

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

OMB APPROVAL
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FORM SE

FORM FOR SUBMISSION OF PAPER FORMAT EXHIBITS
BY ELECTRONIC FILERS

MAY 11 2004

Wells Fargo Asset Securities Corporation
Exact name of registrant as specified in charter

0001011663
Registrant CIK Number

8-K FOR 5-11-04
Electronic report, schedule or registration statement
of which the documents are a part (give period of report)

333-110283
SEC file number, if available

Name of Person Filing the Document (If other than the Registrant)

PROCESSED

MAY 12 2004

**THOMSON
FINANCIAL**

SIGNATURES

Filings Made By the Registrant:

The Registrant has duly caused this form to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Frederick, State of Maryland, May 11, 2004.

Wells Fargo Asset Securities Corporation
(Registrant)

By: _____

Name: Patrick Greene
Title: Senior Vice President

Filings Made by Person Other Than the Registrant:

After reasonable inquiry and to the best of my knowledge and belief, I certify on _____,
_____, that the information set forth in this statement is true and complete.

By: _____
(Name)

(Title)

wfmb04-f-final -- A1

Morgan Stanley

Balance \$2,000,000.00 Delay 24 WAC 5.153639726 WAM 358
 Coupon 4.76864 Dated 05/01/2004 NET 4.76864 WALA 2
 Settle 05/28/2004 First Payment 06/25/2004

Price	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR
	Yield	Yield	Yield	Yield	Yield	Yield	Yield	Yield
100-08+	4.68	4.62	4.57	4.51	4.37	4.14	3.94	3.69
100-10+	4.64	4.58	4.51	4.43	4.27	3.97	3.73	3.43
100-14+	4.61	4.53	4.45	4.36	4.16	3.81	3.52	3.16
100-18+	4.58	4.49	4.39	4.29	4.06	3.65	3.31	2.89
100-22+	4.54	4.44	4.33	4.21	3.95	3.49	3.11	2.63
100-26+	4.51	4.40	4.27	4.14	3.85	3.33	2.90	2.37
100-30+	4.48	4.35	4.21	4.07	3.74	3.17	2.69	2.10
101-02+	4.45	4.31	4.16	4.00	3.64	3.01	2.49	1.84
101-06+	4.41	4.26	4.10	3.92	3.54	2.85	2.28	1.58
101-10+	4.38	4.22	4.04	3.85	3.43	2.69	2.08	1.32
101-14+	4.35	4.17	3.98	3.78	3.33	2.53	1.87	1.06
WAL	4.41	3.08	2.31	1.83	1.25	0.80	0.62	0.48
Mod Durr	3.75	2.73	2.11	1.69	1.18	0.77	0.60	0.47
Principal Window	Jun04 - Mar14	Jun04 - May12	Jun04 - May10	Jun04 - Feb09	Jun04 - Aug07	Jun04 - Jun06	Jun04 - Dec05	Jun04 - Jul05
CMT 1YR	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
Prepay	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR

The information herein has been provided solely by Morgan Stanley & Co. Incorporated. Neither the issuer of the certificates nor any of its affiliates makes any representation as to the accuracy or completeness of the information herein. The information herein is preliminary and will be superseded by the applicable prospectus supplement and by any other information subsequently filed with the Securities and Exchange Commission.

wfmb04-f-final -- A2

Morgan Stanley

Balance \$28,823,000.00 Delay 24 WAC 5.153639726 WAM 358
 Coupon 4.76864 Dated 05/01/2004 NET 4.76864 WALA 2
 Settle 05/28/2004 First Payment 06/25/2004

Price	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR
	Yield	Yield	Yield	Yield	Yield	Yield	Yield	Yield
100-30+	4.21	3.95	3.68	3.39	2.77	1.70	0.85	-0.19
101-02+	4.15	3.86	3.56	3.25	2.58	1.40	0.46	-0.68
101-06+	4.09	3.78	3.45	3.11	2.38	1.10	0.08	-1.16
101-10+	4.03	3.70	3.34	2.98	2.18	0.80	-0.30	-1.63
101-14+	3.97	3.61	3.23	2.84	1.98	0.50	-0.68	-2.11
101-18+	3.91	3.53	3.12	2.70	1.79	0.20	-1.05	-2.58
101-22+	3.85	3.44	3.01	2.56	1.59	-0.09	-1.43	-3.06
101-26+	3.80	3.36	2.91	2.43	1.40	-0.39	-1.80	-3.53
101-30+	3.74	3.28	2.80	2.29	1.20	-0.68	-2.18	-3.99
102-02+	3.68	3.19	2.69	2.16	1.01	-0.98	-2.55	-4.46
102-06+	3.62	3.11	2.58	2.02	0.82	-1.27	-2.92	-4.93
WAL	2.27	1.56	1.17	0.93	0.64	0.42	0.32	0.26
Mod Durn	2.09	1.47	1.12	0.90	0.63	0.41	0.33	0.26
Principal Window	Jun04 - May09	Jun04 - Oct07	Jun04 - Dec06	Jun04 - May06	Jun04 - Oct05	Jun04 - Apr05	Jun04 - Jan05	Jun04 - Nov04
CMT 1YR	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
Prepay	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR

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Morgan Stanley

Balance \$15,000,000.00 Delay 24 WAC 5.153639726 WAM 358
 Coupon 4.76864 Dated 05/01/2004 NET 4.76864 WALA 2
 Settle 05/28/2004 First Payment 06/25/2004

Price	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR
	Yield	Yield	Yield	Yield	Yield	Yield	Yield	Yield
97-07	5.14	5.15	5.18	5.23	5.37	5.64	5.88	6.19
97-11	5.13	5.13	5.16	5.21	5.34	5.60	5.82	6.12
97-15	5.11	5.12	5.15	5.19	5.31	5.56	5.77	6.04
97-19	5.09	5.10	5.13	5.17	5.28	5.51	5.72	5.97
97-23	5.08	5.08	5.11	5.15	5.25	5.47	5.66	5.90
97-27	5.06	5.06	5.09	5.13	5.23	5.43	5.61	5.83
97-31	5.04	5.05	5.07	5.11	5.20	5.39	5.55	5.76
98-03	5.03	5.03	5.05	5.08	5.17	5.34	5.50	5.69
98-07	5.01	5.01	5.03	5.06	5.14	5.30	5.44	5.62
98-11	4.99	5.00	5.01	5.04	5.11	5.26	5.39	5.55
98-15	4.98	4.98	5.00	5.02	5.09	5.22	5.34	5.48
WAL	9.83	9.54	8.49	7.31	5.32	3.41	2.58	1.97
Mod Durn	7.64	7.46	6.77	5.96	4.51	3.02	2.34	1.82
Principal Window	Mar14 - Mar14	May12 - Mar14	May10 - Mar14	Feb09 - Mar14	Aug07 - Mar14	Jun06 - Mar14	Dec05 - Mar14	Jul05 - Mar14
CMT_1YR	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
Prepay	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR

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Morgan Stanley

Balance \$50,000,000.00 Delay 24 WAC 5.153639726 WNM 358
Coupon 4.76864 Dated 05/01/2004 NET 4.76864 WALA 2
Settle 05/28/2004 First Payment 06/25/2004

Price	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR
	Yield	Yield	Yield	Yield	Yield	Yield	Yield	Yield
99-15	4.87	4.88	4.89	4.91	4.95	5.02	5.08	5.16
99-19	4.84	4.84	4.85	4.86	4.87	4.90	4.93	4.96
99-23	4.81	4.81	4.80	4.80	4.79	4.78	4.77	4.76
99-27	4.78	4.77	4.76	4.74	4.71	4.66	4.61	4.56
99-31	4.75	4.73	4.71	4.69	4.64	4.54	4.46	4.36
100-03	4.72	4.70	4.67	4.64	4.56	4.42	4.31	4.16
100-07	4.69	4.66	4.63	4.58	4.48	4.30	4.15	3.96
100-11	4.67	4.63	4.58	4.53	4.40	4.18	4.00	3.77
100-15	4.64	4.59	4.54	4.47	4.33	4.06	3.84	3.57
100-19	4.61	4.56	4.49	4.42	4.25	3.94	3.69	3.37
100-23	4.58	4.52	4.45	4.36	4.17	3.83	3.54	3.18
WAL	5.30	4.12	3.22	2.55	1.74	1.10	0.85	0.66
Mod Durn	4.39	3.49	2.80	2.27	1.60	1.04	0.81	0.63
Principal Window	Jun04 - Mar14	Jun04 - Mar14	Jun04 - Mar14	Jun04 - Aug12	Jun04 - Dec09	Jun04 - Nov07	Jun04 - Jan07	Jun04 - Jun06
CMT_1YR	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
Prepay	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR

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Morgan Stanley

Balance \$50,000,000.00 Delay 24 WAC 5.153639725 WAM 358
 Coupon 4.76864 Dated 05/01/2004 NET 4.76864 WALA 2
 Settle 05/28/2004 First Payment 06/25/2004

Price	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR
	Yield	Yield	Yield	Yield	Yield	Yield	Yield	Yield
99-09	4.91	4.93	4.96	4.99	5.07	5.20	5.32	5.46
99-13	4.88	4.90	4.92	4.94	4.99	5.08	5.16	5.26
99-17	4.85	4.86	4.87	4.88	4.91	4.96	5.00	5.06
99-21	4.82	4.82	4.83	4.83	4.83	4.84	4.85	4.86
99-25	4.79	4.79	4.78	4.77	4.75	4.72	4.69	4.66
99-29	4.77	4.75	4.74	4.72	4.68	4.60	4.54	4.46
100-01	4.74	4.72	4.69	4.66	4.60	4.48	4.38	4.26
100-05	4.71	4.68	4.65	4.61	4.52	4.36	4.23	4.06
100-09	4.68	4.65	4.60	4.55	4.44	4.24	4.07	3.87
100-13	4.65	4.61	4.56	4.50	4.36	4.12	3.92	3.67
100-17	4.62	4.57	4.51	4.44	4.29	4.00	3.77	3.47
WAL	5.30	4.12	3.22	2.55	1.74	1.10	0.85	0.66
Mod Durn	4.38	3.49	2.80	2.27	1.60	1.04	0.80	0.63
Principal Window	Jun04 - Mar14	Jun04 - Mar14	Jun04 - Mar14	Jun04 - Aug12	Jun04 - Dec09	Jun04 - Nov07	Jun04 - Jan07	Jun04 - Jun06
CMT_1YR	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
Prepay	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR

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Morgan Stanley

Balance \$19,470,000.00 Delay 24 WAC 5.153639726 WAM 358
Coupon 4.76864 Dated 05/01/2004 NET 4.76864 WALA 2
Settle 05/28/2004 First Payment 06/25/2004

Price	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR
	Yield	Yield	Yield	Yield	Yield	Yield	Yield	Yield
94-04	5.57	5.57	5.57	5.57	5.75	6.17	6.56	7.07
94-08	5.55	5.55	5.55	5.57	5.73	6.14	6.52	7.02
94-12	5.53	5.53	5.53	5.55	5.71	6.11	6.48	6.97
94-16	5.51	5.51	5.51	5.53	5.69	6.08	6.44	6.91
94-20	5.50	5.50	5.50	5.52	5.67	6.05	6.40	6.86
94-24	5.48	5.48	5.48	5.50	5.65	6.02	6.36	6.81
94-28	5.46	5.46	5.46	5.48	5.62	5.98	6.32	6.76
95-00	5.44	5.44	5.44	5.46	5.60	5.95	6.28	6.70
95-04	5.43	5.43	5.43	5.44	5.58	5.92	6.24	6.65
95-08	5.41	5.41	5.41	5.43	5.56	5.89	6.20	6.60
95-12	5.39	5.39	5.39	5.41	5.54	5.86	6.16	6.55
WAL	9.83	9.83	9.83	9.49	7.49	4.90	3.70	2.81
Mod Durn	7.59	7.59	7.38	6.06	4.19	3.25	2.52	2.52
Principal Window	Mar14 - Mar14	Mar14 - Mar14	Mar14 - Mar14	Aug12 - Mar14	Dec09 - Mar14	Nov07 - Mar14	Jan07 - Mar14	Jun06 - Mar14
CMT_1YR	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
Prepay	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR

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wfmbs04-f-final -- A7

Morgan Stanley

Balance \$19,470,000.00 Delay 24 WAC 5.153639726 WAM 358
 Coupon 4.76864 Dated 05/01/2004 NET 4.76864 WALA 2
 Settle 05/28/2004 First Payment 06/25/2004

Price	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR
	Yield	Yield	Yield	Yield	Yield	Yield	Yield	Yield
90-25	6.04	6.04	6.04	6.08	6.35	7.04	7.68	8.51
90-29	6.02	6.02	6.02	6.06	6.33	7.01	7.64	8.46
91-01	6.01	6.01	6.01	6.04	6.31	6.97	7.60	8.40
91-05	5.99	5.99	5.99	6.02	6.28	6.94	7.55	8.35
91-09	5.97	5.97	5.97	6.00	6.26	6.91	7.51	8.29
91-13	5.95	5.95	5.95	5.98	6.24	6.87	7.47	8.24
91-17	5.93	5.93	5.93	5.97	6.22	6.84	7.43	8.18
91-21	5.92	5.92	5.92	5.95	6.19	6.81	7.38	8.13
91-25	5.90	5.90	5.90	5.93	6.17	6.78	7.34	8.08
91-29	5.88	5.88	5.88	5.91	6.15	6.74	7.30	8.02
92-01	5.86	5.86	5.86	5.89	6.13	6.71	7.26	7.97
WAL	9.83	9.83	9.83	9.49	7.49	4.90	3.70	2.81
Mod Durn	7.53	7.53	7.53	7.32	6.01	4.15	3.22	2.49
Principal Window	Mar14 - Mar14	Mar14 - Mar14	Mar14 - Mar14	Aug12 - Mar14	Dec09 - Mar14	Nov07 - Mar14	Jan07 - Mar14	Jun06 - Mar14
CMT_1YR	1.57	1.57	1.57	1.57	1.57	1.57	1.57	1.57
Prepay	10 CPR	15 CPR	20 CPR	25 CPR	35 CPR	50 CPR	60 CPR	70 CPR

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