

+Description : Dugan Production Company\ Mesa Verde
 Sanchez O' Brian 1 SWD / 6-5-02 \ Step Rate
 PAGE :1 Data printed approx. every 0.50 min. Data stored in C:\SMARTS\DATADIR\SAN1.DAT

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ELAPSED      Calc      A      SLURRY
TIME         BH      Pressure  PUMP
            Press  TREATING  RATE
            min.   psi      PSI      BPM
=====
0.509      1520.70  70.00000000  0.01000000
1.009      1524.40  70.00000000  0.01000000
1.509      1532.70  90.00000000  0.02000000
2.025      1777.10  300.00000000  0.00000000
2.525      1660.20  200.00000000  0.00000000
3.041      1610.70  160.00000000  0.00000000
3.541      1580.70  130.00000000  0.00000000
4.057      1560.70  110.00000000  0.00000000
4.557      1550.60  100.00000000  0.00000000
5.058      1520.80  70.00000000  0.00000000
5.558      1500.60  50.00000000  0.00000000
6.074      1500.60  50.00000000  0.00000000
6.574      1500.60  50.00000000  0.00000000
7.074      1500.60  50.00000000  0.00000000
7.590      1500.60  50.00000000  0.00000000
8.106      1500.60  50.00000000  0.02000000
8.606      1500.60  50.00000000  0.00000000
9.106      1490.60  40.00000000  0.00000000
9.606      1117.10  40.00000000  5.05000000
10.123     1478.60  40.00000000  0.00000000
10.623     1490.60  40.00000000  0.00000000
11.139     1490.60  40.00000000  0.01000000
11.639     1490.60  40.00000000  0.00000000
12.139     1490.60  40.00000000  0.00000000
12.655     1490.60  40.00000000  0.00000000
13.155     1490.60  40.00000000  0.00000000
13.672     1490.60  40.00000000  0.00000000
14.172     1490.60  40.00000000  0.00000000
14.688     1490.60  40.00000000  0.00000000
15.188     1489.80  40.00000000  0.00000000
15.688     1490.60  40.00000000  0.00000000
16.204     1490.60  40.00000000  0.00000000
16.704     1490.40  40.00000000  0.41000000
17.204     1490.40  40.00000000  0.37000000
17.721     1498.50  60.00000000  1.22000000
18.221     1488.40  40.00000000  0.63000000
18.737     1488.00  40.00000000  0.70000000
19.237     1490.60  40.00000000  0.00000000
19.737     1545.60  100.00000000  0.12000000
20.253     1565.90  120.00000000  0.15000000
20.753     1603.50  160.00000000  0.26000000
21.269     1661.80  210.00000000  0.23000000
21.769     1687.00  240.00000000  0.21000000
22.286     1687.10  240.00000000  0.23000000
22.786     1694.40  250.00000000  0.23000000
23.286     1692.50  240.00000000  0.23000000
23.786     1696.10  250.00000000  0.23000000
24.302     1701.20  250.00000000  0.23000000
24.818     1702.20  250.00000000  0.24000000
25.318     1697.80  250.00000000  0.22000000
  
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25.818	1698.80	240.0000000	0.2200000
26.318	1707.10	260.0000000	0.2200000
26.835	1707.50	260.0000000	0.2100000
27.351	1705.30	260.0000000	0.2200000
27.851	1703.90	250.0000000	0.2400000
28.351	1705.40	250.0000000	0.2300000
28.867	1705.80	260.0000000	0.2300000
29.367	1709.30	260.0000000	0.2100000
29.867	1704.30	260.0000000	0.2300000
30.384	1706.20	250.0000000	0.2400000
30.884	1706.80	250.0000000	0.2200000
31.400	1711.50	260.0000000	0.2200000
31.900	1707.00	260.0000000	0.2400000
32.400	1711.60	270.0000000	0.2100000
32.916	1705.40	250.0000000	0.2100000
33.416	1712.70	260.0000000	0.2300000
33.916	1709.20	270.0000000	0.2400000
34.432	1708.80	250.0000000	0.2500000
34.932	1709.90	260.0000000	0.2500000
35.449	1772.30	340.0000000	0.3800000
35.949	2005.80	560.0000000	0.7900000
36.449	2044.80	600.0000000	0.7200000
36.965	2073.40	620.0000000	0.6900000
37.465	2082.90	630.0000000	0.6800000
37.981	2108.20	660.0000000	0.7000000
38.483	2117.20	660.0000000	0.7400000
38.997	2119.70	680.0000000	0.7500000
39.498	2132.10	680.0000000	0.7400000
40.017	2137.00	680.0000000	0.7400000
40.530	2141.10	680.0000000	0.7500000
41.030	2152.10	690.0000000	0.7200000
41.530	2157.40	720.0000000	0.7300000
42.030	2159.80	720.0000000	0.7200000
42.530	2162.10	700.0000000	0.7100000
43.030	2168.40	720.0000000	0.7100000
43.546	2169.10	730.0000000	0.7200000
44.046	2169.40	730.0000000	0.7100000
44.546	2172.60	740.0000000	0.7100000
45.046	2169.90	710.0000000	0.7000000
45.546	2164.30	730.0000000	0.7100000
46.046	2170.00	720.0000000	0.7100000
46.546	2178.10	740.0000000	0.7200000
47.046	2174.70	730.0000000	0.7200000
47.562	2172.80	710.0000000	0.7100000
48.086	2178.50	740.0000000	0.7100000
48.586	2173.50	710.0000000	0.6900000
49.095	2186.90	750.0000000	0.7100000
49.595	2182.90	720.0000000	0.7000000
50.103	2183.80	740.0000000	0.7100000
50.603	2399.40	960.0000000	1.3800000
51.103	2391.60	970.0000000	1.3400000
51.603	2400.40	950.0000000	1.3300000
52.119	2384.50	940.0000000	1.3300000
52.635	2400.20	960.0000000	1.3400000
53.135	2403.50	990.0000000	1.3300000
53.635	2408.30	970.0000000	1.3300000
54.135	2431.60	990.0000000	1.3400000
54.652	2421.10	990.0000000	1.3400000
55.168	2417.70	1000.0000000	1.3700000
55.668	2418.20	970.0000000	1.3600000

56.168	2428.40	980.0000000	1.3500000
56.684	2430.80	1010.0000000	1.3700000
57.184	2425.70	1010.0000000	1.3900000
57.684	2424.30	980.0000000	1.3800000
58.184	2423.80	990.0000000	1.3700000
58.701	2432.40	1000.0000000	1.3800000
59.217	2425.10	1000.0000000	1.3900000
59.717	2433.10	1000.0000000	1.3900000
60.217	2431.60	1010.0000000	1.4000000
60.733	2433.10	1000.0000000	1.4000000
61.233	2429.70	980.0000000	1.3900000
61.733	2413.50	980.0000000	1.3100000
62.249	2397.50	980.0000000	1.2900000
62.749	2395.60	960.0000000	1.2800000
63.266	2389.20	940.0000000	1.3000000
63.766	2400.70	980.0000000	1.3100000
64.282	2400.30	940.0000000	1.2900000
64.782	2397.90	960.0000000	1.2800000
65.282	2398.70	950.0000000	1.2800000
65.798	2538.60	1120.0000000	1.7300000
66.298	2516.20	1090.0000000	1.7600000
66.815	2497.90	1080.0000000	1.7600000
67.315	2501.40	1090.0000000	1.7600000
67.815	2503.00	1090.0000000	1.7900000
68.315	2503.10	1080.0000000	1.7900000
68.831	2511.50	1100.0000000	1.8300000
69.347	2512.30	1090.0000000	1.8300000
69.847	2497.80	1080.0000000	1.8000000
70.347	2507.60	1100.0000000	1.8500000
70.847	2511.30	1110.0000000	1.8700000
71.364	2473.30	1060.0000000	1.7600000
71.880	2485.60	1070.0000000	1.8000000
72.380	2484.10	1080.0000000	1.8500000
72.880	2462.90	1040.0000000	1.7700000
73.396	2477.90	1070.0000000	1.8200000
73.896	2484.30	1080.0000000	1.8600000
74.396	2494.10	1090.0000000	1.8800000
74.896	2508.40	1110.0000000	1.9100000
75.412	2451.40	1030.0000000	1.7000000
75.912	2463.50	1040.0000000	1.7500000
76.412	2475.40	1060.0000000	1.8000000
76.912	2481.80	1080.0000000	1.8300000
77.412	2485.50	1080.0000000	1.8500000
77.917	2485.70	1080.0000000	1.8700000
78.428	2461.30	1040.0000000	1.7500000
78.928	2491.00	1060.0000000	1.7900000
79.428	2483.70	1070.0000000	1.8100000
79.944	2485.60	1070.0000000	1.8400000
80.444	2484.80	1070.0000000	1.8600000
80.944	2531.50	1140.0000000	2.0800000
81.444	2557.50	1190.0000000	2.3400000
81.961	2607.50	1240.0000000	2.3400000
82.477	2596.70	1240.0000000	2.4400000
82.977	2556.40	1180.0000000	2.2500000
83.477	2559.50	1190.0000000	2.3200000
83.977	2583.30	1220.0000000	2.3800000
84.493	2563.30	1200.0000000	2.3800000
84.993	2546.40	1170.0000000	2.2500000
85.509	2544.50	1170.0000000	2.2700000
86.009	2558.50	1190.0000000	2.3300000

86.526	2565.40	1200.0000000	2.3600000
87.026	2572.20	1210.0000000	2.3900000
87.526	2545.40	1170.0000000	2.2600000
88.042	2557.50	1190.0000000	2.3400000
88.542	2558.50	1190.0000000	2.3300000
89.058	2565.40	1200.0000000	2.3600000
89.558	2579.00	1220.0000000	2.4200000
90.058	2556.40	1190.0000000	2.3500000
90.575	2525.40	1160.0000000	2.3600000
91.075	2553.30	1190.0000000	2.3800000
91.575	2545.40	1180.0000000	2.3600000
92.091	2542.20	1180.0000000	2.3900000
92.591	2553.30	1190.0000000	2.3800000
93.107	2553.30	1190.0000000	2.3800000
93.607	2552.20	1190.0000000	2.3900000
94.107	2566.00	1210.0000000	2.4500000
94.623	2541.50	1170.0000000	2.3000000
95.123	2545.40	1180.0000000	2.3600000
95.623	2475.60	1090.0000000	2.1500000
96.123	2603.90	1260.0000000	2.6100000
96.623	2627.60	1290.0000000	2.6900000
97.123	2607.60	1270.0000000	2.6900000
97.623	2627.60	1290.0000000	2.6900000
98.123	2598.40	1260.0000000	2.6800000
98.639	2620.80	1280.0000000	2.6500000
99.139	2610.00	1270.0000000	2.6600000
99.655	2602.80	1270.0000000	2.7500000
100.155	2642.00	1310.0000000	2.7600000
100.655	2613.60	1280.0000000	2.7400000
101.172	2633.60	1300.0000000	2.7400000
101.672	2623.60	1290.0000000	2.7400000
102.188	2592.80	1260.0000000	2.7500000
102.688	2613.60	1280.0000000	2.7400000
103.188	2603.60	1270.0000000	2.7400000
103.696	2622.80	1290.0000000	2.7500000
104.204	2612.80	1280.0000000	2.7500000
104.704	2612.80	1280.0000000	2.7500000
105.229	2602.80	1270.0000000	2.7500000
105.729	2612.00	1280.0000000	2.7600000
106.229	2571.10	1240.0000000	2.7700000
106.737	2592.00	1260.0000000	2.7600000
107.245	2572.00	1240.0000000	2.7600000
107.761	2562.00	1230.0000000	2.7600000
108.261	2562.00	1230.0000000	2.7600000
108.761	2572.00	1240.0000000	2.7600000
109.261	2572.00	1240.0000000	2.7600000
109.777	2572.80	1240.0000000	2.7500000
110.277	2602.00	1270.0000000	2.7600000
110.777	2576.00	1240.0000000	2.7100000
111.277	2639.80	1350.0000000	3.2400000
111.777	2602.70	1300.0000000	3.1000000
112.277	2536.20	1190.0000000	2.5800000
112.777	2659.20	1380.0000000	3.3500000
113.293	2634.10	1350.0000000	3.3000000
113.793	2652.10	1400.0000000	3.6200000
114.309	2641.40	1370.0000000	3.4300000
114.809	2533.60	1200.0000000	2.7400000
115.309	2543.40	1230.0000000	2.9800000
115.809	2658.40	1390.0000000	3.4600000
116.326	2661.40	1390.0000000	3.4300000

116.842	2671.20	1390.0000000	3.3300000
117.342	2712.30	1450.0000000	3.5200000
117.842	2655.30	1380.0000000	3.3900000
118.342	2703.40	1440.0000000	3.5100000
118.858	2702.10	1420.0000000	3.3200000
119.358	2726.40	1460.0000000	3.4800000
119.858	2673.50	1380.0000000	3.2000000
120.375	2680.20	1400.0000000	3.3400000
120.891	2742.10	1490.0000000	3.6200000
121.391	2504.40	1170.0000000	2.7300000
121.891	2624.10	1340.0000000	3.3000000
122.407	2654.30	1380.0000000	3.4000000
122.907	2627.30	1350.0000000	3.3700000
123.423	2610.40	1340.0000000	3.4400000
123.923	2608.30	1330.0000000	3.3600000
124.423	2555.40	1260.0000000	3.1800000
124.923	2563.10	1280.0000000	3.3100000
125.423	2614.40	1320.0000000	3.1900000
125.923	2646.30	1430.0000000	3.9500000
126.423	2666.30	1440.0000000	3.8600000
126.923	2611.80	1380.0000000	3.8100000
127.439	2538.50	1310.0000000	3.8400000
127.939	2561.80	1330.0000000	3.8100000
128.439	2551.80	1320.0000000	3.8100000
128.939	2569.60	1340.0000000	3.8300000
129.446	2528.50	1300.0000000	3.8400000
129.954	2559.60	1330.0000000	3.8300000
130.454	2552.90	1320.0000000	3.8000000
130.954	2562.90	1330.0000000	3.8000000
131.454	2549.60	1320.0000000	3.8300000
131.954	2548.50	1320.0000000	3.8400000
132.455	2549.60	1320.0000000	3.8300000
132.971	2551.80	1320.0000000	3.8100000
133.471	2562.90	1330.0000000	3.8000000
133.987	2558.50	1330.0000000	3.8400000
134.487	2557.40	1330.0000000	3.8500000
134.987	2557.40	1330.0000000	3.8500000
135.487	2538.50	1310.0000000	3.8400000
136.003	2537.40	1310.0000000	3.8500000
136.503	2567.40	1340.0000000	3.8500000
137.020	2558.50	1330.0000000	3.8400000
137.520	2555.20	1330.0000000	3.8700000
138.020	2555.20	1330.0000000	3.8700000
138.536	2556.30	1330.0000000	3.8600000
139.036	2556.30	1330.0000000	3.8600000
139.552	2566.30	1340.0000000	3.8600000
140.052	2558.50	1330.0000000	3.8400000
140.569	2601.50	1400.0000000	4.0800000
141.069	2600.30	1400.0000000	4.0900000
141.569	2616.20	1430.0000000	4.2100000
142.085	2586.20	1400.0000000	4.2100000
142.585	2613.30	1420.0000000	4.1500000
143.101	2628.50	1440.0000000	4.1900000
143.601	2618.50	1430.0000000	4.1900000
144.101	2597.40	1410.0000000	4.2000000
144.617	2596.20	1410.0000000	4.2100000
145.117	2617.40	1430.0000000	4.2000000
145.617	2609.70	1420.0000000	4.1800000
146.134	2597.40	1410.0000000	4.2000000
146.634	2619.70	1430.0000000	4.1800000

147.150	2596.20	1410.0000000	4.2100000
147.650	2625.00	1440.0000000	4.2200000
148.150	2635.00	1450.0000000	4.2200000
148.666	2616.20	1430.0000000	4.2100000
149.166	2606.20	1420.0000000	4.2100000
149.666	2585.00	1400.0000000	4.2200000
150.183	2605.00	1420.0000000	4.2200000
150.699	2636.20	1450.0000000	4.2100000
151.199	2625.00	1440.0000000	4.2200000
151.699	2595.00	1410.0000000	4.2200000
152.199	2625.00	1440.0000000	4.2200000
152.715	2587.40	1400.0000000	4.2000000
153.215	2577.40	1390.0000000	4.2000000
153.731	2617.40	1430.0000000	4.2000000
154.232	2636.20	1450.0000000	4.2100000
154.732	2636.20	1450.0000000	4.2100000
155.248	2635.00	1450.0000000	4.2200000
155.748	2630.50	1480.0000000	4.5000000
156.264	2692.10	1570.0000000	4.7200000
156.764	2664.70	1540.0000000	4.7000000
157.280	2733.40	1610.0000000	4.7100000
157.780	2682.10	1560.0000000	4.7200000
158.280	2662.10	1540.0000000	4.7200000
158.780	2693.40	1570.0000000	4.7100000
159.280	2653.40	1530.0000000	4.7100000
159.788	2662.10	1540.0000000	4.7200000
160.288	2689.40	1570.0000000	4.7400000
160.788	2693.40	1570.0000000	4.7100000
161.296	2693.40	1570.0000000	4.7100000
161.804	2689.40	1570.0000000	4.7400000
162.304	2649.40	1530.0000000	4.7400000
162.804	2663.40	1540.0000000	4.7100000
163.304	2670.70	1550.0000000	4.7300000
163.820	2640.70	1520.0000000	4.7300000
164.320	2702.10	1580.0000000	4.7200000
164.820	2663.40	1540.0000000	4.7100000
165.337	2662.10	1540.0000000	4.7200000
165.837	2683.40	1560.0000000	4.7100000
166.353	2629.40	1510.0000000	4.7400000
166.853	2686.00	1560.0000000	4.6900000
167.353	2709.90	1580.0000000	4.6600000
167.869	2641.40	1530.0000000	4.8000000
168.386	2681.40	1570.0000000	4.8000000
168.886	2638.70	1530.0000000	4.8200000
169.386	2662.70	1550.0000000	4.7900000
169.902	2667.40	1560.0000000	4.8300000
170.402	2666.00	1560.0000000	4.8400000
170.918	2740.10	1680.0000000	5.1700000
171.418	2735.60	1690.0000000	5.2700000
171.918	2747.00	1700.0000000	5.2600000
172.434	2737.00	1690.0000000	5.2600000
172.934	2717.00	1670.0000000	5.2600000
173.435	2715.60	1670.0000000	5.2700000
173.951	2727.00	1680.0000000	5.2600000
174.451	2725.60	1680.0000000	5.2700000
174.967	2695.60	1650.0000000	5.2700000
175.467	2725.60	1680.0000000	5.2700000
175.967	2704.10	1660.0000000	5.2800000
176.483	2704.10	1660.0000000	5.2800000
176.983	2725.60	1680.0000000	5.2700000

177.483	2737.00	1690.0000000	5.2600000
178.000	2687.00	1640.0000000	5.2600000
178.516	2705.60	1660.0000000	5.2700000
179.016	2711.40	1660.0000000	5.2300000
179.516	2687.00	1640.0000000	5.2600000
180.016	2717.00	1670.0000000	5.2600000
180.532	2725.60	1680.0000000	5.2700000
181.032	2707.00	1660.0000000	5.2600000
181.549	2697.00	1650.0000000	5.2600000
182.049	2704.10	1660.0000000	5.2800000
182.549	2698.50	1650.0000000	5.2500000
183.065	2715.60	1670.0000000	5.2700000
183.565	2727.00	1680.0000000	5.2600000
184.065	2717.00	1670.0000000	5.2600000
184.581	2707.00	1660.0000000	5.2600000
185.097	2688.50	1640.0000000	5.2500000
185.597	2762.40	1730.0000000	5.3600000
186.098	2796.80	1810.0000000	5.6600000
186.614	2761.60	1800.0000000	5.8200000
187.114	2761.50	1770.0000000	5.6300000
187.630	2784.30	1810.0000000	5.7400000
188.130	2794.30	1820.0000000	5.7400000
188.630	2779.50	1810.0000000	5.7700000
189.146	2751.10	1780.0000000	5.7600000
189.646	2781.10	1810.0000000	5.7600000
190.146	2772.70	1800.0000000	5.7500000
190.663	2729.50	1760.0000000	5.7700000
191.163	2751.10	1780.0000000	5.7600000
191.679	2752.70	1780.0000000	5.7500000
192.179	2774.30	1800.0000000	5.7400000
192.683	2784.30	1810.0000000	5.7400000
193.195	2751.10	1780.0000000	5.7600000
193.700	2771.10	1800.0000000	5.7600000
194.212	2752.70	1780.0000000	5.7500000
194.712	2771.10	1800.0000000	5.7600000
195.212	2765.90	1790.0000000	5.7300000
195.728	2771.10	1800.0000000	5.7600000
196.228	2774.30	1800.0000000	5.7400000
196.728	2769.50	1800.0000000	5.7700000
197.244	2754.30	1780.0000000	5.7400000
197.744	2775.90	1800.0000000	5.7300000
198.260	2779.00	1800.0000000	5.7100000
198.760	2760.60	1780.0000000	5.7000000
199.261	2755.20	1770.0000000	5.6700000
199.780	2765.20	1780.0000000	5.6700000
200.293	2758.40	1770.0000000	5.6500000
200.793	2800.80	1870.0000000	6.0100000
201.293	2789.20	1890.0000000	6.2000000
201.809	2832.20	1950.0000000	6.3000000
202.309	2781.00	1860.0000000	6.0700000
202.809	2830.90	1930.0000000	6.1900000
203.309	2820.70	1930.0000000	6.2500000
203.826	2837.30	1950.0000000	6.2700000
204.342	2822.40	1930.0000000	6.2400000
204.842	2840.90	1940.0000000	6.1900000
205.342	2844.30	1940.0000000	6.1700000
205.842	2825.80	1930.0000000	6.2200000
206.358	2829.20	1930.0000000	6.2000000
206.858	2825.80	1930.0000000	6.2200000
207.375	2815.80	1920.0000000	6.2200000

207.875	2865.90	1960.0000000	6.1600000
208.391	2865.90	1960.0000000	6.1600000
208.891	2865.80	1970.0000000	6.2200000
209.391	2825.80	1930.0000000	6.2200000
209.907	2850.90	1950.0000000	6.1900000
210.407	2824.10	1930.0000000	6.2300000
210.923	2822.40	1930.0000000	6.2400000
211.423	2842.40	1950.0000000	6.2400000
211.923	2835.60	1950.0000000	6.2800000
212.440	2847.30	1960.0000000	6.2700000
212.941	2827.30	1940.0000000	6.2700000
213.448	2837.30	1950.0000000	6.2700000
213.948	2817.30	1930.0000000	6.2700000
214.456	2839.00	1950.0000000	6.2600000
214.980	2827.30	1940.0000000	6.2700000
215.481	2835.80	1940.0000000	6.2200000
215.981	2850.70	2100.0000000	7.0300000
216.489	2881.50	2050.0000000	6.5900000
216.989	2912.70	2110.0000000	6.7500000
217.497	2919.00	2120.0000000	6.7700000
217.997	2927.20	2130.0000000	6.7800000
218.513	2895.40	2100.0000000	6.7900000
219.013	2893.50	2100.0000000	6.8000000
219.529	2851.70	2060.0000000	6.8100000
220.029	2887.20	2090.0000000	6.7800000
220.546	2903.50	2110.0000000	6.8000000
221.046	2885.40	2090.0000000	6.7900000
221.546	2898.00	2110.0000000	6.8300000
222.062	2863.50	2070.0000000	6.8000000
222.562	2897.20	2100.0000000	6.7800000
223.078	2861.70	2070.0000000	6.8100000
223.578	2853.50	2060.0000000	6.8000000
224.078	2873.50	2080.0000000	6.8000000
224.578	2845.40	2050.0000000	6.7900000
225.095	2873.50	2080.0000000	6.8000000
225.611	2859.00	2060.0000000	6.7700000
226.111	2865.40	2070.0000000	6.7900000
226.611	2879.90	2090.0000000	6.8200000
227.111	2859.90	2070.0000000	6.8200000
227.627	2868.00	2080.0000000	6.8300000
228.127	2869.90	2080.0000000	6.8200000
228.643	2859.90	2070.0000000	6.8200000
229.143	2881.70	2090.0000000	6.8100000
229.643	2953.90	2190.0000000	6.9600000
230.143	2898.50	2190.0000000	7.2500000
230.643	2900.50	2190.0000000	7.2400000
231.143	2934.40	2220.0000000	7.2200000
231.643	2906.30	2190.0000000	7.2100000
232.159	2934.40	2220.0000000	7.2200000
232.659	2942.40	2230.0000000	7.2300000
233.159	2946.30	2230.0000000	7.2100000
233.675	2916.60	2210.0000000	7.2600000
234.175	2908.50	2200.0000000	7.2500000
234.675	2924.40	2210.0000000	7.2200000
235.175	2918.50	2210.0000000	7.2500000
235.692	2902.40	2190.0000000	7.2300000
236.208	2900.50	2190.0000000	7.2400000
236.708	2956.30	2240.0000000	7.2100000
237.208	2888.50	2180.0000000	7.2500000
237.724	2902.70	2200.0000000	7.2800000

268.532	2977.90	2480.0000000	8.2700000
269.057	3010.10	2510.0000000	8.2600000
269.557	2974.40	2470.0000000	8.2400000
270.065	2957.90	2460.0000000	8.2700000
270.565	2975.70	2480.0000000	8.2800000
271.073	2964.40	2460.0000000	8.2400000
271.573	2972.30	2470.0000000	8.2500000
272.073	2984.40	2480.0000000	8.2400000
272.589	2986.60	2480.0000000	8.2300000
273.089	3023.10	2510.0000000	8.2000000
273.606	2969.60	2450.0000000	8.1700000
274.106	2949.10	2460.0000000	8.3100000
274.622	2926.90	2440.0000000	8.3200000
275.139	2930.30	2450.0000000	8.3500000
275.655	2964.00	2560.0000000	8.6900000
276.172	3068.70	2690.0000000	8.8000000
276.688	2985.60	2600.0000000	8.7700000
277.188	2989.40	2590.0000000	8.7100000
277.688	3009.40	2610.0000000	8.7100000
278.188	2997.10	2600.0000000	8.7200000
278.704	2984.80	2590.0000000	8.7300000
279.204	2990.20	2600.0000000	8.7500000
279.704	3000.20	2610.0000000	8.7500000
280.220	2957.90	2570.0000000	8.7600000
280.720	3020.20	2630.0000000	8.7500000
281.220	2990.20	2600.0000000	8.7500000
281.720	2992.50	2600.0000000	8.7400000
282.220	2977.10	2580.0000000	8.7200000
282.720	2970.20	2580.0000000	8.7500000
283.220	2972.50	2580.0000000	8.7400000
283.736	2972.50	2580.0000000	8.7400000
284.236	2954.80	2560.0000000	8.7300000
284.736	2990.20	2600.0000000	8.7500000
285.252	2992.50	2600.0000000	8.7400000
285.752	2982.50	2590.0000000	8.7400000
286.252	2980.20	2590.0000000	8.7500000
286.769	2970.20	2580.0000000	8.7500000
287.285	2987.10	2590.0000000	8.7200000
287.785	2999.40	2600.0000000	8.7100000
288.285	2984.80	2590.0000000	8.7300000
288.785	2967.10	2570.0000000	8.7200000
289.301	3127.60	2710.0000000	8.6300000
289.817	2979.40	2580.0000000	8.7100000
290.317	3148.30	2920.0000000	9.4300000
290.818	3046.00	2830.0000000	9.4800000
291.318	3032.50	2770.0000000	9.2900000
291.834	3030.10	2770.0000000	9.3000000
292.334	3029.80	2760.0000000	9.2600000
292.850	3047.40	2780.0000000	9.2700000
293.350	3037.40	2770.0000000	9.2700000
293.866	3019.80	2750.0000000	9.2600000
294.366	2997.70	2740.0000000	9.3100000
294.867	3007.40	2740.0000000	9.2700000
295.383	3010.10	2750.0000000	9.3000000
295.883	2995.00	2730.0000000	9.2800000
296.399	3057.40	2790.0000000	9.2700000
296.899	3055.00	2790.0000000	9.2800000
297.399	2995.00	2730.0000000	9.2800000
297.915	3014.60	2740.0000000	9.2400000
298.415	3009.80	2740.0000000	9.2600000

298.915	3047.40	2780.0000000	9.2700000
299.432	3025.00	2760.0000000	9.2800000
299.948	3019.80	2750.0000000	9.2600000
300.448	3022.20	2750.0000000	9.2500000
300.948	3044.60	2770.0000000	9.2400000
301.448	3024.60	2750.0000000	9.2400000
301.964	3022.20	2750.0000000	9.2500000
302.464	3014.60	2740.0000000	9.2400000
302.964	3029.50	2750.0000000	9.2200000
303.481	3014.60	2740.0000000	9.2400000
303.997	2987.40	2720.0000000	9.2700000
304.497	3057.10	2780.0000000	9.2300000
304.997	3000.10	2740.0000000	9.3000000
305.497	3058.60	2850.0000000	9.5100000
306.013	3078.50	2920.0000000	9.7100000
306.529	3076.10	2900.0000000	9.6400000
307.029	3094.90	2990.0000000	9.9200000
307.529	3036.00	2880.0000000	9.7200000
308.046	3048.60	2880.0000000	9.6700000
308.546	3041.00	2880.0000000	9.7000000
309.046	3043.50	2880.0000000	9.6900000
309.562	3003.50	2840.0000000	9.6900000
310.062	3018.50	2860.0000000	9.7100000
310.578	3033.60	2860.0000000	9.6500000
311.078	2993.60	2820.0000000	9.6500000
311.578	3011.10	2830.0000000	9.6200000
312.078	3031.00	2870.0000000	9.7000000
312.595	3028.60	2860.0000000	9.6700000
313.111	3028.60	2860.0000000	9.6700000
313.611	2966.10	2800.0000000	9.6800000
314.111	2988.00	2860.0000000	9.8300000
314.611	3030.60	2900.0000000	9.8200000
315.127	2965.70	2830.0000000	9.8000000
315.627	3005.50	2880.0000000	9.8400000
316.143	2985.50	2860.0000000	9.8400000
316.643	3020.30	2900.0000000	9.8600000
317.143	3015.50	2890.0000000	9.8400000
317.643	3015.50	2890.0000000	9.8400000
318.143	2955.50	2830.0000000	9.8400000
318.643	3022.90	2900.0000000	9.8500000
319.143	3002.90	2880.0000000	9.8500000
319.659	2992.90	2870.0000000	9.8500000
320.159	2994.60	2900.0000000	9.9600000
320.659	3052.70	3050.0000000	10.3100000
321.175	3031.30	3010.0000000	10.2400000
321.675	3013.40	3000.0000000	10.2700000
322.175	3026.00	3010.0000000	10.2600000
322.692	3018.70	3000.0000000	10.2500000
323.192	3046.00	3030.0000000	10.2600000
323.700	3033.40	3020.0000000	10.2700000
324.208	3056.00	3040.0000000	10.2600000
324.708	3013.40	3000.0000000	10.2700000
325.232	3036.00	3020.0000000	10.2600000
325.732	3048.10	3040.0000000	10.2900000
326.232	3068.70	3050.0000000	10.2500000
326.741	3042.70	3040.0000000	10.3100000
327.249	3011.30	2990.0000000	10.2400000
327.749	3010.70	3000.0000000	10.2800000
328.265	3042.70	3040.0000000	10.3100000
328.765	2922.70	2920.0000000	10.3100000

329.265	2962.70	2960.0000000	10.3100000
329.781	2980.10	2980.0000000	10.3200000
330.281	2960.70	2950.0000000	10.2800000
330.781	2992.10	3000.0000000	10.3500000
331.298	3020.10	3020.0000000	10.3200000
331.814	3015.40	3010.0000000	10.3000000
332.314	3035.40	3030.0000000	10.3000000
332.814	3038.10	3030.0000000	10.2900000
333.314	3025.40	3020.0000000	10.3000000
333.830	2980.10	2980.0000000	10.3200000
334.330	2988.70	2970.0000000	10.2500000
334.846	3017.40	3020.0000000	10.3300000
335.347	3088.50	2930.0000000	9.7100000
335.863	3038.10	3100.0000000	10.5500000
336.363	3037.00	3140.0000000	10.7000000
336.863	3051.50	3160.0000000	10.7200000
337.379	2983.20	3100.0000000	10.7500000
337.879	3033.80	3170.0000000	10.8200000
338.396	2975.40	3120.0000000	10.8500000
338.911	4062.60	3160.0000000	6.1800000
339.412	4052.60	3150.0000000	6.1800000
339.912	4059.20	3160.0000000	6.2000000
340.412	4009.00	3120.0000000	6.2600000
340.928	4084.10	3190.0000000	6.2300000
341.428	4067.10	3190.0000000	6.3300000
341.928	4029.00	3140.0000000	6.2600000
342.444	4068.40	3200.0000000	6.3800000
342.944	4044.10	3150.0000000	6.2300000
343.444	4072.20	3190.0000000	6.3000000
343.961	4143.20	3180.0000000	5.8100000
344.461	4127.40	3150.0000000	5.7200000
344.977	4528.00	3160.0000000	1.9100000
345.493	4415.40	3150.0000000	3.4900000
345.993	4482.10	3200.0000000	3.3200000
346.493	4701.40	3260.0000000	0.0000000
346.993	4711.40	3280.0000000	0.0000000
347.493	4698.10	3240.0000000	0.0000000
348.009	4660.60	3220.0000000	0.0000000
348.509	4670.10	3230.0000000	0.0000000
349.009	4682.10	3260.0000000	0.0000000
349.509	4662.80	3200.0000000	0.0000000
350.009	4674.40	3240.0000000	0.0000000
350.509	4659.10	3200.0000000	0.0000000
351.009	2976.30	3220.0000000	11.2000000
351.525	2973.40	3220.0000000	11.2100000
352.025	2933.40	3180.0000000	11.2100000
352.525	2944.90	3180.0000000	11.1700000
353.041	2954.90	3190.0000000	11.1700000
353.541	2940.60	3170.0000000	11.1500000
354.041	2966.30	3210.0000000	11.2000000
354.558	2980.60	3230.0000000	11.2200000
355.074	2960.60	3210.0000000	11.2200000
355.574	2982.00	3220.0000000	11.1800000
356.074	2980.60	3210.0000000	11.1500000
356.574	2970.60	3200.0000000	11.1500000
357.090	2947.80	3180.0000000	11.1600000
357.590	2994.90	3230.0000000	11.1700000
358.106	2943.40	3190.0000000	11.2100000
358.606	2964.90	3200.0000000	11.1700000
359.107	3039.20	3280.0000000	11.1900000

359.623	2985.90	3270.0000000	11.3400000
360.123	2935.90	3220.0000000	11.3400000
360.623	2968.80	3250.0000000	11.3300000
361.139	2930.10	3220.0000000	11.3600000
361.655	2930.10	3220.0000000	11.3600000
362.155	2950.40	3220.0000000	11.2900000
362.655	2975.90	3260.0000000	11.3400000
363.155	2971.70	3250.0000000	11.3200000
363.672	2954.60	3230.0000000	11.3100000
364.188	2984.60	3260.0000000	11.3100000
364.688	2960.40	3230.0000000	11.2900000
365.188	3548.50	3900.0000000	11.5700000
365.688	2911.90	3320.0000000	11.7600000
366.204	3010.70	3380.0000000	11.6300000
366.704	2993.90	3390.0000000	11.7200000
367.221	2984.90	3390.0000000	11.7500000
367.721	2966.90	3360.0000000	11.7100000
368.237	3004.90	3410.0000000	11.7500000
368.737	2964.90	3370.0000000	11.7500000
369.237	2965.90	3380.0000000	11.7800000
369.753	2979.90	3400.0000000	11.8000000
370.253	2990.90	3390.0000000	11.7300000
370.769	3006.90	3400.0000000	11.7100000
371.269	2989.80	3380.0000000	11.7000000
371.769	2946.90	3340.0000000	11.7100000
372.286	2963.90	3360.0000000	11.7200000
372.786	2996.90	3390.0000000	11.7100000
373.286	2992.80	3380.0000000	11.6900000
373.802	3016.90	3410.0000000	11.7100000
374.302	2996.90	3390.0000000	11.7100000
374.818	3000.90	3400.0000000	11.7300000
375.318	3013.90	3410.0000000	11.7200000
375.818	3049.80	3440.0000000	11.7000000
376.335	3053.90	3450.0000000	11.7200000
376.835	3009.80	3400.0000000	11.7000000
377.351	3013.90	3410.0000000	11.7200000
377.851	3016.90	3410.0000000	11.7100000
378.367	3018.90	3430.0000000	11.7700000
378.867	3049.80	3440.0000000	11.7000000
379.367	3006.90	3400.0000000	11.7100000
379.875	3039.80	3430.0000000	11.7000000
380.383	3081.40	3550.0000000	11.9600000
380.883	2995.30	3470.0000000	11.9800000
381.383	3087.00	3620.0000000	12.1700000
381.891	3007.70	3550.0000000	12.2000000
382.391	3018.30	3570.0000000	12.2300000
382.891	3037.00	3570.0000000	12.1700000
383.391	3017.00	3550.0000000	12.1700000
383.891	3057.00	3590.0000000	12.1700000
384.391	3020.00	3550.0000000	12.1600000
384.907	3065.50	3580.0000000	12.1100000
385.407	3076.20	3600.0000000	12.1400000
385.923	3030.00	3560.0000000	12.1600000
386.424	3044.60	3590.0000000	12.2100000
386.924	3099.30	3620.0000000	12.1300000
387.440	3043.10	3570.0000000	12.1500000
387.940	3076.20	3600.0000000	12.1400000
388.440	3080.00	3610.0000000	12.1600000
388.956	3019.30	3540.0000000	12.1300000
389.472	3060.00	3590.0000000	12.1600000