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

04025742

Estimated average burden
hours per response. . . 0.10

FORM SE

FORM FOR SUBMISSION OF PAPER FORMAT EXHIBITS BY ELECTRONIC FILERS

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

0001011663
Registrant CIK Number

APR 14 2004

8-K FOR 4/14/04 SER 2004-D
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)

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, April 13, 2004.

Wells Fargo Asset Securities Corporation
(Registrant)

By: [signature]
Name: Patrick Greene
Title: Senior Vice President

PROCESSED
APR 15 2004
THOMSON FINANCIAL

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)

Wells Fargo 2004-D Computation Materials (4-12-04)

Modeled	: Yes	Paydown	: 0	Coll Source	: MCF File	Pricing Type	: CPB	Auto Update	: No
Deal Format	: CMODEV	Paydown Date	: 20040414	TBV Source	: NA	Pricing Speed	: 25.0		:
Res Modeled	: Yes	First Payment	: 20040525	Assumed Coll	: No	Pricing Date	: 20040414		:
Call Modeled	: Yes	Closed	: 20040414	Descend	: No		:		:
Model Type	: SRJR	Collat Mode	: STD	Summary Coll	: No	Bond Paymode	: Constant	Last Updated	: 99999999
Indic Status	:	Frequency	: 12	Group Bypass	: No	BV Rescale	: No	Coll Fctr Date	: 20040401

SEE SPREADSHEET FOR REPLINES

#	Class	Cusip	Coupon	Original Balance	Current Balance	Delay	Daycount	Group	Aux	Description
1	A-1		4.7940	250,000,000.00	250,000,000.00	24	30/360	1		REG/VAR
2	A-2		4.5000	98,505,000.00	98,505,000.00	24	30/360	1		REG/VAR
3	A-R		4.7940	0.00	0.00	24	30/360	1		NPR/REG/VAR
4	B-1		4.7940	3,394,000.00	3,394,000.00	24	30/360	0		REG/VAR
5	B-2		4.7940	2,679,000.00	2,679,000.00	24	30/360	0		REG/VAR
6	B-3		4.7940	893,000.00	893,000.00	24	30/360	0		REG/VAR
7	B-4		4.7940	1,072,000.00	1,072,000.00	24	30/360	0		REG/VAR
8	B-5		4.7940	357,000.00	357,000.00	24	30/360	0		REG/VAR
9	B-6		4.7940	357,476.80	357,476.80	24	30/360	0		REG/VAR
10	WIO1		0.2940	98,505,000.00	98,505,000.00	24	30/360	0		IO/NTL/VAR
11	R		0.0000	357,257,476.80	357,257,476.80	24	30/360	0		IO/NTL/VAR

PAY RULE

- PAY AR
- PAY A1, A2 PRO-RATA

NOTE

- TSY1 1.32000
- WIO1 NOTIONAL BAL = A2 BAL
- A2 COUPON IS LESSER OF I)NWAC, II) 4.5% FOR THE FIRST 119 PERIOD, NWAC AFTERWARDS
- WIO1 COUPON IS (NWAC - A2 COUPON) FOR THE FIRST 119 PERIOD, 0 AFTERWARDS
- COUPON FOR ALL OTHER BONDS ARE NWAC
- 2X TEST: WITHIN FIRST 3 YEARS, SUBS GET 50% OF PRO-RATA SHARE OF PREPAY IF TEST PASS. THEREAFTER, SUBS GET PRO-RATA SHARE OF PREPAY IF TEST PASS.

ASSUME: TSY1 1.32 NO COUP_HIST
ASSUME: SETTLE 20040414

WF04 D YIELD MATRIX

CLASS A-1	CPR 0	CPR 15	CPR 25	CPR 35	CPR 50	CPR 60	CPR 75
PRICE 100.43	4.35	4.56	4.54	4.46	4.28	4.12	3.81
PRICE 100.4925	4.34	4.55	4.52	4.43	4.23	4.06	3.72
PRICE 100.555	4.34	4.53	4.50	4.40	4.19	4.00	3.64
PRICE 100.6175	4.33	4.52	4.48	4.37	4.14	3.95	3.55
PRICE 100.68	4.33	4.51	4.46	4.34	4.09	3.89	3.47
PRICE 100.7425	4.32	4.49	4.43	4.31	4.05	3.83	3.38
PRICE 100.805	4.32	4.48	4.41	4.28	4.00	3.77	3.30
PRICE 100.8675	4.31	4.46	4.39	4.25	3.96	3.71	3.21
PRICE 100.93	4.31	4.45	4.37	4.22	3.91	3.65	3.13
PRICE 100.9925	4.30	4.43	4.35	4.19	3.86	3.59	3.04
PRICE 101.055	4.30	4.42	4.32	4.16	3.82	3.53	2.96
PRICE 101.1175	4.29	4.40	4.30	4.13	3.77	3.48	2.88
PRICE 101.18	4.29	4.39	4.28	4.10	3.73	3.42	2.79
PRICE 101.2425	4.28	4.37	4.26	4.07	3.68	3.36	2.71
PRICE 101.305	4.27	4.36	4.24	4.03	3.64	3.30	2.62
PRICE 101.3675	4.27	4.35	4.21	4.00	3.59	3.24	2.54
PRICE 101.43	4.26	4.33	4.19	3.97	3.54	3.18	2.46
PRICE 101.4925	4.26	4.32	4.17	3.94	3.50	3.13	2.37
PRICE 101.555	4.25	4.30	4.15	3.91	3.45	3.07	2.29
PRICE 101.6175	4.25	4.29	4.13	3.88	3.41	3.01	2.21
PRICE 101.68	4.24	4.27	4.11	3.85	3.36	2.95	2.12
PRICE 101.7425	4.24	4.26	4.09	3.82	3.32	2.89	2.04
PRICE 101.805	4.23	4.25	4.06	3.79	3.27	2.84	1.96
PRICE 101.8675	4.23	4.23	4.04	3.76	3.23	2.78	1.88
PRICE 101.93	4.22	4.22	4.02	3.73	3.18	2.72	1.79
PRICE 101.9925	4.22	4.20	4.00	3.70	3.14	2.66	1.71
PRICE 102.055	4.21	4.19	3.98	3.67	3.09	2.61	1.63
PRICE 102.1175	4.21	4.18	3.96	3.65	3.05	2.55	1.55
PRICE 102.18	4.20	4.16	3.94	3.62	3.00	2.49	1.46
PRICE 102.2425	4.20	4.15	3.91	3.59	2.96	2.44	1.38
PRICE 102.305	4.19	4.13	3.89	3.56	2.91	2.38	1.30
PRICE 102.3675	4.18	4.12	3.87	3.53	2.87	2.32	1.22
PRICE 102.43	4.18	4.10	3.85	3.50	2.83	2.27	1.14

WF04.D WAL MATRIX

CLASS A-1	CPR 0	CPR 15	CPR 25	CPR 35	CPR 50	CPR 60	CPR 75
	18.45	5.37	3.28	2.25	1.44	1.11	0.78

ASSUME: TSY1 1.32 NO COUP_HIST
ASSUME: SETTLE 20040414

WF04.D YIELD MATRIX

CLASS A-2	CPR 0	CPR 15	CPR 25	CPR 35	CPR 50	CPR 60	CPR 75
PRICE 99.81	4.22	4.44	4.48	4.48	4.46	4.44	4.39
PRICE 99.8725	4.21	4.43	4.46	4.46	4.41	4.38	4.30
PRICE 99.935	4.20	4.41	4.44	4.42	4.37	4.32	4.22
PRICE 99.9975	4.20	4.40	4.41	4.39	4.32	4.26	4.13
PRICE 100.06	4.19	4.38	4.39	4.36	4.27	4.20	4.05
PRICE 100.1225	4.19	4.37	4.37	4.33	4.23	4.14	3.96
PRICE 100.185	4.18	4.35	4.35	4.30	4.18	4.08	3.87
PRICE 100.2475	4.18	4.34	4.33	4.27	4.13	4.02	3.79
PRICE 100.31	4.17	4.32	4.30	4.24	4.09	3.96	3.70
PRICE 100.3725	4.17	4.31	4.28	4.20	4.04	3.90	3.62
PRICE 100.435	4.16	4.29	4.26	4.17	3.99	3.84	3.53
PRICE 100.4975	4.16	4.28	4.24	4.14	3.95	3.78	3.45
PRICE 100.56	4.15	4.27	4.22	4.11	3.90	3.72	3.36
PRICE 100.6225	4.15	4.25	4.19	4.08	3.86	3.66	3.28
PRICE 100.685	4.14	4.24	4.17	4.05	3.81	3.60	3.19
PRICE 100.7475	4.14	4.22	4.15	4.02	3.76	3.55	3.11
PRICE 100.81	4.13	4.21	4.13	3.99	3.72	3.49	3.02
PRICE 100.8725	4.13	4.19	4.11	3.96	3.67	3.43	2.94
PRICE 100.935	4.12	4.18	4.08	3.93	3.63	3.37	2.85
PRICE 100.9975	4.12	4.17	4.06	3.90	3.58	3.31	2.77
PRICE 101.06	4.11	4.15	4.04	3.87	3.53	3.25	2.69
PRICE 101.1225	4.10	4.14	4.02	3.84	3.49	3.19	2.60
PRICE 101.185	4.10	4.12	4.00	3.81	3.44	3.14	2.52
PRICE 101.2475	4.09	4.11	3.98	3.78	3.40	3.08	2.43
PRICE 101.31	4.09	4.09	3.96	3.75	3.35	3.02	2.35
PRICE 101.3725	4.08	4.08	3.93	3.72	3.31	2.96	2.27
PRICE 101.435	4.08	4.07	3.91	3.69	3.26	2.90	2.18
PRICE 101.4975	4.07	4.05	3.89	3.66	3.22	2.85	2.10
PRICE 101.56	4.07	4.04	3.87	3.63	3.17	2.79	2.02
PRICE 101.6225	4.06	4.02	3.85	3.60	3.13	2.73	1.93
PRICE 101.685	4.06	4.01	3.83	3.57	3.08	2.67	1.85
PRICE 101.7475	4.05	4.00	3.81	3.54	3.04	2.62	1.77
PRICE 101.81	4.05	3.98	3.78	3.51	2.99	2.56	1.69

WF04.D WAL MATRIX

CLASS A-2	CPR 0	CPR 15	CPR 25	CPR 35	CPR 50	CPR 60	CPR 75
	18.45	5.37	3.28	2.25	1.44	1.11	0.78

ASSUME: TSY1 1.32 NO COUP_HIST
ASSUME: SETTLE 20040414

WF04.D YIELD MATRIX

CLASS WIO1	CPR 0	CPR 15	CPR 25	CPR 35	CPR 50	CPR 60	CPR 75
PRICE 0.115	346.04	310.85	285.30	257.65	211.09	175.36	110.09
PRICE 0.14625	256.12	225.58	203.43	179.52	139.37	108.63	52.63
PRICE 0.1775	202.37	174.69	154.65	133.04	96.82	69.14	18.76
PRICE 0.20875	166.84	141.09	122.48	102.43	68.85	43.22	-3.42
PRICE 0.24	141.69	117.33	99.75	80.82	49.15	24.99	-19.00
PRICE 0.27125	122.98	99.67	82.87	64.79	34.56	11.50	-30.50
PRICE 0.3025	108.54	86.05	69.86	52.45	23.34	1.14	-39.33
PRICE 0.33375	97.05	75.22	59.53	42.65	14.45	-7.07	-46.31
PRICE 0.365	87.70	66.41	51.13	34.70	7.23	-13.72	-51.95
PRICE 0.39625	79.94	59.10	44.17	28.10	1.26	-19.22	-56.61
PRICE 0.4275	73.38	52.94	38.29	22.54	-3.77	-23.84	-60.52
PRICE 0.45875	67.77	47.66	33.27	17.80	-8.06	-27.79	-63.84
PRICE 0.49	62.91	43.09	28.93	13.69	-11.77	-31.19	-66.70
PRICE 0.52125	58.65	39.09	25.13	10.10	-15.01	-34.16	-69.18
PRICE 0.5525	54.88	35.56	21.77	6.93	-17.86	-36.77	-71.37
PRICE 0.58375	51.53	32.41	18.78	4.11	-20.40	-39.09	-73.30
PRICE 0.615	48.52	29.59	16.10	1.58	-22.68	-41.17	-75.02
PRICE 0.64625	45.80	27.04	13.68	-0.70	-24.72	-43.04	-76.57
PRICE 0.6775	43.32	24.72	11.48	-2.78	-26.58	-44.74	-77.97
PRICE 0.70875	41.06	22.60	9.47	-4.67	-28.28	-46.29	-79.25
PRICE 0.74	38.98	20.66	7.63	-6.40	-29.83	-47.70	-80.41
PRICE 0.77125	37.06	18.87	5.93	-8.00	-31.27	-49.01	-81.48
PRICE 0.8025	35.29	17.21	4.36	-9.48	-32.59	-50.21	-82.46
PRICE 0.83375	33.64	15.67	2.90	-10.85	-33.82	-51.33	-83.37
PRICE 0.865	32.10	14.23	1.54	-12.13	-34.96	-52.36	-84.22
PRICE 0.89625	30.66	12.89	0.27	-13.33	-36.03	-53.33	-85.01
PRICE 0.9275	29.31	11.62	-0.93	-14.45	-37.03	-54.24	-85.74
PRICE 0.95875	28.04	10.44	-2.05	-15.50	-37.97	-55.09	-86.43
PRICE 0.99	26.84	9.32	-3.11	-16.50	-38.86	-55.90	-87.08
PRICE 1.02125	25.71	8.26	-4.11	-17.44	-39.69	-56.65	-87.70
PRICE 1.0525	24.63	7.26	-5.05	-18.32	-40.48	-57.37	-88.27
PRICE 1.08375	23.62	6.31	-5.95	-19.17	-41.23	-58.05	-88.82
PRICE 1.115	22.65	5.41	-6.80	-19.97	-41.95	-58.70	-89.34

WF04.D WAL MATRIX

CLASS WIO1	CPR 0	CPR 15	CPR 25	CPR 35	CPR 50	CPR 60	CPR 75
	9.13	4.62	3.14	2.23	1.44	1.11	0.76

[GCODE]	[LTYPE]	[PTYPE]	[BALANCE]	[NCOUPON]	[SERVFEE]	[WAM]	[AGE]	[INDEX]	INITIAL PERIODIC CAP [PICAP]	INITIAL PERIODIC FLOOR [PIFLOOR]	[MARGIN]	LIFE CAP [LICAP]	LIFE FLOOR [LIFLOOR]	MONTH TO ROLL [ICDATE]	INTEREST CHANGE FREQ [ICFREQ]	REMAINING AMORT TERM [RTERM]	PERIODIC CAP ADJ DATE	SUBSEQUENT PERIOD CAP	PERIODIC FLOOR ADJ DATE	SUBSEQUENT PERIOD FLOOR	IO AMORT DATE	SERVICING FEE ADJ DATE	SUBSEQUENT SERVICING FEE
1	ADJ	AM	357,257,476.80	4.794	0.385	359	1	TSY1	5	5	2.75	10.179	2.75	119	12	359	121	2	121	2	120	120	0.385