

Watson Oil Co
 Intl. Paper Co No 2
 Baldwin Co. Alabama
 Sec 17, Twp 4S, Rge 6E
 T.D. - 18273 - Datum - S.L.
 ELEV. - 147'

01003200140000

OAL BODD

SEISMIC VELOCITY SURVEY

ON COMPANY NO. 2 SEC. 17, TWP. 4S, RGE 6E
 IAMA

Depth: 17,791' K.B.		Elev. Datum: SEA LEVEL			Elev. Vel., Ve: 5000' / 11		Date: FEB. 13, 1973				
H Dist.	Cos I	T	G	Tgs	$\frac{\Delta s}{ve}$	Tgd	Avg. Tgd	Va	ΔDgd	ΔTgd	Vi
845	.9419	.356	F	.3353	-.0032	.3321	.3321	7085	2353	.3321	7085
7 865	.9847	.645	G	.6351	-.0061	.6290			2500	.2968	8423
7 720	.9892	.636	G	.6291	-.0003	.6288		7717	1158	.1012	11443
7 865	.9899	.740	G	.7325	-.0031	.7294			842	.0846	11135
7 720	.9929	.736	G	.7308	-.0001	.7307		8233	1400	.1152	12153
7 865	.9924	.824	F	.8178	-.0031	.8147		8534	1000	.0797	12547
7 865	.9947	.938	G	.9330	-.0031	.9299		8983	1700	.1217	13969
7 865	.9958	1.016	F	1.0117	-.0021	1.0096		9264	800	.0560	14286
9 845	.9971	1.134	F	1.1307	-.0022	1.1285			1000	.0635	15748
7 720	.9979	1.137	F	1.1346	-.0005	1.1341		9770			
825	.9976	1.194	F	1.1911	-.0038	1.1873		9983			
825	.9979	1.257	F	1.2544	-.0036	1.2508					
825	.9979	1.257	F	1.2544	-.0036	1.2508		10276			

17	A4	10	.047	.177	12000	11853	115.7	0	97	18.9	11871.9	825
15	A4	10	.044	.174	13000	12853	115.9	0	98	17.9	12870.9	825
16	A4	10	.043	.174	13000	12853	115.9	0	98	17.9	12870.9	825

01003200140000

AL B002

Birdwell Division
Seismograph Service Corporation
 A DIVISION OF BIRDWELL COMPANY
 P.O. BOX 1530
 TULSA, OKLAHOMA 74103

SEISMIC VELOCITY SURVEY

WATSON OIL CORPORATION
 INTERNATIONAL PAPER COMPANY NO. 2
 BALDWIN COUNTY, ALABAMA

SEC. 17, TWP. 4S, RGE. 6E

REC NO.	S.P. No.	Chg.	t _s	t _r	Dgm	Dgd + (S.P. - Dat. Elev. - Elev. - d _s = Δsd)	Dgs	H Dist.	Cos I	T	G	Tps	Δsd ve	Tpd	Avg. Tpd	Va	ΔDgd	ΔTpd	Vi
Elev: 147' Dwd: 147' Total Depth: 18,273' K.B. Csg. Depth: 17,791' K.B. Elev. Datum: SEA LEVEL Elev. Vel. Ve: 5000' / s Date: FEB. 13, 1973																			
13	A3	15	.027	.189	14340	14193	70	45.8	.9984	1.370	F	1.3678	-.0092	1.3586	1.3480		1340	.0951	14090
14	A4	15	.044	.175	14340	14193	99	16.9	.9983	1.343	G	1.3407	-.0034	1.3373	1.3459				
4	B1	5	.036	.160	14340	14193	100	7.7	.9987	1.347	F	1.3452	-.0015	1.3437	1.3459	10545			
12	A2	15	.047	.165	15500	15353	97	18.9	.9987	1.421	F	1.4192	-.0038	1.4154	1.4154	10847	1160	.0695	16691
11	A1	15	.040	.165	16570	16423	85	30.9	.9989	1.499	F	1.4974	-.0062	1.4912			1070	.0756	14153
5	B2	10	.035	.161	16570	16423	100	8.5	.9990	1.494	F	1.4925	-.0017	1.4908	1.4910	11015			
10	A3	15	.047	.171	17835	17688	102	13.8	.9989	1.574	F	1.5723	-.0028	1.5695			1265	.0791	15992
6	B3	15	.032	.163	17835	17688	90	19.4	.9991	1.576	F	1.5746	-.0039	1.5707	1.5701	11266			
9	A2	20	.046	.166	18139	17992	97	18.9	.9990	1.589	G	1.5874	-.0038	1.5836			304	.0139	21871
7	B4	20	.038	.170	18139	17992	95	14.9	.9990	1.589	G	1.5874	-.0030	1.5844	1.5840	11359			
8	A1	20	.042	.161	18260	18113	97	18.9	.9991	1.599	F	1.5976	-.0038	1.5938	1.5938	11365	121	.0098	12347

V
 inf.
 mk.
 ph.

01003200 40000

ALB 002

Birdwell Division
Seismograph Service Corporation
 A DIVISION OF BIRDWELL COMPANY
 TULSA, OKLAHOMA 74102
 P.O. BOX 1530

SEISMIC VELOCITY SURVEY

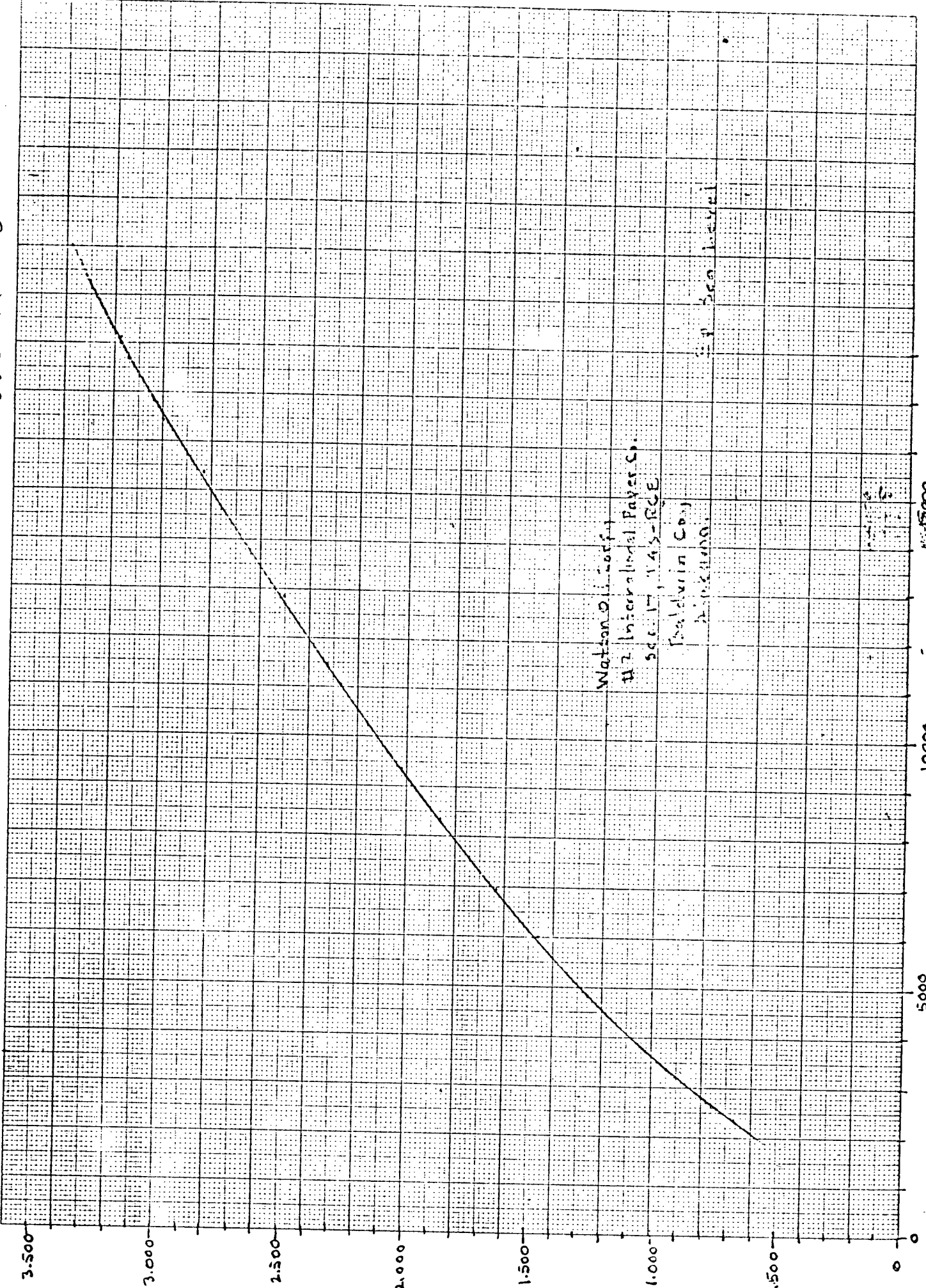
WATSON OIL CORPORATION
 INTERNATIONAL PAPER COMPANY NO. 2
 BALDWIN COUNTY, ALABAMA

SEC. 17, TWP. 4S, RGE 6E

REC. NO.	S.P. No.	Chg.	t _s	t _r	Dwd:	147'	Dgd	(S.P. Elev. - Dat. Elev.) + Dgd	Dat. Elev. - d _s - Δsd	Dgs	H Dist.	Cos i	T	G	Tgs	Δsd ve	Tgd	Avg. Tgd	V _a	ΔDgd	ΔTgd	V _i
Total Depth: 18,273' K.B. Csg. Depth: 17,791' K.B. Elev. Datum: SEA LEVEL Elev. Vel.: 5000'/' Date: FEB. 13, 1973																						
24	A5	1	.044	.180	2500	2353	115.9	0	100	15.9	2368.9	845	.9419	.356	F	.3353	-.0032	.3321	.664	2353	.3321	7085
23	A6	1	.042	.185	5000	4853	115.7	0	85	30.7	4883.7	865	.9847	.645	G	.6351	-.0061	.6290	1.258	2500	.2968	8423
1	B1	1	.035	.158	5000	4853	107.7	0	106	1.7	4854.7	720	.9892	.636	G	.6291	-.0003	.6288	.6289			7717
22	A6	3	.045	.186	6158	6011	115.7	0	100	15.7	6026.7	865	.9899	.740	G	.7325	-.0031	.7294	1.460	1158	.1012	11443
2	B1	1	.038	.160	6158	6011	107.7	0	107	0.7	6011.7	720	.9929	.736	G	.7308	-.0001	.7307	.7301			8233
21	A6	5	.045	.186	7100	6953	115.7	0	100	15.7	6968.7	865	.9924	.824	F	.8178	-.0031	.8147	1.681	842	.0846	11135
20	A6	5	.045	.186	8500	8353	115.7	0	100	15.7	8368.7	865	.9917	.938	G	.9330	-.0031	.9299	1.960	1400	.1152	12153
19	A6	5	.045	.186	9500	9353	115.7	0	105	10.7	9363.7	865	.9958	1.016	F	1.0117	-.0021	1.0096	2.019	1000	.0797	12547
18	A5	5	.043	.180	11200	11053	115.9	0	105	10.9	11063.9	845	.9971	1.134	F	1.1307	-.0022	1.1285	2.263	1700	.1217	13969
3	B1	1	.034	.159	11200	11053	107.7	0	105	2.7	11055.7	720	.9979	1.137	F	1.1346	-.0005	1.1341	1.1313			9770
17	A4	10	.047	.177	12000	11853	115.7	0	97	18.9	11871.9	825	.9976	1.194	F	1.1911	-.0038	1.1873	2.315	800	.0560	14286
15	A4	10	.044	.174	13000	12853	115.9	0	98	17.9	12870.9	825	.9979	1.257	F	1.2544	-.0036	1.2508	2.502	1000	.0635	15748
16	A4	10	.043	.174	13000	12853	115.9	0	98	17.9	12870.9	825	.9979	1.257	F	1.2544	-.0036	1.2508	2.502			10276

1A

01003200140000



10000

5000

0

01003200140000

V001

TIME - DEPTH

B M R --- TDT31260 ---

WATSON INAT'L PAPER WELL #2

AL BOOZ

2nd source
DISK FILE NO 66

AREA/ SURVEY : 17 45 6E
COUNTY/STATE : BALDWIN ALABAMA
CLIENT : -
COMMENTS : T. D. 18260
ELEVATION OF INPUT FUNCTION
DATUM OF TABLE

0 VELOCITY FOR DATUM CORRECTION 0
0 DATE 03/16/79

----- INPUT DATA -----			----- ADJUSTED -----			- Z -	
I	2T	D	2T	AV/V	D	IN/V	
						7300	
1	0. 5000	1825	0. 5000	7300	1825		-1825
2	0. 6000	2150	0. 6000	7167	2150	6502	-2150
3	0. 7000	2475	0. 7000	7071	2475	6495	-2475
4	0. 8000	2810	0. 8000	7025	2810	6703	-2810
5	0. 9000	3150	0. 9000	7000	3150	6800	-3150
6	1. 0000	3540	1. 0000	7080	3540	7800	-3540
7	1. 1000	4000	1. 1000	7273	4000	9203	-4000
8	1. 2000	4525	1. 2000	7542	4525	10501	-4525
9	1. 3000	5091	1. 3000	7832	5091	11312	-5091
10	1. 4000	5657	1. 4000	8081	5657	11318	-5657
11	1. 5000	6223	1. 5000	8297	6223	11321	-6223
12	1. 6000	6789	1. 6000	8486	6789	11321	-6789
13	1. 7000	7390	1. 7000	8694	7390	12022	-7390
14	1. 8000	8005	1. 8000	8894	8005	12294	-8005
15	1. 9000	8641	1. 9000	9096	8641	12732	-8641
16	2. 0000	9286	2. 0000	9286	9286	12896	-9286
17	2. 1000	9937	2. 1000	9464	9937	13024	-9937
18	2. 2000	10614	2. 2000	9649	10614	13534	-10614
19	2. 3000	11317	2. 3000	9841	11317	14065	-11317
20	2. 4000	12037	2. 4000	10031	12037	14401	-12037
21	2. 5000	12777	2. 5000	10218	12777	14706	-12777

23	2. 7000	14247	2. 7000	10553	14247	15061	-14247
24	2. 8000	14999	2. 8000	10714	14999	15818	-14999
25	2. 9000	15790	2. 9000	10890	15790	16080	-15790
26	3. 0000	16594	3. 0000	11063	16594	16333	-16594
27	3. 1000	17411	3. 1000	11233	17411		-17411

○
01003200140000.

Birdwell Division

5511 *Seismograph Service Corporation*
 P.O. BOX 1800 • TULSA, OKLAHOMA 74102

SEISMIC VELOCITY SURVEY

WATSON OIL CORPORATION
 INTERNATIONAL PAPER COMPANY NO. 2
 BALDWIN COUNTY, ALABAMA

SEC. 17, TWP. 4S, RGE 6E

REC. NO.	S.P. No.	Chg.	t _s	t _r	Dwd:	147'	Dgd + (S.P. Elev. - Dat. Elev. - d _s - Δsd)	Dgs	H Dist.	Cos I	T	G	Tgs	Δsd / ve	Tgd	Avg. Tgd	Vs	ΔDgd	Date: FEB. 13, 1973	Vi				
							Total Depth: 18,273' K.B.	Csg. Depth: 17,791' K.B.													Elev. Vel., Ve: 5000' / "			
24	A5	1	.044	.180		2500	2353	115.9	0	100	15.9	2368.9	845	.9419	.356	F	.3353	-.0032	.3321	.3321	7085	2353	.3321	7085
23	A6	1	.042	.185		5000	4853	115.7	0	85	30.7	4883.7	865	.9847	.645	G	.6351	-.0061	.6290	.6290	8423	2500	.2968	8423
1	B1	1	.035	.158		5000	4853	107.7	0	106	1.7	4854.7	720	.9892	.636	G	.6291	-.0003	.6288	.6288	7717			
22	A6	3	.045	.186		6158	6011	115.7	0	100	15.7	6026.7	865	.9899	.740	G	.7325	-.0031	.7294	.7294	8233	1158	.1012	11443
2	B1	1	.038	.160		6158	6011	107.7	0	107	0.7	6011.7	720	.9929	.736	G	.7308	-.0001	.7307	.7307	8233			
21	A6	5	.045	.186		7100	6953	115.7	0	100	15.7	6968.7	865	.9924	.824	F	.8178	-.0031	.8147	.8147	8534	942	.0846	11135
20	A6	5	.045	.186		8500	8353	115.7	0	100	15.7	8368.7	865	.9947	.938	G	.9330	-.0031	.9299	.9299	8983	1400	.1152	12153
19	A6	5	.045	.186		9500	9353	115.7	0	105	10.7	9363.7	865	.9958	1.016	F	1.0117	-.0021	1.0096	1.0096	9264	1000	.0797	12547
18	A5	5	.043	.180		11200	11053	115.9	0	105	10.9	11063.9	845	.9971	1.134	F	1.1307	-.0022	1.1285	1.1285	9983	1700	.1217	13969
3	B1	1	.034	.159		11200	11053	107.7	0	105	2.7	11055.7	720	.9979	1.137	F	1.1346	-.0005	1.1341	1.1341	9770			
17	A4	10	.047	.177		12000	11853	115.7	0	97	18.9	11871.9	825	.9976	1.194	F	1.1911	-.0038	1.1873	1.1873	9983	800	.0560	14286
15	A4	10	.044	.174		13000	12853	115.9	0	98	17.9	12870.9	825	.9979	1.257	F	1.2544	-.0036	1.2508	1.2508	10276	1000	.0635	15748
16	A4	10	.043	.174		13000	12853	115.9	0	98	17.9	12870.9	825	.9979	1.257	F	1.2544	-.0036	1.2508	1.2508	10276			

Birdwell Division
 Seismograph Service Corporation
 P.O. BOX 1330 • TULSA, OKLAHOMA 74102

SEISMIC VELOCITY SURVEY

WATSON OIL CORPORATION
 INTERNATIONAL PAPER COMPANY NO. 2
 BALDWIN COUNTY, ALABAMA

SEC. 17, TWP. 4S, RGE. 6E

REC NO.	S.P. No.	Chg.	I _s	I _r	Dgm	Dgd + (S.P. - Elev. Elev.)	(S.P. - Elev. Elev.) - d _s = Δsd	Dgs	H Dist.	Cos I	T	G	Tgs	Δsd ve	Tpd	Avg Tpd	Va	ΔDgd	ΔTpd	Vi	
Elev: 147' Dwd: 147' Total Depth: 18,273' K.B. Csg. Depth: 17,791' K.B. Elev. Datum: SEA LEVEL Elev. Vel. Ve: 5000'/'i Date: FEB. 13, 1973																					
13	A3	15	.027	.189	14340	14193	115.8 0	70	45.8	14238.8	815	.9984	1.370	F	1.3678	-0.0092	1.3586	1.3480	1340	.0951	14090
14	A4	15	.044	.175	14340	14193	115.9 0	99	16.9	14209.9	825	.9983	1.343	G	1.3407	-0.0034	1.3373	1.3459	1160	.0695	16691
4	B1	5	.036	.160	14340	14193	107.7 0	100	7.7	14200.7	720	.9987	1.347	F	1.3452	-0.0015	1.3437	10545			
12	A2	15	.047	.165	15500	15353	115.9 0	97	18.9	15371.9	795	.9987	1.421	F	1.4192	-0.0038	1.4154	10847	1160	.0695	16691
11	A1	15	.040	.165	16570	16423	115.9 0	85	30.9	16453.9	775	.9989	1.499	F	1.4974	-0.0062	1.4912	1070	.0756	14153	
5	B2	10	.035	.161	16570	16423	108.5 0	100	8.5	16431.5	740	.9990	1.494	F	1.4925	-0.0017	1.4908	11015	1070	.0756	14153
10	A3	15	.047	.171	17835	17688	115.8 0	102	13.8	17701.8	815	.9989	1.574	F	1.5723	-0.0028	1.5695	1265	.0791	15992	
6	B3	15	.032	.163	17835	17688	109.4 0	90	19.4	17707.4	760	.9991	1.576	F	1.5746	-0.0039	1.5707	304	.0139	21871	
9	A2	20	.046	.166	18139	17992	115.9 0	97	18.9	18010.9	795	.9990	1.589	G	1.5874	-0.0038	1.5836	1265	.0791	15992	
7	B4	20	.038	.170	18139	17992	109.9 0	95	14.9	18006.9	790	.9990	1.589	G	1.5874	-0.0030	1.5844	304	.0139	21871	
8	A1	20	.042	.161	18260	18113	115.9 0	97	18.9	18131.9	775	.9991	1.599	F	1.5976	-0.0038	1.5938	121	.0098	12347	