

13	72	1075	0.00046	532	13.953	0.000425935	12.06	0.116047406	3286.08	116.07	120.31	10/27/2003 15:14	3653:21:30	3652:59:00	60.44301724
13	72	1080	0.00046	532	14.018	0.000427916	12.12	0.116475322	3298.20	116.50	120.74	11/3/2003 10:20	3816:27:30	3816:05:00	61.77749051
26	75	1085	0.00092	535	14.083	0.000854973	24.21	0.117330295	3322.41	117.36	121.60	11/10/2003 11:35	3985:42:30	3985:20:00	63.13246656
39	76	1069	0.00138	536	13.875	0.001261191	35.71	0.118591486	3358.12	118.62	122.86	11/17/2003 16:39	4158:46:30	4158:24:00	64.48856488
3	73	1086	0.00011	533	14.096	9.91122E-05	2.81	0.118690598	3360.93	118.72	122.96	11/24/2003 14:33	4324:40:30	4324:18:00	65.76226121
13	75	1090	0.00046	535	14.148	0.000429457	12.16	0.119120055	3373.09	119.15	123.39	12/4/2003 20:27	4570:34:30	4570:12:00	67.60602784
17	74	1083	0.0006	534	14.057	0.000559035	15.83	0.11967909	3388.92	119.71	123.94	12/10/2003 15:05	4709:12:30	4708:50:00	68.62367181
15	76	1087	0.00053	536	14.109	0.000493241	13.97	0.120172331	3402.89	120.20	124.44	12/16/2003 14:31	4852:38:30	4852:16:00	69.66090487
16	73	1081	0.00057	533	14.031	0.000526165	14.90	0.120698496	3417.79	120.73	124.96	12/22/2003 16:15	4998:22:30	4998:00:00	70.6991867
19	75	1082	0.00067	535	14.044	0.000623061	17.64	0.121321556	3435.43	121.35	125.59	12/29/2003 14:42	5164:49:30	5164:27:00	71.86671691
0	74	1103	0	534	14.316	0	0.00	0.121321556	3435.43	121.35	125.59	1/6/2004 15:19	5357:26:30	5357:04:00	73.1945467
23	75	1093	0.00081	535	14.187	0.000761899	21.57	0.122083455	3457.01	122.11	126.35	1/12/2004 11:50	5497:57:30	5497:35:00	74.14821868
30	75	1085	0.00106	535	14.135	0.000990144	28.04	0.1230736	3485.04	123.10	127.34	1/21/2004 10:42	5712:49:30	5712:27:00	75.58323227
7	71	1091	0.00025	531	14.161	0.000233202	6.60	0.123306801	3491.65	123.33	127.57	1/27/2004 10:17	5856:24:30	5856:02:00	76.52717382
19	75	1085	0.00067	535	14.083	0.000624788	17.69	0.12393159	3509.34	123.96	128.20	2/2/2004 15:48	6005:55:30	6005:33:00	77.4979032
7	75	1091	0.00025	535	14.161	0.000231458	6.55	0.124163048	3515.89	124.19	128.43	2/9/2004 10:40	6168:47:30	6168:25:00	78.54165561
13	75	1091	0.00046	535	14.161	0.000429851	12.17	0.124592898	3528.06	124.62	128.86	2/16/2004 14:32	6340:39:30	6340:17:00	79.62825085
17	74	1086	0.0006	534	14.096	0.000560584	15.87	0.125153482	3543.94	125.18	129.42	2/23/2004 14:41	6508:48:30	6508:26:00	80.67718595
10	75	1091	0.00035	535	14.161	0.000330654	9.36	0.125484136	3553.30	125.51	129.75	3/2/2004 10:52	6696:59:30	6696:37:00	81.83514933
13	75	1088	0.00046	535	14.122	0.000428669	12.14	0.125912805	3565.44	125.94	130.18	3/8/2004 10:17	6840:24:30	6840:02:00	82.70676111
17	74	1081	0.0006	534	14.031	0.000558003	15.80	0.126470808	3581.24	126.50	130.74	3/15/2004 11:50	7009:57:30	7009:35:00	83.72549393
1	75	1097	3.5E-05	535	14.239	3.32473E-05	0.94	0.126504055	3582.18	126.53	130.77	3/22/2004 10:12	7176:19:30	7175:57:00	84.7131926
10	75	1088	0.00035	535	14.122	0.000329745	9.34	0.1268338	3591.52	126.86	131.10	3/30/2004 20:42	7378:49:30	7378:27:00	85.90008731
17	75	1080	0.0006	535	14.018	0.000556445	15.76	0.127390245	3607.28	127.42	131.66	4/6/2004 14:50	7540:57:30	7540:35:00	86.83869145
1	75	1086	3.5E-05	535	14.096	3.29139E-05	0.93	0.127423159	3608.21	127.45	131.69	4/12/2004 15:07	7685:14:30	7684:52:00	87.66551013
4	68	1088	0.00014	528	14.122	0.000133647	3.78	0.127556806	3611.99	127.59	131.82	4/19/2004 14:36	7852:43:30	7852:21:00	88.61560246
12	76	1090	0.00042	536	14.148	0.000395682	11.20	0.127952488	3623.20	127.98	132.22	4/26/2004 11:40	8017:47:30	8017:25:00	89.5421223
17	76	1083	0.0006	536	14.057	0.000556949	15.77	0.128509437	3638.97	128.54	132.78	5/3/2004 19:59	8194:06:30	8193:44:00	90.52131425
22	77	1081	0.00078	537	14.031	0.000718087	20.33	0.129227525	3659.30	129.26	133.50	5/10/2004 14:06	8356:13:30	8355:51:00	91.41238975
12	78	1082	0.00042	538	14.044	0.000391318	11.08	0.129618842	3670.38	129.65	133.89	5/17/2004 9:49	8519:56:30	8519:34:00	92.30353009
14	74	1075	0.00049	534	13.953	0.000456981	12.94	0.130075824	3683.32	130.11	134.34	5/24/2004 10:37	8688:44:30	8688:22:00	93.21341999
9	77	1077	0.00032	537	13.979	0.000292676	8.29	0.13036855	3691.61	130.40	134.64	6/1/2004 10:59	8881:06:30	8880:44:00	94.2396325
20	78	1076	0.00071	538	13.966	0.000648579	18.37	0.131017079	3709.98	131.05	135.29	6/7/2004 10:41	9024:48:30	9024:26:00	94.99899122
9	75	1078	0.00032	535	13.992	0.000294043	8.33	0.131311122	3718.30	131.34	135.58	6/14/2004 10:55	9193:02:30	9192:40:00	95.88035079
7	77	1082	0.00025	537	14.044	0.000228694	6.48	0.131539816	3724.78	131.57	135.81	6/23/2004 16:32	9414:39:30	9414:17:00	97.02916228
13	77	1082	0.00046	537	14.044	0.000424717	12.03	0.131964533	3736.81	131.99	136.23	7/1/2004 11:58	9602:05:30	9601:43:00	97.99026312
15	79	1082	0.00053	539	14.044	0.00048824	13.83	0.132452772	3750.63	132.48	136.72	7/7/2004 10:38	9744:45:30	9744:23:00	98.71554251
16	79	1082	0.00057	539	14.044	0.000520789	14.75	0.132973561	3765.38	133.00	137.24	7/13/2004 14:24	9892:31:30	9892:09:00	99.46117333
-8	73	1080	-0.0003	533	14.018	-0.000262839	-7.44	0.132710722	3757.93	132.74	136.98	7/19/2004 11:26	10033:33:30	10033:11:00	100.1676511
6	79	1091	0.00021	539	14.161	0.00019692	5.58	0.132907642	3763.51	132.94	137.18	7/26/2004 10:27	10200:34:30	10200:12:00	100.997896
23	80	1079	0.00081	540	14.005	0.000745176	21.10	0.133652818	3784.61	133.68	137.92	8/2/2004 14:47	10372:54:30	10372:32:00	101.8474758
6	78	1086	0.00021	538	14.096	0.000196382	5.56	0.1338492	3790.17	133.88	138.12	8/9/2004 14:08	10540:15:30	10539:53:00	102.6657603
2	78	1088	7.1E-05	538	14.122	6.55813E-05	1.86	0.133914781	3792.03	133.95	138.18	8/16/2004 11:10	10705:17:30	10704:55:00	103.4663794
14	75	1076	0.00049	535	13.966	0.000456551	12.93	0.134371333	3804.96	134.40	138.64	8/23/2004 14:16	10876:23:30	10876:01:00	104.2899404
-12	73	1087	-0.0004	533	14.109	-0.000396814	-11.24	0.133974519	3793.72	134.00	138.24	8/30/2004 16:51	11046:58:30	11046:36:00	105.1045908
16	75	1088	0.00057	535	14.122	0.000527592	14.94	0.134502111	3808.66	134.53	138.77	9/7/2004 16:03	11238:10:30	11237:48:00	106.0102589
22	77	1073	0.00078	537	13.927	0.000712773	20.18	0.135214884	3828.84	135.25	139.48	9/14/2004 18:44	11408:51:30	11408:29:00	106.8122574
-10	77	1083	-0.0004	537	14.057	-0.000327007	-9.26	0.134887877	3819.58	134.92	139.16	9/21/2004 16:50	11574:57:30	11574:35:00	107.5869803
-1	75	1089	-4E-05	535	14.135	-3.30048E-05	-0.93	0.134854872	3818.65	134.89	139.12	9/28/2004 21:10	11747:17:30	11746:55:00	108.3849236
7	76	1085	0.00025	536	14.083	0.000229756	6.51	0.135084628	3825.16	135.12	139.35	10/8/2004 10:17	11976:24:30	11976:02:00	109.4367778
DECANISTERED 10/08/2004, sample air dried 13 days															

15	71	1091	0.00053	531	14.161	0.000499718	14.15	0.091388851	2587.83	32.38	33.26	2/9/2004 10:41	6163:58:00	6163:38:15	78.51093342	
15	71	1091	0.00053	531	14.161	0.000499718	14.15	0.091888568	2601.98	32.56	33.43	2/16/2004 14:33	6335:50:00	6335:30:15	79.59794805	
17	70	1086	0.0006	530	14.096	0.000564815	15.99	0.092453383	2617.98	32.76	33.63	2/23/2004 14:42	6503:59:00	6503:39:15	80.64727728	
18	72	1091	0.00064	532	14.161	0.000598534	16.95	0.093051917	2634.93	32.97	33.84	3/2/2004 10:52	6692:09:00	6691:49:15	81.80556216	
15	71	1088	0.00053	531	14.122	0.000498344	14.11	0.093550261	2649.04	33.14	34.02	3/8/2004 10:19	6835:36:00	6835:16:15	82.67768744	
17	70	1081	0.0006	530	14.031	0.000562214	15.92	0.094112475	2664.96	33.34	34.22	3/15/2004 11:51	7005:08:00	7004:48:15	83.69667457	
15	72	1097	0.00053	532	14.239	0.000501521	14.20	0.094613996	2679.16	33.52	34.40	3/22/2004 10:12	7171:29:00	7171:09:15	84.68461096	
15	70	1088	0.00053	530	14.122	0.000499284	14.14	0.09511328	2693.30	33.70	34.57	3/30/2004 20:43	7374:00:00	7373:40:15	85.87199776	
14	70	1080	0.00049	530	14.018	0.000462572	13.10	0.095575852	2706.40	33.86	34.74	4/6/2004 14:51	7536:08:00	7535:48:15	86.81090561	
8	68	1086	0.00028	528	14.096	0.000266802	7.55	0.095842654	2713.95	33.96	34.83	4/12/2004 15:07	7680:24:00	7680:04:15	87.63789135	
13	69	1088	0.00046	529	14.122	0.000433531	12.28	0.096276185	2726.23	34.11	34.99	4/19/2004 14:37	7847:55:00	7847:35:15	88.58846802	
12	71	1090	0.00042	531	14.148	0.000399408	11.31	0.096675592	2737.54	34.25	35.13	4/26/2004 11:40	8012:57:00	8012:37:15	89.51508253	
12	70	1083	0.00042	530	14.057	0.000397591	11.26	0.097073184	2748.80	34.39	35.27	5/3/2004 20:02	8189:19:00	8188:59:15	90.49484332	
22	75	1081	0.00078	535	14.031	0.000720772	20.41	0.097793956	2769.21	34.65	35.52	5/10/2004 14:07	8351:24:00	8351:04:15	91.38599455	
16	76	1082	0.00057	536	14.044	0.000523704	14.83	0.098317659	2784.04	34.83	35.71	5/17/2004 9:50	8515:07:00	8514:47:15	92.27738979	
20	75	1075	0.00071	535	13.953	0.00065161	18.45	0.098969627	2802.49	35.06	35.94	5/24/2004 10:37	8683:54:00	8683:34:15	93.18744551	
18	75	1077	0.00064	535	13.979	0.00058754	16.64	0.09955681	2819.12	35.27	36.15	6/1/2004 11:00	8876:17:00	8875:57:15	94.21402939	
16	77	1076	0.00057	537	13.966	0.00051983	14.72	0.10007664	2833.84	35.46	36.33	6/7/2004 10:41	9019:58:00	9019:38:15	94.97350508	
18	74	1078	0.00064	534	13.992	0.000589187	16.68	0.100665827	2850.53	35.67	36.54	6/14/2004 10:55	9188:12:00	9187:52:15	95.85509898	
15	75	1082	0.00053	535	14.044	0.00049189	13.93	0.101157717	2864.46	35.84	36.72	6/23/2004 16:33	9409:50:00	9409:30:15	97.00429544	
17	77	1082	0.0006	537	14.044	0.000553399	15.73	0.101713116	2880.18	36.04	36.91	7/1/2004 11:59	9597:16:00	9596:56:15	97.96564024	
14	79	1082	0.00049	539	14.044	0.00045569	12.90	0.102168806	2893.09	36.20	37.07	7/7/2004 10:39	9739:56:00	9739:36:15	98.69110058	
15	79	1082	0.00053	539	14.044	0.00048824	13.83	0.102657045	2906.91	36.37	37.25	7/13/2004 14:26	9887:43:00	9887:23:15	99.43699848	
9	75	1080	0.00032	535	14.018	0.000294588	8.34	0.102951634	2915.25	36.48	37.35	7/19/2004 11:27	10028:44:00	10028:24:15	100.1435636	
13	78	1091	0.00046	538	14.161	0.000427454	12.10	0.103379088	2927.36	36.63	37.50	7/26/2004 10:27	10195:44:00	10195:24:15	100.973924	
16	78	1079	0.00057	538	14.005	0.00052031	14.73	0.103899398	2942.09	36.81	37.69	8/2/2004 14:47	10368:04:00	10367:44:15	101.8237039	
12	78	1086	0.00042	538	14.096	0.000392764	11.12	0.104292162	2953.21	36.95	37.83	8/9/2004 14:09	10535:26:00	10535:06:15	102.642259	
10	78	1088	0.00035	538	14.122	0.000327906	9.29	0.104620068	2962.50	37.07	37.94	8/16/2004 11:10	10700:27:00	10700:07:15	103.4429795	estimate
13	75	1076	0.00046	535	13.966	0.000423941	12.00	0.105044009	2974.50	37.22	38.09	8/23/2004 14:17	10871:34:00	10871:14:15	104.2668052	estimate
8	73	1087	0.00028	533	14.109	0.000264543	7.49	0.105308552	2981.99	37.31	38.19	8/30/2004 16:52	11042:09:00	11041:49:15	105.0816349	estimate
15	75	1087	0.00053	535	14.109	0.000494163	13.99	0.105802715	2995.99	37.49	38.36	9/7/2004 16:04	11233:21:00	11233:01:15	105.9874993	estimate
6	76	1073	0.00021	536	13.927	0.000194755	5.51	0.10599747	3001.50	37.56	38.43	9/14/2004 18:46	11404:03:00	11403:43:15	106.7897467	
-3	76	1083	-0.0001	536	14.057	-9.82852E-05	-2.78	0.105899185	2998.72	37.52	38.40	9/21/2004 16:50	11570:07:00	11569:47:15	107.5644768	
5	76	1089	0.00018	536	14.135	0.000164716	4.66	0.106063901	3003.38	37.58	38.45	9/28/2004 21:11	11742:28:00	11742:08:15	108.3626627	
10	75	1085	0.00035	535	14.083	0.000328836	9.31	0.106392737	3012.70	37.70	38.57	10/8/2004 10:19	11971:36:00	11971:16:15	109.414807	
12	72	1079	0.00042	532	14.005	0.000394634	11.17	0.106787371	3023.87	37.83	38.71	10/19/2004 14:18	12239:35:00	12239:15:15	110.6326504	
10	74	1086	0.00035	534	14.096	0.000329755	9.34	0.107117126	3033.21	37.95	38.83	10/27/2004 14:07	12431:24:00	12431:04:15	111.4961883	
10	74	1090	0.00035	534	14.148	0.00033097	9.37	0.107448096	3042.58	38.07	38.94	11/5/2004 11:15	12644:32:00	12644:12:15	112.4479139	
8	75	1095	0.00028	535	14.213	0.000265493	7.52	0.107713589	3050.10	38.16	39.04	11/12/2004 16:32	12817:49:00	12817:29:15	113.2157969	
15	75	1080	0.00053	535	14.018	0.000490981	13.90	0.10820457	3064.00	38.34	39.21	11/24/2004 10:56	13100:13:00	13099:53:15	114.4561779	
13	75	1081	0.00046	535	14.031	0.000425911	12.06	0.10863048	3076.06	38.49	39.36	12/3/2004 16:01	13321:18:00	13320:58:15	115.4179362	
13	75	1089	0.00046	535	14.135	0.000429063	12.15	0.109059543	3088.21	38.64	39.52	12/15/2004 17:33	13610:50:00	13610:30:15	116.6654762	
8	76	1100	0.00028	536	14.278	0.000266208	7.54	0.109325751	3095.75	38.73	39.61	12/23/2004 12:05	13797:22:00	13797:02:15	117.4621925	
12	75	1085	0.00042	535	14.083	0.000394603	11.17	0.109720354	3106.92	38.87	39.75	12/31/2004 18:00	13995:17:00	13994:57:15	118.3016624	
12	75	1081	0.00042	535	14.031	0.000393148	11.13	0.110113502	3118.06	39.01	39.89	1/10/2005 14:02	14231:19:00	14230:59:15	119.2950823	
8	76	1078	0.00028	536	13.992	0.000260884	7.39	0.110374386	3125.44	39.11	39.98	1/20/2005 15:06	14472:23:00	14472:03:15	120.3012192	
4	75	1094	0.00014	535	14.200	0.000132625	3.76	0.110507011	3129.20	39.15	40.03	1/27/2005 16:17	14641:34:00	14641:14:15	121.0023416	
1	75	1093	3.5E-05	535	14.187	3.3126E-05	0.94	0.110540137	3130.14	39.16	40.04	2/3/2005 15:24	14808:41:00	14808:21:15	121.6909337	
0	75	1093	0	535	14.187	0	0.00	0.110540137	3130.14	39.16	40.04	2/10/2005 14:58	14976:15:00	14975:55:15	122.3774898	
DECANISTERED 2/10/2005, sample air dried 30 days																

SAMPLE: 982.0' to 983.0' (Riverton coal) in canister G		lbs.	grams					lbs.	grams	moisture %	est. lost gas (cc) =		TIME OF:	elapsed time (off bottom to canister)	
dry sample weight:		3.383	1534.69	wet sample weight:				3.467	1572.69	2.42%	260		off bottom	in canister	24.3 minutes
												#####	5/31/2003 12:51	0.404 hours	
RIG/LAB MEASUREMENTS	CONVERSION OF RIG/LAB MEASUREMENTS	TO STP (@60 deg	CUMULATIVE VOLUMES (@	SCF/TON	SCF/TON	TIME OF MEASUREMENT	TIME SINCE						0.635741037	SQRT hrs. (since off bottom)	SQRT (hrs)
measured cc	measured T (F)	measured P (psia)	absolute T (F)	absolute P (psia)	cubic ft (@STP) cc (@STP)	cc	without lost gas	with lost gas							
34	78	1086	0.0012	538	14.096	0.001112832	31.51	0.001112832	31.51	0.66	6.09	5/31/2003 12:57	0:30:00	0:05:45	0.707106781
6	78	1086	0.00021	538	14.096	0.000196382	5.56	0.001309214	37.07	0.77	6.20	5/31/2003 12:58	0:31:15	0:07:00	0.721687837
8	78	1086	0.00028	538	14.096	0.000261843	7.41	0.001571057	44.49	0.93	6.36	5/31/2003 13:00	0:33:15	0:09:00	0.744423715
5	78	1086	0.00018	538	14.096	0.000163652	4.63	0.001734709	49.12	1.03	6.45	5/31/2003 13:01	0:33:45	0:09:30	0.75
30	79	1086	0.00106	539	14.096	0.000890089	27.75	0.002714798	76.87	1.60	7.03	5/31/2003 13:08	0:40:30	0:16:15	0.821583836
6	79	1086	0.00021	539	14.096	0.000196018	5.55	0.002910816	82.42	1.72	7.15	5/31/2003 13:09	0:42:15	0:18:00	0.839146392
5	79	1086	0.00018	539	14.096	0.000163348	4.63	0.003074164	87.05	1.82	7.24	5/31/2003 13:10	0:43:00	0:18:45	0.846561673
7	79	1086	0.00025	539	14.096	0.000228687	6.48	0.003302851	93.53	1.95	7.38	5/31/2003 13:12	0:44:30	0:20:15	0.861200712
6	79	1086	0.00021	539	14.096	0.000196018	5.55	0.003498869	99.08	2.07	7.50	5/31/2003 13:13	0:45:30	0:21:15	0.870823365
32	79	1086	0.00113	539	14.096	0.001045428	29.60	0.004544297	128.68	2.69	8.11	5/31/2003 13:21	0:53:45	0:29:30	0.946484724
7	79	1086	0.00025	539	14.096	0.000228687	6.48	0.004772985	135.16	2.82	8.25	5/31/2003 13:23	0:55:30	0:31:15	0.961769203
11	79	1086	0.00039	539	14.096	0.000359366	10.18	0.005132351	145.33	3.03	8.46	5/31/2003 13:26	0:58:30	0:34:15	0.987420983
9	79	1086	0.00032	539	14.096	0.000294027	8.33	0.005426378	153.66	3.21	8.64	5/31/2003 13:28	1:00:45	0:36:30	1.00623059
6	79	1086	0.00021	539	14.096	0.000196018	5.55	0.005622395	159.21	3.32	8.75	5/31/2003 13:30	1:02:30	0:38:15	1.020620726
53	79	1086	0.00187	539	14.096	0.001731491	49.03	0.007353886	208.24	4.35	9.77	5/31/2003 13:45	1:18:15	0:54:00	1.142001168
15	79	1086	0.00053	539	14.096	0.000490045	13.88	0.007843931	222.11	4.64	10.06	5/31/2003 13:50	1:22:45	0:58:30	1.174379269
9	79	1086	0.00032	539	14.096	0.000294027	8.33	0.008137957	230.44	4.81	10.24	5/31/2003 13:53	1:25:30	1:01:15	1.193733639
12	79	1086	0.00042	539	14.096	0.000392036	11.10	0.008529993	241.54	5.04	10.47	5/31/2003 13:57	1:29:30	1:05:15	1.221338064
38	79	1086	0.00134	539	14.096	0.001241446	35.15	0.009771439	276.70	5.78	11.20	5/31/2003 14:10	1:42:30	1:18:15	1.307032262
131	79	1087	0.00463	539	14.109	0.004283663	121.30	0.014055102	397.99	8.31	13.74	5/31/2003 15:09	2:41:30	2:17:15	1.64062996
236	76	1085	0.00833	536	14.083	0.007746048	219.34	0.021801149	617.34	12.89	18.31	5/31/2003 17:59	5:31:30	5:07:15	2.350531855
502	86	1086	0.01773	546	14.096	0.016189898	458.45	0.037991047	1075.78	22.46	27.88	6/1/2003 2:50	14:22:30	13:58:15	3.791437722
253	83	1087	0.00893	543	14.109	0.008212085	232.54	0.046203132	1308.32	27.31	32.74	6/1/2003 8:50	20:22:30	19:58:15	4.513867521
168	81	1085	0.00593	541	14.083	0.005461373	154.70	0.051666305	1463.02	30.54	35.97	6/1/2003 13:43	25:15:30	24:51:15	5.02576694
377	76	1075	0.01331	536	13.953	0.012259937	347.16	0.063926242	1810.18	37.79	43.22	6/2/2003 11:02	46:34:30	46:10:15	6.8245879
183	82	1075	0.00646	542	13.953	0.00588523	166.65	0.069811473	1976.83	41.27	46.69	6/2/2003 17:57	53:29:30	53:05:15	7.313799742
234	80	1082	0.00826	540	14.044	0.007602432	215.28	0.077413905	2192.11	45.76	51.19	6/3/2003 9:19	68:51:30	68:27:15	8.29809215
264	78	1082	0.00932	538	14.044	0.008608988	243.78	0.086022893	2435.89	50.85	56.28	6/4/2003 9:26	92:58:30	92:34:15	9.642354484
235	79	1082	0.0083	539	14.044	0.007649086	216.60	0.09367198	2652.49	55.37	60.80	6/5/2003 14:47	122:19:30	121:55:15	11.06006329
208	80	1077	0.00735	540	13.979	0.00672649	190.47	0.100398469	2842.96	59.35	64.78	6/6/2003 14:13	145:45:30	145:21:15	12.07304159
189	80	1078	0.00667	540	13.992	0.006117726	173.23	0.106516195	3016.19	62.96	68.39	6/7/2003 19:48	175:20:30	174:56:15	13.241664004
214	81	1078	0.00756	541	13.992	0.006891415	195.79	0.11343034	3211.98	67.05	72.48	6/9/2003 14:21	217:53:30	217:29:15	14.76115397
121	80	1075	0.00427	540	13.953	0.00390574	110.60	0.11733608	3322.58	69.36	74.79	6/10/2003 13:42	241:14:30	240:50:15	15.53195631
115	79	1076	0.00406	539	13.966	0.003722413	105.41	0.121058493	3427.98	71.56	76.99	6/11/2003 14:00	265:32:30	265:08:15	16.29544926
252	80	1085	0.0089	540	14.083	0.008209935	232.48	0.129288428	3660.46	76.41	81.84	6/15/2003 14:45	362:17:30	361:53:15	19.03396088
95	80	1087	0.00335	540	14.109	0.00310072	87.80	0.132369148	3748.26	78.25	83.67	6/16/2003 13:36	385:08:30	384:44:15	19.62502654
77	81	1085	0.00272	541	14.083	0.002503954	70.90	0.134873102	3819.17	79.73	85.15	6/17/2003 13:32	409:04:30	408:40:15	20.22560259
79	78	1084	0.00279	538	14.031	0.002573794	72.88	0.137446896	3892.05	81.25	86.68	6/18/2003 13:53	433:25:30	433:01:15	20.81886164
68	80	1082	0.0024	540	14.044	0.002209254	62.56	0.13966515	3954.61	82.55	87.98	6/19/2003 13:51	457:23:30	456:59:15	21.38671706
58	79	1085	0.00205	539	14.083	0.001893094	53.61	0.141549244	4008.21	83.67	89.10	6/20/2003 14:04	481:36:30	481:12:15	21.94557662
59	80	1082	0.00208	540	14.044	0.001916853	54.28	0.143466096	4062.49	84.81	90.23	6/21/2003 10:43	502:15:30	501:51:15	22.41112075
83	78	1079	0.00293	538	14.005	0.002699109	76.43	0.146165206	4138.92	86.40	91.83	6/23/2003 11:19	550:51:30	550:27:15	23.47037139
103	80	1078	0.00364	540	13.992	0.003333999	94.41	0.149499204	4233.33	88.37	93.80	6/25/2003 10:36	598:08:30	597:44:15	24.45693494
79	80	1082	0.00279	540	14.044	0.002566633	72.68	0.152065838	4306.01	89.89	95.32	6/27/2003 15:13	650:45:30	650:21:15	25.50996537
64	80	1086	0.00226	540	14.096	0.002086985	59.10	0.154152822	4365.11	91.12	96.55	6/29/2003 11:52	695:24:30	695:00:15	26.370596
43	80	1084	0.00152	540	14.070	0.00139961	39.63	0.155552433	4404.74	91.95	97.38	7/1/2003 12:51	744:23:30	743:59:15	27.28354205
69	80	1078	0.00244	540	13.992	0.002233455	63.24	0.157785888	4467.98	93.27	98.70	7/3/2003 9:52	789:24:30	789:00:15	28.0964114
94	82	1078	0.00332	542	13.992	0.003031451	85.84	0.160817339	4553.82	95.06	100.49	7/5/2003 20:14	847:46:30	847:22:15	29.11657603
46	80	1081	0.00162	540	14.031	0.001493114	42.28	0.162310453	4596.10	95.94	101.37	7/7/2003 14:15	889:47:30	889:23:15	29.8293759
56	78	1078	0.00198	538	13.992	0.001819398	51.52	0.164129851	4647.62	97.02	102.45	7/9/2003 14:24	937:56:30	937:32:15	30.62583332
52	78	1081	0.00184	538	14.031	0.001694143	47.97	0.165823994	4695.59	98.02	103.45	7/11/2003 16:05	987:37:30	987:13:15	31.42650156
77	80	1084	0.00272	540	14.070	0.002506279	70.97	0.168330273	4766.56	99.50	104.93	7/15/2003 14:05	1081:37:30	1081:13:15	32.88806775
118	78	1079	0.00417	538	14.005	0.003837288	108.66	0.172167561	4875.22	101.77	107.20	7/21/2003 16:43	1228:15:30	1227:51:15	35.04651671
117	80	1081	0.00413	540	14.031	0.003797703	107.54	0.175965264	4982.76	104.02	109.44	7/28/2003 20:41	1400:13:30	1399:49:15	37.41958044
95	79	1079	0.00335	539	14.005	0.00308361	87.32	0.179048874	5070.08	105.84	111.27	8/4/2003 13:57	1561:29:30	1561:05:15	39.51571417
95	78	1086	0.00335	538	14.096	0.003109384	88.05	0.182158258	5158.13	107.68	113.10	8/11/2003 14:12	1729:44:30	1729:20:15	41.5901631
93	79	1082	0.00328	539	14.044	0.003027085	85.72	0.185185343	5243.85	109.47	114.89	8/18/2003 20:24	1903:56:30	1903:32:15	43.63418003
78	80	1083	0.00275	540	14.057	0.002536486	71.83	0.18772183	5315.67	110.97	116.39	8/24/2003 22:59	2050:31:30	2050:07:15	45.28272297
71	80	1086	0.00251	540	14.096	0.002315249	65.56	0.190037078	5381.23	112.33	117.76	9/1/2003 15:03	2234:35:30	2234:11:15	47.27146779
63	83	1084	0.00222	543	14.070	0.002039263	57.75	0.192076341	5438.98	113.54	118.97	9/8/2003 14:15	2401:47:30	2401:23:15	49.00807757
80	80	1085	0.												

14	80	1086	0.00049	540	14.096	0.000456528	12.93	0.216967547	6143.81	128.25	133.68	2/23/2004 14:45	6434:17:30	6433:53:15	80.21403659
13	80	1091	0.00046	540	14.161	0.00042587	12.06	0.217393418	6155.87	128.51	133.93	3/2/2004 10:53	6622:25:30	6622:01:15	81.37828334
18	83	1088	0.00064	543	14.122	0.000584797	16.56	0.217978214	6172.43	128.85	134.28	3/8/2004 10:20	6765:52:30	6765:28:15	82.25493906
14	80	1081	0.00049	540	14.031	0.000454426	12.87	0.21843264	6185.30	129.12	134.55	3/15/2004 11:53	6935:25:30	6935:01:15	83.27919908
6	81	1097	0.00021	541	14.239	0.000197271	5.59	0.218629911	6190.89	129.24	134.66	3/22/2004 10:14	7101:46:30	7101:22:15	84.27202976
13	81	1085	0.00046	541	14.122	0.000423914	12.00	0.219053826	6202.89	129.49	134.91	3/30/2004 20:44	7304:16:30	7303:52:15	85.46505134
21	83	1080	0.00074	543	14.018	0.000677246	19.18	0.219731072	6222.07	129.89	135.31	4/6/2004 14:52	7466:24:30	7466:00:15	86.40838115
5	81	1086	0.00018	541	14.096	0.000162744	4.61	0.219893816	6226.68	129.98	135.41	4/12/2004 15:09	7610:41:30	7610:17:15	87.61937823
13	81	1088	0.00046	541	14.122	0.000423914	12.00	0.220317731	6238.68	130.23	135.66	4/19/2004 14:38	7778:10:30	7777:46:15	88.19396238
9	80	1090	0.00032	540	14.148	0.000294563	8.34	0.220612294	6247.02	130.41	135.84	4/26/2004 11:41	7943:13:30	7942:49:15	89.12477209
13	80	1083	0.00046	540	14.057	0.000422748	11.97	0.221035041	6258.99	130.66	136.09	5/3/2004 20:04	8119:36:30	8119:12:15	90.10886934
16	80	1081	0.00057	540	14.031	0.000519344	14.71	0.221554385	6273.70	130.97	136.39	5/10/2004 14:09	8281:41:30	8281:17:15	91.00380029
12	80	1082	0.00042	540	14.044	0.000389868	11.04	0.221944254	6284.74	131.20	136.62	5/17/2004 9:50	8445:22:30	8444:58:15	91.89872143
17	80	1075	0.0006	540	13.953	0.00054874	15.54	0.222482994	6300.28	131.52	136.95	5/24/2004 10:38	8614:10:30	8613:46:15	92.81257997
18	80	1077	0.00064	540	13.979	0.0005821	16.48	0.223075094	6316.76	131.86	137.29	6/1/2004 11:01	8806:33:30	8806:09:15	93.84326472
19	82	1076	0.00067	542	13.968	0.000611603	17.32	0.223686897	6334.08	132.23	137.65	6/7/2004 10:42	8950:14:30	8949:50:15	94.60571688
15	83	1078	0.00053	543	13.992	0.000482851	13.67	0.224169549	6347.75	132.51	137.94	6/14/2004 10:56	9118:28:30	9118:04:15	95.49070635
11	81	1082	0.00039	541	14.044	0.000356719	10.10	0.224526267	6357.85	132.72	138.15	6/23/2004 16:34	9340:06:30	9339:42:15	96.6442359
11	81	1082	0.00039	541	14.044	0.000356719	10.10	0.224882986	6367.95	132.93	138.36	7/1/2004 14:00	9529:32:30	9529:08:15	97.61837137
-5	73	1082	-0.0002	533	14.044	-0.000164579	-4.66	0.224718408	6363.29	132.84	138.26	7/7/2004 10:46	9670:18:30	9669:54:15	98.33772589
18	81	1082	0.00064	541	14.044	0.000583722	16.53	0.225302129	6379.82	133.18	138.61	7/13/2004 14:27	9817:59:30	9817:35:15	99.08577934
12	81	1080	0.00042	541	14.018	0.000388428	11.00	0.225690557	6390.82	133.41	138.84	7/19/2004 11:27	9958:59:30	9958:35:15	99.79474769
0	80	1091	0	540	14.161	0	0.00	0.225690557	6390.82	133.41	138.84	7/26/2004 10:28	10126:00:30	10125:36:15	100.6280693
18	82	1079	0.00064	542	14.005	0.000581029	16.45	0.226271587	6407.27	133.75	139.18	8/2/2004 14:48	10298:20:30	10297:56:15	101.4807453
6	81	1086	0.00021	541	14.096	0.000195293	5.53	0.22646688	6412.80	133.87	139.30	8/9/2004 14:11	10465:43:30	10465:19:15	102.3021261
2	80	1088	7.1E-05	540	14.122	6.53384E-05	1.85	0.226532218	6414.65	133.91	139.34	8/16/2004 11:11	10630:43:30	10630:19:15	103.1054072
16	81	1076	0.00057	541	13.966	0.000515986	14.61	0.227048204	6429.26	134.21	139.64	8/23/2004 14:18	10801:50:30	10801:26:15	103.9319088
2	77	1087	7.1E-05	537	14.109	6.5643E-05	1.86	0.227113847	6431.12	134.25	139.68	8/30/2004 16:55	10972:27:30	10972:03:15	104.7495028
6	80	1087	0.00021	540	14.109	0.000195835	5.55	0.227309682	6436.67	134.37	139.79	9/7/2004 16:13	11163:45:30	11163:21:15	105.6586879
22	81	1073	0.00078	541	13.927	0.000707503	20.03	0.228017185	6456.70	134.79	140.21	9/14/2004 18:48	11334:20:30	11333:56:15	106.4628652
2	81	1083	7.1E-05	541	14.057	6.49179E-05	1.84	0.228082103	6458.54	134.82	140.25	9/21/2004 16:53	11500:25:30	11500:01:15	107.2400345
-2	79	1089	-7E-05	539	14.135	-6.55198E-05	-1.86	0.228016584	6456.69	134.78	140.21	9/28/2004 21:13	11672:45:30	11672:21:15	108.0405404
13	81	1085	0.00046	541	14.083	0.000422746	11.97	0.228439329	6468.66	135.03	140.46	10/8/2004 10:21	11901:53:30	11901:29:15	109.0957912
8	80	1079	0.00028	540	14.005	0.000259192	7.34	0.228698521	6476.00	135.19	140.62	10/19/2004 14:20	12169:52:30	12169:28:15	110.3171564
10	81	1086	0.00035	541	14.096	0.000325489	9.22	0.229024009	6485.21	135.38	140.81	10/27/2004 14:09	12361:41:30	12361:17:15	111.1831447
6	80	1095	0.00021	540	14.213	0.000197276	5.59	0.229221286	6490.80	135.50	140.92	11/12/2004 16:34	12748:06:30	12747:42:15	112.9075212
13	79	1080	0.00046	539	14.018	0.000422359	11.96	0.229643644	6502.76	135.75	141.17	11/24/2004 10:58	13030:30:30	13030:06:15	114.151252
9	80	1081	0.00032	540	14.031	0.000292131	8.27	0.229935775	6511.03	135.92	141.35	12/3/2004 16:02	13251:34:30	13251:10:15	115.1154855
6	81	1090	0.00021	541	14.148	0.000196012	5.55	0.230131788	6516.58	136.04	141.46	12/15/2004 17:35	13541:07:30	13540:43:15	116.3863396
-2	80	1100	-7E-05	540	14.278	-6.6059E-05	-1.87	0.230065729	6514.71	136.00	141.42	12/23/2004 12:07	13727:39:30	13727:15:15	117.1650901
14	81	1085	0.00049	541	14.083	0.000455264	12.89	0.230520993	6527.60	136.27	141.69	12/31/2004 18:02	13925:34:30	13925:10:15	118.0066735
8	80	1081	0.00028	540	14.031	0.000259672	7.35	0.230780665	6534.96	136.42	141.85	1/10/2005 14:04	14161:36:30	14161:12:15	119.002556
11	80	1078	0.00039	540	13.992	0.000356058	10.08	0.231136723	6545.04	136.63	142.06	1/20/2005 15:08	14402:40:30	14402:16:15	120.0111453
-4	80	1094	-0.0001	540	14.200	-0.000131397	-3.72	0.231005326	6541.32	136.55	141.98	1/27/2005 16:17	14571:49:30	14571:25:15	120.7138145
4	80	1093	0.00014	540	14.187	0.000131277	3.72	0.231136603	6545.04	136.63	142.06	2/3/2005 15:26	14738:58:30	14738:34:15	121.4041803
4	80	1093	0.00014	540	14.187	0.000131277	3.72	0.231267881	6548.75	136.71	142.13	2/10/2005 14:59	14906:31:30	14906:07:15	122.0922807
9	81	1089	0.00032	541	14.135	0.000293749	8.32	0.231561629	6557.07	136.88	142.31	2/17/2005 14:00	15073:32:30	15073:08:15	122.7743526
85	70	1087	0.003	530	14.109	0.002826675	80.04	0.234388304	6637.11	138.55	143.98	2/24/2005 15:20	15242:52:30	15242:28:15	123.4620387
11	80	1080	0.00039	540	14.018	0.000356719	10.10	0.234745023	6647.21	138.76	144.19	3/3/2005 14:14	15409:46:30	15409:22:15	124.1361148
-2	79	1075	-7E-05	539	13.953	-6.46775E-05	-1.83	0.234680345	6645.38	138.72	144.15	3/10/2005 13:58	15577:30:30	15577:06:15	124.8098888
DECANISTERED 3/10/2005, sample air dried ?? Days															

SAMPLE: 983.0' to 984.0' (Riverton coal) in canister 7																											
dry sample weight:		lbs.	grams	wet sample weight:				lbs.	grams	moisture %	est. lost gas (cc) =			TIME OF:	elapsed time (off bottom to canister)												
		4.596	2084.64					4.676	2121.17	1.72%	170			off bottom	in canister	20.5 minutes											
		######														5/31/2003 12:48	0.342 hours										
RIG/LAB MEASUREMENTS	CONVERSION OF RIG/LAB MEASUREMENTS		TO STP (@60 deg				CUMULATIVE VOLUMES (@		SCF/TON	SCF/TON	TIME OF MEASU			TIME SINCE	0.584522597												
measured cc	measured T (F)	measured P (psia)	cubic ft	absolute T (F)	psia	cubic ft (@STP)	cc (@STP)	cc	cc	without lost gas	with lost gas	TIME OF MEASU	off bottom	in canister	SQRT hrs. (since off bottom)	SQRT (hrs)											
19	78	1086	0.00067	538	14.096	0.000621877	17.61	0.000621877	17.61	0.27	2.88	5/31/2003 12:52	0:25:15	0:04:45	0.648716682												
6	78	1086	0.00021	538	14.096	0.000196382	5.56	0.000182529	23.17	0.36	2.97	5/31/2003 12:54	0:26:45	0:06:15	0.667707521												
3	78	1086	0.00011	538	14.096	9.81911E-05	2.78	0.000916455	25.95	0.40	3.01	5/31/2003 12:55	0:28:15	0:07:45	0.686172962												
24	78	1086	0.00085	538	14.096	0.000785529	22.24	0.001701979	48.19	0.74	3.35	5/31/2003 13:02	0:35:15	0:14:45	0.766485486												
6	78	1086	0.00021	538	14.096	0.000196382	5.56	0.00189361	53.76	0.83	3.44	5/31/2003 13:04	0:37:15	0:16:45	0.787929777												
7	78	1086	0.00025	538	14.096	0.000229113	6.49	0.002127473	60.24	0.93	3.54	5/31/2003 13:06	0:39:15	0:18:45	0.809805704												
25	79	1086	0.00088	539	14.096	0.000816741	23.13	0.002944214	83.37	1.28	3.89	5/31/2003 13:14	0:47:15	0:26:45	0.887411967												
5	79	1086	0.00018	539	14.096	0.000163348	4.63	0.003107562	88.00	1.35	3.96	5/31/2003 13:16	0:49:15	0:28:45	0.905998528												
5	79	1086	0.00018	539	14.096	0.000163348	4.63	0.00327091	92.62	1.42	4.04	5/31/2003 13:18	0:51:00	0:30:30	0.921954446												
4	79	1086	0.00014	539	14.096	0.000130679	3.70	0.003401589	96.32	1.48	4.09	5/31/2003 13:20	0:52:30	0:32:00	0.935414347												
29	79	1086	0.00102	539	14.096	0.000947419	26.83	0.004349008	123.15	1.89	4.51	5/31/2003 13:31	1:03:45	0:43:15	1.030776406												
6	79	1086	0.00021	539	14.096	0.000196018	5.55	0.004545026	128.70	1.98	4.59	5/31/2003 13:33	1:06:00	0:45:30	1.048808848												
12	79	1086	0.00042	539	14.096	0.000392036	11.10	0.004937062	139.80	2.15	4.76	5/31/2003 13:38	1:10:30	0:50:00	1.083974717												
7	79	1086	0.00025	539	14.096	0.000228687	6.48	0.005165749	146.28	2.25	4.86	5/31/2003 13:41	1:13:30	0:53:00	1.106797181												
40	79	1086	0.00141	539	14.096	0.001306785	37.00	0.006472535	183.28	2.82	5.43	5/31/2003 13:58	1:31:00	1:10:30	1.231530213												
13	79	1086	0.00046	539	14.096	0.000424705	12.03	0.00689724	195.31	3.00	5.61	5/31/2003 14:04	1:36:30	1:16:00	1.268200825												
10	79	1086	0.00035	539	14.096	0.000326696	9.25	0.007223936	204.56	3.14	5.76	5/31/2003 14:09	1:41:30	1:21:00	1.300640868												
93	79	1087	0.00328	539	14.109	0.003041074	86.11	0.01026501	290.67	4.47	7.08	5/31/2003 15:08	2:40:30	2:20:00	1.635542723												
166	76	1085	0.00586	536	14.083	0.005448491	154.28	0.015713501	444.96	6.84	9.45	5/31/2003 17:58	5:30:30	5:10:00	2.34698388												
360	86	1086	0.01271	546	14.096	0.011610285	328.77	0.027323786	773.72	11.89	14.50	6/1/2003 2:52	14:24:30	14:04:00	3.795831046												
183	83	1087	0.00646	543	14.109	0.005939967	168.20	0.03263753	941.92	14.48	17.09	6/1/2003 8:54	20:26:30	20:06:00	4.521246141												
120	81	1085	0.00424	541	14.083	0.003902267	110.50	0.037166019	1052.42	16.17	18.79	6/1/2003 13:41	25:13:30	24:53:00	5.022449602												
278	76	1075	0.00982	536	13.953	0.009040484	256.00	0.046206503	1308.42	20.11	22.72	6/2/2003 11:05	46:37:30	46:17:00	6.828250142												
135	82	1075	0.00477	542	13.953	0.004341563	122.94	0.050548067	1431.36	22.00	24.61	6/2/2003 18:02	53:34:30	53:14:00	7.319494518												
185	80	1081	0.00653	540	14.031	0.006004915	170.04	0.058552982	1601.40	24.61	27.22	6/3/2003 9:18	68:50:30	68:30:00	8.297087843												
170	78	1082	0.006	538	14.044	0.005543667	156.98	0.062096648	1758.37	27.02	29.64	6/4/2003 9:28	93:00:30	92:40:00	9.644082815	estimate											
147	79	1082	0.00519	539	14.044	0.004784748	135.49	0.066881396	1893.86	29.11	31.72	6/5/2003 14:50	122:22:30	122:02:00	11.06232344												
118	80	1077	0.00417	540	13.979	0.003815989	108.06	0.070697385	2001.92	30.77	33.38	6/6/2003 14:09	145:41:30	145:21:00	12.07028031												
136	80	1078	0.0048	540	13.992	0.004402173	124.66	0.075099559	2126.57	32.68	35.29	6/7/2003 19:49	175:21:30	175:01:00	13.24229336												
156	81	1078	0.00551	541	13.992	0.005040218	142.72	0.080139776	2269.30	34.87	37.49	6/9/2003 14:23	217:55:30	217:35:00	14.76228302												
92	80	1075	0.00325	540	13.953	0.002989653	84.09	0.08310943	2353.39	36.17	38.78	6/10/2003 13:43	241:15:30	240:55:00	15.53249282												
80	79	1076	0.00283	539	13.966	0.002589505	73.33	0.085698934	2426.71	37.29	39.91	6/11/2003 14:01	265:33:30	265:13:00	16.29596064												
173	80	1085	0.00611	540	14.083	0.005636186	159.60	0.09133512	2586.31	39.75	42.36	6/15/2003 14:49	362:21:30	362:01:00	19.03571205												
75	80	1087	0.00265	540	14.109	0.002447937	69.32	0.093783057	2655.63	40.81	43.42	6/16/2003 13:37	385:09:30	384:49:00	19.62545116												
63	81	1085	0.00222	541	14.083	0.002048689	58.01	0.095831747	2713.64	41.70	44.32	6/17/2003 13:33	409:05:30	408:45:00	20.2260146												
57	78	1081	0.00201	538	14.031	0.001857041	52.59	0.097688788	2766.23	42.51	45.12	6/18/2003 13:53	433:25:30	433:05:00	20.81886164												
56	80	1082	0.00198	540	14.044	0.001819386	51.52	0.099508173	2817.75	43.30	45.92	6/19/2003 13:52	457:24:30	457:04:00	21.38710671												
47	79	1085	0.00166	539	14.083	0.001534059	43.44	0.101042232	2861.19	43.97	46.58	6/20/2003 14:05	481:37:30	481:17:00	21.94595635												
40	80	1082	0.00148	540	14.044	0.001364539	38.64	0.102406771	2899.83	44.56	47.18	6/21/2003 10:43	502:15:30	501:55:00	22.41112075												
72	78	1079	0.00247	538	14.005	0.002276357	64.46	0.104683129	2964.28	45.56	48.17	6/23/2003 11:20	550:52:30	550:32:00	23.47072645												
87	80	1078	0.00307	540	13.992	0.002816096	79.74	0.107499225	3044.03	46.78	49.39	6/25/2003 10:37	598:09:30	597:49:00	24.45727567												
65	80	1082	0.0023	540	14.044	0.002111787	59.80	0.109611011	3103.83	47.70	50.31	6/27/2003 15:13	650:45:30	650:25:00	25.50996537												
52	80	1086	0.00184	540	14.096	0.001695675	48.02	0.111306886	3151.84	48.44	51.05	6/29/2003 11:53	695:25:30	695:05:00	26.37091201												
57	78	1084	0.00201	538	14.070	0.001862195	52.73	0.113168881	3204.57	49.25	51.86	7/1/2003 12:52	744:24:30	744:04:00	27.28384748												
58	80	1078	0.00205	540	13.992	0.001877397	53.16	0.115046278	3257.74	50.07	52.68	7/3/2003 9:52	789:24:30	789:04:00	28.0964114												
77	82	1078	0.00272	542	13.992	0.00248321	70.32	0.117529488	3328.05	51.15	53.76	7/5/2003 20:15	847:47:30	847:27:00	29.11866224												
31	80	1081	0.00109	540	14.031	0.001006229	28.49	0.118535717	3356.55	51.58	54.20	7/7/2003 14:15	889:47:30	889:27:00	29.8293759												
35	78	1078	0.00124	538	13.992	0.001137124	32.20	0.119672841	3388.74	52.08	54.69	7/9/2003 14:25	937:57:30	937:37:00	30.62610542												
33	78	1081	0.00117	538	14.031	0.001075129	30.44	0.12074797	3419.19	52.55	55.16	7/11/2003 16:06	987:38:30	987:18:00	31.42676672												
49	80	1084	0.00173	540	14.070	0.001594905	45.16	0.122342875	3464.35	53.24	55.85	7/15/2003 14:05	1081:37:30	1081:17:00	32.88806775												
68	78	1079	0.0024	538	14.005	0.002211318	62.62	0.124554193	3526.97	54.20	56.82	7/21/2003 16:44	1228:16:30	1227:56:00	35.04675449												
65	80	1081	0.0023	540	14.031	0.002109835	59.74	0.126664028	3586.71	55.12	57.73	7/28/2003 20:42	1400:14:30	1399:54:00	37.41980314												
69	79	1079	0.00244	539	14.005	0.002239675	63.42	0.128903703	3650.13	56.10	58.71	8/4/2003 13:57	1561:29:30	1561:09:00	39.51571417												
67	78	1086	0.00237	538	14.096	0.002192934	62.10	0.131096637	3712.23	57.05	59.66	8/11/2003 14:12	1729:44:30	1729:24:00	41.5901631												
67	79	1082	0.00237	539	14.044	0.002180803	61.75	0.133277441	3773.98	58.00	60.61	8/18/2003 20:25	1903:57:30	1903:37:00	43.63437101												
74	80	1083	0.00261	540	14.057	0.002406461	68.14	0.135683851	3842.12	59.05	61.66	8/24/2003 23:00	2050:32:30	2050:12:00	45.282907												
49	80	1086	0.00173	540	14.096	0.001597848	45.25	0.137281698	3887.37	59.74	62.35	9/1/2003 15:03	2234:35:30	2234:15:00	47.27146779												
44	83	1084	0.00155	543	14.070	0.001424247	40.33	0.138705945	3927.70	60.36	62.97	9/8/2003 14:16	2401:48:30	2401:28:00	49.00824761												
41	80	1085	0.00145	540	14.083	0.001335743	37.82	0.140041689	3965																		

15	83	1088	0.00053	543	14.122	0.00048733	13.80	0.15622766	4423.86	67.99	70.60	3/8/2004 10:21	6765:53:30	6765:33:00	82.25504037
10	80	1081	0.00035	540	14.031	0.00032459	9.19	0.15655225	4433.05	68.13	70.74	3/15/2004 11:54	6935:26:30	6935:06:00	83.27929915
2	81	1097	7.1E-05	541	14.239	6.57571E-05	1.86	0.156618007	4434.91	68.16	70.77	3/22/2004 10:15	7101:47:30	7101:27:00	84.27212865
8	81	1088	0.00028	541	14.122	0.00026087	7.39	0.156878878	4442.30	68.27	70.88	3/30/2004 20:45	7304:17:30	7303:57:00	85.46514884
17	83	1080	0.0006	543	14.018	0.000548247	15.52	0.157427124	4457.82	68.51	71.12	4/6/2004 14:52	7466:24:30	7466:04:00	86.40838115
0	81	1086	0	541	14.096	0	0.00	0.157427124	4457.82	68.51	71.12	4/12/2004 15:09	7610:41:30	7610:21:00	87.23927823
8	81	1088	0.00028	541	14.122	0.00026087	7.39	0.157678955	4465.21	68.62	71.23	4/19/2004 14:39	7778:11:30	7777:51:00	88.19405687
4	80	1090	0.00014	540	14.148	0.000130917	3.71	0.157818912	4468.92	68.68	71.29	4/26/2004 11:42	7943:14:30	7942:54:00	89.12486559
8	80	1083	0.00028	540	14.057	0.000280152	7.37	0.158079064	4476.28	68.79	71.40	5/3/2004 20:05	8119:37:30	8119:17:00	90.10896182
16	80	1081	0.00057	540	14.031	0.000519344	14.71	0.158598408	4490.99	69.02	71.63	5/10/2004 14:09	8281:41:30	8281:21:00	91.00380029
7	80	1082	0.00025	540	14.044	0.000227423	6.44	0.158825831	4497.43	69.12	71.73	5/17/2004 9:51	8445:23:30	8445:03:00	91.89881211
12	80	1075	0.00042	540	13.953	0.000387346	10.97	0.159213177	4508.40	69.29	71.90	5/24/2004 10:39	8614:11:30	8613:51:00	92.81266975
12	80	1077	0.00042	540	13.979	0.000388067	10.99	0.159601244	4519.39	69.45	72.07	6/1/2004 11:01	8806:33:30	8806:13:00	93.84326472
13	82	1076	0.00046	542	13.966	0.000418465	11.85	0.160019709	4531.24	69.64	72.25	6/7/2004 10:42	8950:14:30	8949:54:00	94.60571688
10	83	1078	0.00035	543	13.992	0.000321901	9.12	0.16034161	4540.35	69.78	72.39	6/14/2004 10:56	9118:28:30	9118:08:00	95.49070635
5	81	1082	0.00018	541	14.044	0.000162145	4.59	0.160503755	4544.94	69.85	72.46	6/23/2004 16:35	9340:07:30	9339:47:00	96.64432213
6	81	1083	0.00021	541	14.057	0.000194754	5.51	0.160698509	4550.46	69.93	72.54	7/1/2004 14:00	9529:32:30	9529:12:00	97.61937137
-6	73	1082	-0.0002	533	14.044	-0.000197494	-5.59	0.160501015	4544.87	69.85	72.46	7/7/2004 10:41	9670:13:30	9669:53:00	98.33730218
13	81	1082	0.00046	541	14.044	0.000421577	11.94	0.160922591	4556.80	70.03	72.64	7/13/2004 14:28	9818:00:30	9817:40:00	99.08586344
8	81	1080	0.00028	541	14.018	0.000258952	7.33	0.161181544	4564.14	70.14	72.75	7/19/2004 11:28	9959:00:30	9958:40:00	99.7948312
-3	80	1091	-0.0001	540	14.161	-9.82778E-05	-2.78	0.161083266	4561.35	70.10	72.71	7/26/2004 10:29	10126:01:30	10125:41:00	100.6281521
14	82	1079	0.00049	542	14.005	0.000451912	12.80	0.161535177	4574.15	70.30	72.91	8/2/2004 14:49	10298:21:30	10298:01:00	101.4808274
2	81	1086	7.1E-05	541	14.096	6.50977E-05	1.84	0.161600275	4575.99	70.32	72.94	8/9/2004 14:12	10465:44:30	10465:24:00	102.3022075
-1	80	1088	-4E-05	540	14.122	-3.26692E-05	-0.93	0.161567606	4575.07	70.31	72.92	8/16/2004 11:12	10630:44:30	10630:24:00	103.1054881
12	81	1076	0.00042	541	13.966	0.00038699	10.96	0.161954595	4586.03	70.48	73.09	8/23/2004 14:19	10801:51:30	10801:31:00	103.931989
-1	77	1087	-4E-05	537	14.109	-3.28215E-05	-0.93	0.161921774	4585.10	70.46	73.08	8/30/2004 16:56	10972:28:30	10972:08:00	104.7495823
3	80	1087	0.00011	540	14.109	9.79175E-05	2.77	0.162019691	4587.87	70.51	73.12	9/7/2004 16:14	11163:46:30	11163:26:00	105.6587668
15	81	1073	0.00053	541	13.927	0.000482388	13.66	0.16250208	4601.53	70.72	73.33	9/14/2004 18:49	11334:21:30	11334:01:00	106.2462935
-1	81	1084	-4E-05	541	14.070	-3.24889E-05	-0.92	0.162469591	4600.61	70.70	73.32	9/21/2004 16:54	11500:26:30	11500:06:00	107.2401122
-3	79	1089	-0.0001	539	14.135	-9.82796E-05	-2.78	0.162371311	4597.83	70.66	73.27	9/28/2004 21:14	11672:46:30	11672:26:00	108.0406174
9	81	1085	0.00032	541	14.083	0.00029267	8.29	0.162683981	4606.11	70.79	73.40	10/8/2004 10:22	11901:54:30	11901:34:00	109.0958676
6	80	1079	0.00021	540	14.005	0.000194394	5.50	0.162858375	4611.62	70.87	73.48	10/19/2004 14:21	12169:53:30	12169:33:00	110.317232
6	81	1086	0.00021	541	14.096	0.000195293	5.53	0.163053668	4617.15	70.96	73.57	10/27/2004 14:09	12361:41:30	12361:21:00	111.1831447
1	80	1095	3.5E-05	540	14.213	3.28794E-05	0.93	0.163086548	4618.08	70.97	73.58	11/12/2004 16:35	12748:07:30	12747:47:00	112.907595
9	79	1080	0.00032	539	14.018	0.000292402	8.28	0.16337895	4626.36	71.10	73.71	11/24/2004 10:55	13030:27:30	13030:07:00	114.151033
6	80	1081	0.00021	540	14.031	0.000194754	5.51	0.163573704	4631.87	71.18	73.80	12/3/2004 16:03	13251:35:30	13251:15:00	115.1155579
3	81	1090	0.00011	541	14.148	9.80062E-05	2.78	0.16367171	4634.65	71.23	73.84	12/15/2004 17:36	13541:08:30	13540:48:00	116.3664112
-3	80	1100	-0.0001	540	14.278	-9.90885E-05	-2.81	0.163572622	4631.84	71.18	73.80	12/23/2004 12:08	13727:40:30	13727:20:00	117.1651612
10	81	1085	0.00035	541	14.083	0.000325189	9.21	0.16389781	4641.05	71.32	73.94	12/31/2004 18:03	13925:35:30	13925:15:00	118.0067442
5	80	1081	0.00018	540	14.031	0.000162295	4.60	0.164080105	4645.65	71.39	74.01	1/10/2005 14:04	14161:36:30	14161:16:00	119.002556
9	80	1078	0.00032	540	13.992	0.00029132	8.25	0.164351426	4653.90	71.52	74.13	1/20/2005 15:10	14402:42:30	14402:22:00	120.0112842
-6	80	1094	-0.0002	540	14.200	-0.000197096	-5.58	0.16415433	4648.32	71.44	74.05	1/27/2005 16:18	14571:50:30	14571:30:00	120.7138835
1	80	1093	3.5E-05	540	14.187	3.28193E-05	0.93	0.164187149	4649.24	71.45	74.06	2/3/2005 15:26	14738:58:30	14738:38:00	121.4041803
3	80	1093	0.00011	540	14.187	9.8458E-05	2.79	0.164285607	4652.03	71.49	74.11	2/10/2005 15:00	14906:32:30	14906:12:00	122.0923489
DECANISTERED 2/10/2005, sample air dried 30 days															