% due 3/15/2015
	2,260,000	General Nutrition Centers, Inc., 10.75% due 3/15/2015
	2,650,000	Michaels Stores, Inc., 10% due 11/01/2014 (e)

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3,350,000	Michaels Stores, Inc., 11.375% due 11/01/2016 (e)
1,875,000	Neiman Marcus Group, Inc., 9% due 10/15/2015 (g)
1,575,000	Neiman Marcus Group, Inc., 10.375% due 10/15/2015
2,280,000	Rite Aid Corp., 9.375% due 12/15/2015 (e)
3,980,000	Rite Aid Corp., 7.50% due 3/01/2017

Service - 8.0%

3,175,000	Ashtead Capital, Inc., 9% due 8/15/2016 (e)
950,000	Avis Budget Car Rental LLC, 7.625% due 5/15/2014
4,450,000	Avis Budget Car Rental LLC, 7.86% due 5/15/2014 (b)
660,000	Clarke American Corp., 9.50% due 5/15/2015 (e)
550,000	Clarke American Corp., 10.105% due 5/15/2015 (b)(e)
4,775,000	Corrections Corp. of America, 7.50% due 5/01/2011
1,000,000	DI Finance Series B, 9.50% due 2/15/2013
2,825,000	Dycom Industries, Inc., 8.125% due 10/15/2015
2,350,000	Mac-Gray Corp., 7.625% due 8/15/2015

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\$ 2,190,000	PNA Intermediate Holding Corp., 12.36% due 2/15/201
850,000	Sally Holdings LLC, 9.25% due 11/15/2014 (e)
2,840,000	Sally Holdings LLC, 10.50% due 11/15/2016 (e)
4,775,000	Service Corp. International, 7% due 6/15/2017
2,000,000	United Rentals North America, Inc., 7.75% due 11/15
4,775,000	Waste Services, Inc., 9.50% due 4/15/2014
200,000	Yankee Acquisition Corp., 8.50% due 2/15/2015
2,665,000	Yankee Acquisition Corp., 9.75% due 2/15/2017

Steel - 0.7%

3,175,000	Chaparral Steel Co., 10% due 7/15/2013
402,000	UCAR Finance, Inc., 10.25% due 2/15/2012

Telecommunications - 4.3%

3,175,000	Inmarsat Finance Plc, 7.625% due 6/30/2012
4,900,000	LCI International, Inc., 7.25% due 6/15/2007
1,100,000	MetroPCS Wireless, Inc., 9.25% due 11/01/2014 (e)
3,800,000	Nordic Telephone Co. Holdings ApS, 8.875% due 5/01/
650,000	Qwest Communications International, Inc., 7.50% due
2,300,000	Qwest Corp., 8.61% due 6/15/2013 (b)
875,000	Qwest Corp., 7.625% due 6/15/2015
4,800,000	Windstream Corp., 8.125% due 8/01/2013

Transportation - 2.1%

590,000	Britannia Bulk Plc, 11% due 12/01/2011
2,400,000	Navios Maritime Holdings, Inc., 9.50% due 12/15/201
2,225,000	OMI Corp., 7.625% due 12/01/2013
3,560,000	St. Acquisition Corp., 12.50% due 5/15/2017 (e)
2,250,000	Teekay Shipping Corp., 8.875% due 7/15/2011

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Utility - 6.9%	100,000	The AES Corp., 8.75% due 5/15/2013 (e)
	2,124,000	CenterPoint Energy, Inc. Series B, 3.75% due 5/15/2013
	3,975,000	ESI Tractebel Acquisition Corp. Series B, 7.99% due 5/15/2013
	2,975,000	Edison Mission Energy, 7.50% due 6/15/2013
	2,110,000	El Paso Performance-Linked Trust, 7.75% due 7/15/2013
	4,125,000	Mirant North America LLC, 7.375% due 12/31/2013
	2,550,000	NRG Energy, Inc., 7.25% due 2/01/2014
	2,350,000	NRG Energy, Inc., 7.375% due 2/01/2016
	660,000	NSG Holdings LLC, 7.75% due 12/15/2025 (e)
	2,400,000	Nevada Power Co. Series A, 8.25% due 6/01/2011
	6,050,000	Reliant Energy, Inc., 9.50% due 7/15/2013
	775,000	Sierra Pacific Resources, 8.625% due 3/15/2014
	3,236,586	Tenaska Alabama Partners LP, 7% due 6/30/2021 (e)

Wireless Communications - 6.0%	2,675,000	Centennial Cellular Operating Co. LLC, 10.125% due 11/01/2014
	2,170,000	Centennial Communications Corp., 11.099% due 1/01/2014
	2,145,000	Cricket Communications, Inc., 9.375% due 11/01/2014
	1,340,000	Digicel Group Ltd., 8.875% due 1/15/2015 (e)
	3,300,000	Digicel Group Ltd., 9.125% due 1/15/2015 (e)(g)
	1,900,000	Dobson Communications Corp., 9.606% due 10/15/2012
	990,000	iPCS, Inc., 7.48% due 5/01/2013 (b)(e)
	5,510,000	MetroPCS Wireless, Inc., 9.25% due 11/01/2014 (e)

BlackRock Corporate High Yield Fund VI, Inc.
Schedule of Investments as of May 31, 2007

(in U.S. dollars)

Industry	Face Amount	Corporate Bonds
	\$ 320,000	Orascom Telecom Finance SCA, 7.875% due 2/08/2014
	555,000	Orascom Telecom Finance SCA, 7.875% due 2/08/2014 (k)
	4,075,000	Rural Cellular Corp., 8.25% due 3/15/2012
	1,200,000	West Corp., 9.50% due 10/15/2014
	4,470,000	West Corp., 11% due 10/15/2016

Total Corporate Bonds (Cost - \$664,701,405) - 129.3

Floating Rate Loan Interests (k)

Chemicals - 0.9%	4,870,000	Wellman, Inc. Second Lien Term Loan, 12.106% due 2/15/2013
Consumer - Non-Durables - 0.2%	39,871	Spectrum Brands Letter of Credit, 5.17% due 4/15/2013
	806,592	Spectrum Brands Term Loan B-1, 9.32% due 4/15/2013
	143,536	Spectrum Brands Term Loan B-2, 9.32% due 4/15/2013

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Diversified Media - 0.1%	650,000	Affinion Group Term Loan, 11.66% due 3/01/2012
Energy - Exploration & Production - 0.4%	1,000,000	Sandridge Energy Term Loan, 8.975% due 3/01/2014
	1,100,000	Sandridge Energy Term Loan, 8.625% due 3/01/2015
Health Care - 0.4%	2,290,000	Rotech Healthcare, Inc. Term Loan B, 11.36% due 9/2
Leisure - 1.1%	6,030,000	Travelport, Inc. Term Loan, 12.35% due 3/22/2012
Manufacturing - 0.1%	560,000	Rexnord Corp. Payment In Kind Term Loan, 12.36% due 3/02/2013
Packaging - 0.3%	1,350,000	Berry Plastics, 11.61% due 6/15/2014
		Total Floating Rate Loan Interests (Cost - \$18,491,411) - 3.5%

	Shares Held	Common Stocks
Cable - U.S. - 1.2%	134,207	Loral Space & Communications Ltd. (d)
Information Technology - 0.6%	154,040	Cypress Semiconductor Corp. (d)
Manufacturing - 0.3%	116,910	Medis Technologies Ltd. (d)
Paper - 0.1%	78,039	Western Forest Products, Inc. Restricted Shares (d)
		Total Common Stocks (Cost - \$9,795,921) - 2.2%

Preferred Securities

		Preferred Stocks
Cable - U.S. - 0.4%	10,355	Loral Spacecom Corp. Series A, 12% (g)
Energy - Exploration & Production - 0.7%	67	EXCO Resources, Inc., 7% (a)
	279	EXCO Resources, Inc., 11%
		Total Preferred Securities (Cost - \$5,507,118) - 1.

Warrants (i)

Health Care - 0.0%	54,577	HealthSouth Corp. (expires 1/16/2014)
		Total Warrants - (Cost - \$0) - 0.0%

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BlackRock Corporate High Yield Fund VI, Inc.
 Schedule of Investments as of May 31, 2007

(in U.S. dollars)

	Beneficial Interest	Other Interests (f)
Cable - U.S. - 0.0%	\$ 1,300,000	Adelphia Escrow
	1,630,376	Adelphia Recovery Trust
		Total Other Interests (Cost - \$5,330) - 0.0%
		Short-Term Securities
	499,906	BlackRock Liquidity Series, LLC Cash Sweep Series,
		Total Short-Term Securities (Cost - \$499,906) - 0.1%
		Total Investments (Cost - \$699,001,091*) - 136.2%
		Liabilities in Excess of Other Assets - (36.2%)
		Net Assets - 100.0%

* The cost and unrealized appreciation (depreciation) of investments as of May 31, 2007, as computed for federal income tax purposes, were as follows:

Aggregate cost	\$ 699,735,946
	=====
Gross unrealized appreciation	\$ 25,900,111
Gross unrealized depreciation	(5,241,968)

Net unrealized appreciation	\$ 20,658,143
	=====

- (a) Convertible security.
- (b) Floating rate security.
- (c) Investments in companies considered to be an affiliate of the Fund, for purposes of Section 2(a)(3) of the Investment Company Act of 1940, were as follows:

Affiliate	Net Activity	Interest Income
BlackRock Liquidity Series, LLC Cash Sweep Series	\$ 432,465	\$ 924,423

- (d) Non-income producing security.
- (e) The security may be offered and sold to "qualified institutional buyers" under Rule 144A of the Securities Act of 1933.

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- (f) Other interests represent beneficial interest in liquidation trusts and other reorganization entities and are non-income producing.
- (g) Represents a pay-in-kind security which may pay interest/dividends in additional face/shares.
- (h) Represents a step bond; the interest rate shown reflects the effective yield at the time of purchase.
- (i) Warrants entitle the Fund to purchase a predetermined number of shares of common stock and are non-income producing. The purchase price and number of shares are subject to adjustment under certain conditions until the expiration date.
- (j) Represents the current yield as of May 31, 2007.
- (k) Floating rate loan interests in which the Fund invests generally pay interest at rates that are periodically determined by reference to a base lending rate plus a premium. The base lending rates are generally (i) the lending rate offered by one or more major European banks, such as LIBOR (London InterBank Offered Rate), (ii) the prime rate offered by one or more major U.S. banks or (iii) the certificate of deposit rate.
- o For Fund compliance purposes, the Fund's industry classifications refer to any one or more of the industry sub-classifications used by one or more widely recognized market indexes or ratings group indexes, and/or as defined by Fund management. This definition may not apply for purposes of this report which may combine industry sub-classifications for reporting ease. Industries are shown as a percent of net assets.

BlackRock Corporate High Yield Fund VI, Inc.
 Schedule of Investments as of May 31, 2007

(in U.S. dollars)

- o Swaps outstanding as of May 31, 2007 were as follows:

	Notional Amount	Un App
Sold credit default protection on General Motors Corp. and receive 4.40% Broker, Morgan Stanley Capital Services, Inc. Expires June 2007	\$ 625,000	\$
Sold credit default protection on General Motors Corp. and receive 8% Broker, Morgan Stanley Capital Services, Inc. Expires June 2007	\$ 625,000	
Sold credit default protection on Ford Motor Co. and receive 3.80% Broker, JPMorgan Chase Expires March 2010	\$ 5,000,000	
Sold credit default protection on Ford Motor Co. and receive 3.80% Broker, UBS Warburg Expires March 2010	\$ 1,590,000	
Sold credit default protection on Ford Motor Co. and receive 5% Broker, Goldman Sachs Expires June 2010	\$ 6,330,000	

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Sold credit default protection on Primedia, Inc. and receive 2.45%

Broker, Lehman Brothers Special Finance
Expires March 2012

\$ 1,500,000

Total

\$
===

Item 2 - Controls and Procedures

- 2(a) - The registrant's certifying officers have reasonably designed such disclosure controls and procedures to ensure material information relating to the registrant is made known to us by others particularly during the period in which this report is being prepared. The registrant's certifying officers have determined that the registrant's disclosure controls and procedures are effective based on our evaluation of these controls and procedures as of a date within 90 days prior to the filing date of this report.
- 2(b) - There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the Act (17 CFR 270.30a-3(d)) that occurred during the last fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3 - Exhibits

Certifications - Attached hereto

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.

BlackRock Corporate High Yield Fund VI, Inc.

By: /s/ Robert C. Doll, Jr.

Robert C. Doll, Jr.
Chief Executive Officer
BlackRock Corporate High Yield Fund VI, Inc.

Date: July 24, 2007

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/ Robert C. Doll, Jr.

Robert C. Doll, Jr.
Chief Executive Officer
BlackRock Corporate High Yield Fund VI, Inc.

Date: July 24, 2007

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By: /s/ Donald C. Burke

Donald C. Burke
Chief Financial Officer
BlackRock Corporate High Yield Fund VI, Inc.

Date: July 24, 2007