**FINAL REPORT
P.R. GIROUARD WELL NO. 1
LAFAYETTE PARISH, LOUISIANA**

**VOLUME II
WELL TEST DATA**

**TESTING GEOPRESSURED GEOTHERMAL
RESERVOIRS IN EXISTING WELLS**

**PREPARED FOR
U.S. DEPARTMENT OF ENERGY
NEVADA OPERATIONS OFFICE
UNDER CONTRACT NO. DE-AC08-80ET27081**

**EATON OPERATING COMPANY, INC.
3100 EDLOE, SUITE 205
HOUSTON, TEXAS 77027
713-627-9764**

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VOLUME II

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APPENDIX E

DOE CONTRACT NO.
DE-AC08-80ET-27081

Eaton Industries of Houston, Inc.

Eaton Operating Co., Inc.

3100 Edloe
Houston, Texas 77027
(713) 627-9764

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/22	18:16:00	000:00:00	13141.64	6692.78
07/22	18:17:00	000:01:00	13141.63	6693.36
07/22	18:18:00	000:02:00	13141.62	6692.52
07/22	18:19:00	000:03:00	13141.60	6692.42
07/22	18:20:00	000:04:00	13141.58	6692.89
07/22	18:21:00	000:05:00	13141.64	6693.17
07/22	18:22:00	000:06:00	13141.68	6694.77
07/22	18:23:00	000:07:00	13141.59	6691.98
07/22	18:24:00	000:08:00	13141.54	6693.07
07/22	18:25:00	000:09:00	13141.53	6693.53
07/22	18:26:00	000:10:00	13141.60	6692.98
07/22	18:27:00	000:11:00	13141.54	6693.89
07/22	18:28:00	000:12:00	13141.59	6694.61
07/22	18:30:00	000:14:00	13141.55	6694.39
07/22	18:31:00	000:15:00	13141.56	6693.59
07/22	18:32:00	000:16:00	13141.57	6693.02
07/22	18:33:00	000:17:00	13141.56	6693.66
07/22	18:34:00	000:18:00	13141.52	6694.27
07/22	18:35:00	000:19:00	13141.53	6693.59
07/22	18:36:00	000:20:00	13141.52	6693.80
07/22	18:37:00	000:21:00	13141.56	6693.30
07/22	18:38:00	000:22:00	13141.53	6693.59
07/22	18:39:00	000:23:00	13141.55	6694.46
07/22	18:40:00	000:24:00	13141.49	6693.50
07/22	18:41:00	000:25:00	13141.52	6695.29
07/22	18:42:00	000:26:00	13141.61	6694.16
07/22	18:43:00	000:27:00	13141.59	6694.69
07/22	18:44:00	000:28:00	13141.56	6694.88
07/22	18:44:00	000:28:00	13141.55	6694.31
07/22	18:45:00	000:29:00	13141.58	6693.54
07/22	18:46:00	000:30:00	13141.57	6694.69
07/22	18:47:00	000:31:00	13141.60	6693.68
07/22	18:48:00	000:32:00	13141.57	6694.10
07/22	18:49:00	000:33:00	13141.57	6693.87
07/22	18:49:00	000:33:00	13141.53	6694.27
07/22	18:50:00	000:34:00	13141.54	6693.85
07/22	18:51:00	000:35:00	13141.52	6694.08
07/22	18:52:00	000:36:00	13141.53	6694.18
07/22	18:53:00	000:37:00	13141.55	6694.31
07/22	18:54:00	000:38:00	13141.58	6693.85
07/22	18:55:00	000:39:00	13141.60	6694.75
07/22	18:56:00	000:40:00	13141.64	6694.71
07/22	18:57:00	000:41:00	13141.67	6694.60
07/22	18:58:00	000:42:00	13141.72	6694.05
07/22	18:58:00	000:42:00	13141.71	6694.14
07/22	18:59:00	000:43:00	13141.74	6693.41
07/22	19:00:00	000:44:00	13141.74	6694.42
07/22	19:02:00	000:46:00	13141.65	6694.11
07/22	19:03:00	000:47:00	13141.58	6693.84
07/22	19:04:00	000:48:00	13141.57	6694.58
07/22	19:05:00	000:49:00	13141.56	6693.80
07/22	19:06:00	000:50:00	13141.52	6694.11
07/22	19:07:00	000:51:00	13141.61	6694.35
07/22	19:08:00	000:52:00	13141.67	6694.65
07/22	19:09:00	000:53:00	13141.68	6695.11
07/22	19:10:00	000:54:00	13141.73	6694.18
07/22	19:11:00	000:55:00	13141.05	6694.63

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/22	19:11:00	000:55:00	13141.78	6694.45
07/22	19:12:00	000:56:00	13141.70	6694.61
07/22	19:13:00	000:57:00	13141.65	6694.61
07/22	19:14:00	000:58:00	13141.68	6694.60
07/22	19:15:00	000:59:00	13141.70	6694.26
07/22	19:16:00	001:00:00	13141.75	6694.40
07/22	19:17:00	001:01:00	13141.77	6694.26
07/22	19:18:00	001:02:00	13141.73	6694.48
07/22	19:19:00	001:03:00	13141.76	6694.30
07/22	19:21:00	001:05:00	13141.75	6694.33
07/22	19:22:00	001:06:00	13141.67	6694.36
07/22	19:23:00	001:07:00	13141.67	6694.59
07/22	19:24:00	001:08:00	13141.67	6694.38
07/22	19:25:00	001:09:00	13141.65	6694.36
07/22	19:26:00	001:10:00	13141.69	6694.54
07/22	19:26:00	001:10:00	13141.69	6694.60
07/22	19:27:00	001:11:00	13141.69	6694.51
07/22	19:28:00	001:12:00	13141.66	6694.74
07/22	19:30:00	001:14:00	13141.70	6694.65
07/22	19:30:20	001:14:20	13141.70	6694.52
07/22	19:30:20	001:14:20	13141.66	6694.28
07/22	19:30:30	001:14:30	13141.66	6694.64
07/22	19:30:50	001:14:50	13141.70	6694.69
07/22	19:30:50	001:14:50	13141.67	6694.65

Opened well for 1st draw-down.

07/22	19:31:00	000:00:00	13106.14	6653.95
07/22	19:31:20	000:00:20	13130.07	6680.21
07/22	19:31:20	000:00:20	13134.26	6634.09
07/22	19:31:30	000:00:30	13132.63	6674.22
07/22	19:31:50	000:00:50	13133.36	6673.97
07/22	19:31:50	000:00:50	13131.56	6678.84
07/22	19:32:00	000:01:00	13130.69	6682.88
07/22	19:32:10	000:01:10	13096.48	6507.47
07/22	19:32:20	000:01:20	13057.81	6349.80
07/22	19:32:30	000:01:30	13052.04	6335.60
07/22	19:32:40	000:01:40	13047.87	6332.40
07/22	19:32:50	000:01:50	13044.74	6330.05
07/22	19:33:00	000:02:00	13041.86	6327.73
07/22	19:33:10	000:02:10	13040.11	6332.80
07/22	19:33:20	000:02:20	13039.45	6330.66
07/22	19:33:30	000:02:30	13038.14	6329.26
07/22	19:33:40	000:02:40	13037.32	6328.27
07/22	19:33:50	000:02:50	13036.72	6327.34
07/22	19:34:00	000:03:00	13036.56	6326.40
07/22	19:34:10	000:03:10	13036.67	6325.08
07/22	19:34:20	000:03:20	13036.83	6325.46
07/22	19:34:30	000:03:30	13037.01	6324.49
07/22	19:34:40	000:03:40	13037.03	6324.86
07/22	19:34:50	000:03:50	13036.89	6323.22
07/22	19:35:00	000:04:00	13036.59	6322.15
07/22	19:35:10	000:04:10	13036.14	6322.05
07/22	19:35:20	000:04:20	13035.48	6321.55
07/22	19:35:30	000:04:30	13034.84	6321.12
07/22	19:35:40	000:04:40	13034.12	6320.70
07/22	19:35:50	000:04:50	13033.11	6320.56
07/22	19:36:00	000:05:00	13032.22	6319.98
07/22	19:36:10	000:05:10	13031.27	6319.31
07/22	19:36:20	000:05:20	13030.00	6319.20

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/22	19:36:30	000:05:30	13028.89	6318.91
07/22	19:36:40	000:05:40	13027.79	6317.88
07/22	19:36:50	000:05:50	13026.32	6317.22
07/22	19:37:00	000:06:00	13025.19	6317.73
07/22	19:37:10	000:06:10	13024.06	6316.82
07/22	19:37:20	000:06:20	13022.68	6316.35
07/22	19:37:40	000:06:40	13020.07	6315.55
07/22	19:37:50	000:06:50	13018.86	6314.73
07/22	19:38:00	000:07:00	13017.69	6314.54
07/22	19:38:10	000:07:10	13016.11	6314.29
07/22	19:38:20	000:07:20	13014.93	6313.06
07/22	19:38:30	000:07:30	13013.81	6314.21
07/22	19:38:40	000:07:40	13012.37	6313.05
07/22	19:38:50	000:07:50	13012.17	6322.08
07/22	19:39:00	000:08:00	13011.27	6321.36
07/22	19:39:10	000:08:10	13009.87	6320.17
07/22	19:39:20	000:08:20	13008.64	6318.33
07/22	19:39:30	000:08:30	13007.38	6317.93
07/22	19:39:40	000:08:40	13005.90	6316.24
07/22	19:39:50	000:08:50	13005.05	6321.78
07/22	19:40:00	000:09:00	13004.26	6319.73
07/22	19:40:10	000:09:10	13003.10	6319.41
07/22	19:40:20	000:09:20	13002.00	6318.55
07/22	19:40:30	000:09:30	12999.96	6322.30
07/22	19:40:40	000:09:40	13006.84	6364.19
07/22	19:40:50	000:09:50	12994.35	6271.40
07/22	19:41:00	000:10:00	12991.79	6275.16
07/22	19:41:10	000:10:10	12990.47	6274.18
07/22	19:41:20	000:10:20	12988.86	6273.08
07/22	19:41:30	000:10:30	12987.25	6271.37
07/22	19:41:40	000:10:40	12986.02	6271.15
07/22	19:41:50	000:10:50	12984.89	6271.50
07/22	19:42:00	000:11:00	12982.34	6261.87
07/22	19:42:10	000:11:10	12981.03	6258.98
07/22	19:42:20	000:11:20	12979.81	6258.40
07/22	19:42:30	000:11:30	12978.40	6258.30
07/22	19:42:40	000:11:40	12977.33	6257.73
07/22	19:42:50	000:11:50	12975.59	6257.22
07/22	19:43:00	000:12:00	12975.12	6257.32
07/22	19:43:10	000:12:10	12974.16	6257.27
07/22	19:43:20	000:12:20	12973.27	6257.53
07/22	19:43:30	000:12:30	12972.09	6256.97
07/22	19:43:40	000:12:40	12971.24	6256.75
07/22	19:43:50	000:12:50	12970.30	6257.27
07/22	19:44:00	000:13:00	12969.16	6256.27
07/22	19:44:10	000:13:10	12968.29	6255.88
07/22	19:44:20	000:13:20	12967.43	6255.29
07/22	19:44:30	000:13:30	12966.52	6255.71
07/22	19:44:40	000:13:40	12965.51	6255.50
07/22	19:44:50	000:13:50	12964.69	6255.12
07/22	19:45:00	000:14:00	12963.78	6254.79
07/22	19:45:10	000:14:10	12962.86	6255.85
07/22	19:45:20	000:14:20	12962.01	6254.53
07/22	19:45:30	000:14:30	12961.24	6254.46
07/22	19:45:40	000:14:40	12960.30	6254.69
07/22	19:45:50	000:14:50	12959.55	6255.02
07/22	19:46:00	000:15:00	12958.58	6254.34
07/22	19:46:10	000:15:10	12957.88	6254.45
07/22	19:46:20	000:15:20	12957.19	6255.14
07/22	19:46:30	000:15:30	12956.29	6254.16

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/22	19:46:40	000:15:40	12955.57	6254.09
07/22	19:46:50	000:15:50	12954.91	6255.33
07/22	19:47:00	000:16:00	12954.05	6254.24
07/22	19:47:10	000:16:10	12953.32	6254.33
07/22	19:47:20	000:16:20	12952.64	6254.35
07/22	19:47:30	000:16:30	12952.55	6254.92
07/22	19:47:40	000:16:40	12951.97	6254.17
07/22	19:47:50	000:16:50	12951.14	6254.18
07/22	19:48:00	000:17:00	12950.56	6254.76
07/22	19:48:10	000:17:10	12949.94	6254.89
07/22	19:48:20	000:17:20	12949.14	6254.76
07/22	19:48:30	000:17:30	12948.54	6254.61
07/22	19:48:40	000:17:40	12947.86	6254.31
07/22	19:48:50	000:17:50	12947.21	6255.07
07/22	19:49:00	000:18:00	12946.64	6255.38
07/22	19:49:10	000:18:10	12946.07	6255.83
07/22	19:49:20	000:18:20	12945.48	6256.98
07/22	19:49:30	000:18:30	12944.92	6257.17
07/22	19:49:40	000:18:40	12944.37	6257.21
07/22	19:49:50	000:18:50	12943.56	6256.58
07/22	19:50:00	000:19:00	12942.94	6255.83
07/22	19:50:10	000:19:10	12942.09	6253.88
07/22	19:50:20	000:19:20	12941.31	6254.13
07/22	19:50:30	000:19:30	12940.77	6254.14
07/22	19:50:40	000:19:40	12940.20	6253.36
07/22	19:50:50	000:19:50	12939.51	6254.73
07/22	19:51:00	000:20:00	12938.89	6253.94
07/22	19:51:10	000:20:10	12938.31	6253.92
07/22	19:51:20	000:20:20	12937.65	6253.52
07/22	19:51:30	000:20:30	12937.05	6253.89
07/22	19:51:40	000:20:40	12936.51	6254.12
07/22	19:51:50	000:20:50	12935.81	6253.90
07/22	19:52:00	000:21:00	12935.31	6254.46
07/22	19:52:10	000:21:10	12934.73	6254.35
07/22	19:52:20	000:21:20	12934.11	6254.04
07/22	19:52:30	000:21:30	12933.60	6253.98
07/22	19:52:40	000:21:40	12933.09	6253.94
07/22	19:52:50	000:21:50	12932.66	6256.65
07/22	19:53:00	000:22:00	12932.20	6256.22
07/22	19:53:10	000:22:10	12931.73	6254.02
07/22	19:53:20	000:22:20	12930.74	6254.25
07/22	19:53:30	000:22:30	12930.23	6253.66
07/22	19:53:40	000:22:40	12929.64	6252.93
07/22	19:53:50	000:22:50	12928.97	6253.38
07/22	19:54:00	000:23:00	12928.48	6253.37
07/22	19:54:10	000:23:10	12927.96	6253.49
07/22	19:54:20	000:23:20	12927.30	6252.90
07/22	19:54:30	000:23:30	12926.79	6252.80
07/22	19:54:40	000:23:40	12926.12	6252.57
07/22	19:54:50	000:23:50	12925.61	6252.56
07/22	19:55:00	000:24:00	12924.36	6252.71
07/22	19:55:10	000:24:10	12924.45	6252.41
07/22	19:55:20	000:24:20	12923.27	6252.31
07/22	19:55:30	000:24:30	12923.51	6252.14
07/22	19:55:40	000:24:40	12922.87	6252.27
07/22	19:55:50	000:24:50	12922.39	6251.85
07/22	19:56:00	000:25:00	12921.90	6251.26
07/22	19:56:10	000:25:10	12921.36	6252.15
07/22	19:56:20	000:25:20	12920.88	6251.92
07/22	19:56:30	000:25:30	12920.38	6252.10

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/22	19:56:40	000:25:40	12919.84	6252.28
07/22	19:56:50	000:25:50	12919.37	6252.19
07/22	19:57:00	000:26:00	12918.90	6251.86
07/22	19:57:10	000:26:10	12918.31	6252.25
07/22	19:57:20	000:26:20	12917.80	6251.72
07/22	19:57:30	000:26:30	12917.28	6251.39
07/22	19:57:30	000:26:30	12917.17	6251.39
07/22	19:57:50	000:26:50	12916.35	6251.73
07/22	19:58:00	000:27:00	12915.87	6251.79
07/22	19:58:10	000:27:10	12915.40	6251.97
07/22	19:58:20	000:27:20	12914.88	6252.14
07/22	19:58:30	000:27:30	12914.48	6251.96
07/22	19:58:40	000:27:40	12913.93	6251.54
07/22	19:58:50	000:27:50	12913.44	6251.82
07/22	19:59:00	000:28:00	12912.99	6251.60
07/22	19:59:10	000:28:10	12912.45	6251.68
07/22	19:59:20	000:28:20	12912.00	6252.01
07/22	19:59:30	000:28:30	12911.54	6250.99
07/22	19:59:40	000:28:40	12910.93	6251.05
07/22	19:59:50	000:28:50	12910.51	6251.37
07/22	20:00:00	000:29:00	12910.09	6251.36
07/22	20:00:10	000:29:10	12909.60	6252.17
07/22	20:00:20	000:29:20	12909.16	6251.55
07/22	20:00:30	000:29:30	12908.81	6252.15
07/22	20:00:40	000:29:40	12908.27	6251.76
07/22	20:00:50	000:29:50	12907.82	6251.33
07/22	20:01:00	000:30:00	12907.40	6251.35
07/22	20:01:10	000:30:10	12906.93	6251.96
07/22	20:01:20	000:30:20	12906.53	6251.79
07/22	20:01:30	000:30:30	12906.14	6252.53
07/22	20:01:40	000:30:40	12905.65	6252.49
07/22	20:01:50	000:30:50	12905.20	6252.37
07/22	20:02:00	000:31:00	12904.84	6252.57
07/22	20:02:10	000:31:10	12904.39	6252.68
07/22	20:02:20	000:31:20	12903.96	6252.85
07/22	20:02:30	000:31:30	12903.56	6252.00
07/22	20:02:40	000:31:40	12903.02	6252.34
07/22	20:02:50	000:31:50	12902.72	6252.65
07/22	20:03:00	000:32:00	12902.20	6252.93
07/22	20:03:10	000:32:10	12901.83	6252.42
07/22	20:03:20	000:32:20	12901.42	6253.02
07/22	20:03:30	000:32:30	12900.89	6252.04
07/22	20:03:40	000:32:40	12900.44	6252.21
07/22	20:03:50	000:32:50	12900.06	6251.59
07/22	20:04:00	000:33:00	12899.53	6252.25
07/22	20:04:10	000:33:10	12899.13	6251.65
07/22	20:04:20	000:33:20	12898.77	6252.11
07/22	20:04:30	000:33:30	12898.33	6252.14
07/22	20:04:40	000:33:40	12897.93	6251.78
07/22	20:04:50	000:33:50	12897.58	6252.20
07/22	20:05:00	000:34:00	12897.12	6252.34
07/22	20:05:10	000:34:10	12896.73	6251.86
07/22	20:05:20	000:34:20	12896.34	6252.21
07/22	20:05:30	000:34:30	12895.87	6252.32
07/22	20:05:40	000:34:40	12895.50	6252.49
07/22	20:05:50	000:34:50	12895.15	6252.48
07/22	20:06:00	000:35:00	12894.65	6252.22
07/22	20:06:10	000:35:10	12894.23	6251.89
07/22	20:06:20	000:35:20	12893.87	6251.62
07/22	20:06:30	000:35:30	12893.42	6251.93

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/22	20:06:40	000:35:40	12892.96	6250.72
07/22	20:06:50	000:35:50	12892.51	6250.44
07/22	20:07:00	000:36:00	12892.00	6249.68
07/22	20:07:10	000:36:10	12891.52	6249.38
07/22	20:07:20	000:36:20	12891.23	6250.00
07/22	20:07:30	000:36:30	12890.78	6249.99
07/22	20:07:40	000:36:40	12890.36	6249.61
07/22	20:07:50	000:36:50	12889.97	6249.66
07/22	20:08:00	000:37:00	12889.54	6249.38
07/22	20:08:10	000:37:10	12889.18	6249.60
07/22	20:08:20	000:37:20	12888.79	6249.36
07/22	20:08:30	000:37:30	12888.43	6249.80
07/22	20:08:40	000:37:40	12887.95	6249.57
07/22	20:08:50	000:37:50	12887.69	6249.78
07/22	20:09:00	000:38:00	12887.32	6250.11
07/22	20:09:10	000:38:10	12886.85	6249.34
07/22	20:09:20	000:38:20	12886.43	6248.91
07/22	20:09:30	000:38:30	12886.08	6248.93
07/22	20:09:40	000:38:40	12885.59	6248.97
07/22	20:09:50	000:38:50	12885.23	6248.13
07/22	20:10:00	000:39:00	12884.83	6248.54
07/22	20:11:00	000:40:00	12882.42	6246.80
07/22	20:12:00	000:41:00	12879.38	6240.45
07/22	20:13:00	000:42:00	12876.58	6238.19
07/22	20:14:00	000:43:00	12875.37	6233.64
07/22	20:15:00	000:44:00	12871.51	6232.13
07/22	20:16:00	000:45:00	12868.88	6229.68
07/22	20:17:00	000:46:00	12866.65	6229.75
07/22	20:18:00	000:47:00	12864.40	6229.57
07/22	20:19:00	000:48:00	12860.66	6228.72
07/22	20:20:00	000:49:00	12859.81	6226.54
07/22	20:21:00	000:50:00	12857.50	6224.44
07/22	20:22:00	000:51:00	12855.70	6222.65
07/22	20:22:00	000:51:00	12855.28	6222.44
07/22	20:23:00	000:52:00	12853.01	6221.32
07/22	20:24:00	000:53:00	12850.74	6219.48
07/22	20:25:00	000:54:00	12848.54	6217.59
07/22	20:26:00	000:55:00	12846.34	6215.57
07/22	20:27:00	000:56:00	12844.20	6213.77
07/22	20:28:00	000:57:00	12842.25	6212.01
07/22	20:28:00	000:57:00	12841.17	6211.64
07/22	20:29:00	000:58:00	12839.64	6209.84
07/22	20:30:00	000:59:00	12837.66	6209.34
07/22	20:31:00	001:00:00	12835.62	6207.78
07/22	20:32:00	001:01:00	12833.52	6206.13
07/22	20:33:00	001:02:00	12831.63	6205.96
07/22	20:34:00	001:03:00	12829.57	6204.45
07/22	20:35:00	001:04:00	12827.54	6202.82
07/22	20:36:00	001:05:00	12825.66	6202.22
07/22	20:37:00	001:06:00	12823.74	6200.37
07/22	20:38:00	001:07:00	12821.70	6198.72
07/22	20:39:00	001:08:00	12819.75	6198.02
07/22	20:40:00	001:09:00	12817.73	6195.12
07/22	20:41:00	001:10:00	12815.82	6194.32
07/22	20:42:00	001:11:00	12813.86	6192.00
07/22	20:43:00	001:12:00	12811.88	6191.13
07/22	20:44:00	001:13:00	12809.96	6188.09
07/22	20:45:00	001:14:00	12808.08	6187.64
07/22	20:46:00	001:15:00	12806.16	6185.35
07/22	20:47:00	001:16:00	12804.18	6183.41

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/22	20:48:00	001:17:00	12802.24	6182.96
07/22	20:49:00	001:18:00	12800.32	6179.40
07/22	20:50:00	001:19:00	12798.47	6178.27
07/22	20:52:00	001:21:00	12794.81	6174.59
07/22	20:53:00	001:22:00	12793.27	6174.50
07/22	20:53:00	001:22:00	12793.02	6173.97
07/22	20:53:00	001:22:00	12792.96	6173.97
07/22	20:54:00	001:23:00	12791.25	6172.63
07/22	20:55:00	001:24:00	12789.40	6170.56
07/22	20:56:00	001:25:00	12787.62	6167.73
07/22	20:57:00	001:26:00	12785.92	6166.11
07/22	20:58:00	001:27:00	12784.11	6164.72
07/22	20:59:00	001:28:00	12782.32	6163.67
07/22	21:00:00	001:29:00	12780.59	6162.62
07/22	21:01:00	001:30:00	12778.84	6160.73
07/22	21:02:00	001:31:00	12777.13	6159.42
07/22	21:03:00	001:32:00	12775.44	6157.52
07/22	21:04:00	001:33:00	12773.73	6155.82
07/22	21:05:00	001:34:00	12772.07	6154.22
07/22	21:06:00	001:35:00	12770.30	6153.35
07/22	21:07:00	001:36:00	12768.60	6150.64
07/22	21:08:00	001:37:00	12767.05	6150.32
07/22	21:09:00	001:38:00	12765.38	6148.77
07/22	21:10:00	001:39:00	12763.78	6146.67
07/22	21:11:00	001:40:00	12762.05	6145.54
07/22	21:12:00	001:41:00	12760.42	6143.49
07/22	21:13:00	001:42:00	12758.79	6142.45
07/22	21:14:00	001:43:00	12757.18	6141.12
07/22	21:15:00	001:44:00	12755.54	6139.53
07/22	21:16:00	001:45:00	12753.91	6137.83
07/22	21:17:00	001:46:00	12752.26	6135.33
07/22	21:18:00	001:47:00	12750.71	6133.94
07/22	21:19:00	001:48:00	12749.12	6131.37
07/22	21:20:00	001:49:00	12747.60	6129.25
07/22	21:21:00	001:50:00	12746.02	6126.70
07/22	21:22:00	001:51:00	12744.53	6124.75
07/22	21:23:00	001:52:00	12742.92	6121.39
07/22	21:24:00	001:53:00	12741.23	6118.11
07/22	21:25:00	001:54:00	12739.69	6115.88
07/22	21:26:00	001:55:00	12738.18	6113.63
07/22	21:27:00	001:56:00	12736.62	6111.47
07/22	21:28:00	001:57:00	12735.09	6109.26
07/22	21:29:00	001:58:00	12733.60	6107.46
07/22	21:30:00	001:59:00	12732.04	6104.75
07/22	21:31:00	002:00:00	12730.52	6101.94
07/22	21:32:00	002:01:00	12728.99	6099.50
07/22	21:33:00	002:02:00	12727.43	6096.76
07/22	21:34:00	002:03:00	12725.93	6094.76
07/22	21:35:00	002:04:00	12724.31	6092.75
07/22	21:36:00	002:05:00	12722.80	6091.10
07/22	21:37:00	002:06:00	12721.38	6089.16
07/22	21:39:00	002:08:00	12718.52	6085.28
07/22	21:40:00	002:09:00	12717.05	6084.05
07/22	21:41:00	002:10:00	12715.62	6083.32
07/22	21:42:00	002:11:00	12714.14	6083.04
07/22	21:43:00	002:12:00	12712.69	6080.28
07/22	21:44:00	002:13:00	12711.23	6078.96
07/22	21:45:00	002:14:00	12709.77	6077.49
07/22	21:46:00	002:15:00	12708.42	6076.21
07/22	21:47:00	002:16:00	12706.97	6075.46

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/22	21:48:00	002:17:00	12705.45	6073.47
07/22	21:49:00	002:18:00	12704.11	6072.37
07/22	21:50:00	002:19:00	12702.65	6068.93
07/22	21:51:00	002:20:00	12701.27	6067.90
07/22	21:52:00	002:21:00	12699.89	6067.03
07/22	21:53:00	002:22:00	12698.49	6065.48
07/22	21:54:00	002:23:00	12697.06	6064.35
07/22	21:55:00	002:24:00	12695.73	6063.30
07/22	21:56:00	002:25:00	12694.34	6062.18
07/22	21:57:00	002:26:00	12692.91	6060.39
07/22	21:58:00	002:27:00	12691.57	6057.64
07/22	21:59:00	002:28:00	12690.19	6051.92
07/22	22:00:00	002:29:00	12688.81	6049.31
07/22	22:01:00	002:30:00	12687.42	6047.80
07/22	22:02:00	002:31:00	12686.06	6046.84
07/22	22:03:00	002:32:00	12684.73	6045.05
07/22	22:04:00	002:33:00	12683.35	6044.18
07/22	22:05:00	002:34:00	12681.98	6043.18
07/22	22:06:00	002:35:00	12680.64	6039.59
07/22	22:07:00	002:36:00	12679.31	6037.53
07/22	22:08:00	002:37:00	12677.91	6036.18
07/22	22:09:00	002:38:00	12676.57	6070.87
07/22	22:10:00	002:39:00	12675.23	6070.02
07/22	22:12:00	002:41:00	12672.63	6067.51
07/22	22:13:00	002:42:00	12671.52	6066.62
07/22	22:13:00	002:42:00	12671.33	6066.57
07/22	22:14:00	002:43:00	12670.04	6065.23
07/22	22:15:00	002:44:00	12668.75	6064.28
07/22	22:16:00	002:45:00	12667.42	6063.11
07/22	22:17:00	002:46:00	12666.14	6062.04
07/22	22:18:00	002:47:00	12664.77	6060.47
07/22	22:19:00	002:48:00	12663.50	6059.36
07/22	22:20:00	002:49:00	12662.15	6058.23
07/22	22:21:00	002:50:00	12660.93	6057.53
07/22	22:22:00	002:51:00	12659.65	6056.08
07/22	22:23:00	002:52:00	12658.33	6054.93
07/22	22:24:00	002:53:00	12657.10	6054.01
07/22	22:25:00	002:54:00	12655.86	6052.87
07/22	22:26:00	002:55:00	12654.50	6051.76
07/22	22:27:00	002:56:00	12653.24	6050.39
07/22	22:28:00	002:57:00	12652.01	6049.50
07/22	22:29:00	002:58:00	12650.73	6048.36
07/22	22:30:00	002:59:00	12649.49	6047.17
07/22	22:31:00	003:00:00	12648.41	6046.12
07/22	22:31:00	003:00:00	12648.24	6045.88
07/22	22:32:00	003:01:00	12646.94	6045.10
07/22	22:33:00	003:02:00	12645.75	6044.02
07/22	22:34:00	003:03:00	12644.40	6042.32
07/22	22:35:00	003:04:00	12643.18	6041.16
07/22	22:36:00	003:05:00	12641.92	6039.97
07/22	22:37:00	003:06:00	12640.72	6039.00
07/22	22:38:00	003:07:00	12639.45	6037.93
07/22	22:39:00	003:08:00	12638.25	6036.98
07/22	22:41:00	003:10:00	12635.82	6034.70
07/22	22:42:00	003:11:00	12634.60	6033.77
07/22	22:43:00	003:12:00	12633.41	6032.77
07/22	22:44:00	003:13:00	12632.18	6031.60
07/22	22:45:00	003:14:00	12630.93	6030.11
07/22	22:46:00	003:15:00	12629.83	6029.63
07/22	22:47:00	003:16:00	12628.61	6028.48

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/22	22:48:00	003:17:00	12627.43	6027.44
07/22	22:49:00	003:18:00	12626.21	6026.55
07/22	22:50:00	003:19:00	12625.21	6025.64
07/22	22:50:00	003:19:00	12625.04	6025.61
07/22	22:51:00	003:20:00	12623.87	6024.54
07/22	22:52:00	003:21:00	12622.68	6023.46
07/22	22:55:00	003:24:00	12619.13	6020.52
07/22	23:00:00	003:29:00	12613.66	6014.71
07/22	23:05:00	003:34:00	12607.61	6009.42
07/22	23:10:00	003:39:00	12602.28	6006.33
07/22	23:15:00	003:44:00	12596.75	6001.83
07/22	23:20:00	003:49:00	12591.31	5996.74
07/22	23:25:00	003:54:00	12585.67	5991.10
07/22	23:30:00	003:59:00	12580.22	5985.71
07/22	23:35:00	004:04:00	12574.75	5980.59
07/22	23:40:00	004:09:00	12569.37	5975.23
07/22	23:45:00	004:14:00	12563.82	5968.89
07/22	23:50:00	004:19:00	12558.49	5963.81
07/22	23:55:00	004:24:00	12553.21	5958.58
07/23	00:00:00	004:29:00	12548.01	5953.81
07/23	00:05:00	004:34:00	12542.89	5948.98
07/23	00:10:00	004:39:00	12537.75	5943.98
07/23	00:15:00	004:44:00	12532.80	5939.60
07/23	00:20:00	004:49:00	12527.78	5934.85
07/23	00:25:00	004:54:00	12522.88	5930.42
07/23	00:30:00	004:59:00	12518.03	5925.96
07/23	00:35:00	005:04:00	12513.23	5921.69
07/23	00:40:00	005:09:00	12508.97	5916.91
07/23	00:45:00	005:14:00	12503.83	5912.73
07/23	00:50:00	005:19:00	12499.29	5909.32
07/23	00:55:00	005:24:00	12494.51	5903.87
07/23	01:00:00	005:29:00	12489.84	5899.64
07/23	01:05:00	005:34:00	12485.17	5895.04
07/23	01:10:00	005:39:00	12480.69	5891.02
07/23	01:15:00	005:44:00	12476.24	5887.04
07/23	01:20:00	005:49:00	12471.84	5882.98
07/23	01:25:00	005:54:00	12467.35	5878.83
07/23	01:30:00	005:59:00	12463.02	5874.85
07/23	01:35:00	006:04:00	12458.73	5871.12
07/23	01:40:00	006:09:00	12454.41	5867.31
07/23	01:45:00	006:14:00	12450.24	5863.36
07/23	01:50:00	006:19:00	12446.00	5859.38
07/23	01:55:00	006:24:00	12441.84	5855.39
07/23	02:00:00	006:29:00	12437.65	5851.65
07/23	02:05:00	006:34:00	12433.49	5847.30
07/23	02:10:00	006:39:00	12429.30	5843.30
07/23	02:15:00	006:44:00	12425.26	5839.72
07/23	02:20:00	006:49:00	12421.34	5836.45
07/23	02:25:00	006:54:00	12417.33	5832.61
07/23	02:30:00	006:59:00	12413.38	5829.13
07/23	02:35:00	007:04:00	12409.64	5826.26
07/23	02:40:00	007:09:00	12405.88	5823.37
07/23	02:45:00	007:14:00	12402.24	5820.72
07/23	02:50:00	007:19:00	12398.66	5818.02
07/23	02:55:00	007:24:00	12394.80	5813.74
07/23	03:00:00	007:29:00	12391.02	5809.88
07/23	03:05:00	007:34:00	12387.29	5806.59
07/23	03:10:00	007:39:00	12383.59	5803.31
07/23	03:15:00	007:44:00	12379.80	5798.96
07/23	03:20:00	007:49:00	12376.00	5794.58

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/23	03:25:00	007:54:00	12372.26	5790.89
07/23	03:30:00	007:59:00	12368.54	5786.72
07/23	03:35:00	008:04:00	12364.77	5782.47
07/23	03:40:00	008:09:00	12360.85	5777.32
07/23	03:45:00	008:14:00	12356.86	5771.23
07/23	03:45:00	008:14:00	12356.65	5771.03
07/23	03:50:00	008:19:00	12352.46	5764.81
07/23	04:00:00	008:29:00	12344.54	5755.40
07/23	04:05:00	008:34:00	12340.73	5751.36
07/23	04:10:00	008:39:00	12336.94	5747.30
07/23	04:15:00	008:44:00	12333.19	5743.29
07/23	04:20:00	008:49:00	12329.68	5740.33
07/23	04:25:00	008:54:00	12326.10	5736.03
07/23	04:30:00	008:59:00	12322.51	5732.24
07/23	04:35:00	009:04:00	12318.60	5726.80
07/23	04:40:00	009:09:00	12314.44	5720.10
07/23	04:45:00	009:14:00	12310.35	5714.29
07/23	04:50:00	009:19:00	12306.35	5708.48
07/23	04:55:00	009:24:00	12301.59	5702.92
07/23	05:00:00	009:29:00	12298.31	5697.75
07/23	05:05:00	009:34:00	12294.29	5692.59
07/23	05:10:00	009:39:00	12290.37	5687.39
07/23	05:15:00	009:44:00	12286.24	5681.25
07/23	05:20:00	009:49:00	12282.59	5677.97
07/23	05:25:00	009:54:00	12278.75	5673.40
07/23	05:30:00	009:59:00	12275.13	5669.54
07/23	05:35:00	010:04:00	12271.54	5665.69
07/23	05:40:00	010:09:00	12268.04	5662.35
07/23	05:45:00	010:14:00	12264.52	5658.95
07/23	05:50:00	010:19:00	12261.06	5655.57
07/23	05:55:00	010:24:00	12257.59	5651.99
07/23	06:00:00	010:29:00	12254.20	5648.28
07/23	06:05:00	010:34:00	12250.79	5644.34
07/23	06:10:00	010:39:00	12247.47	5641.19
07/23	06:15:00	010:44:00	12244.22	5637.91
07/23	06:20:00	010:49:00	12240.90	5634.59
07/23	06:25:00	010:54:00	12237.66	5631.43
07/23	06:30:00	010:59:00	12234.36	5628.13
07/23	06:35:00	011:04:00	12231.20	5625.16
07/23	06:45:00	011:14:00	12224.93	5618.90
07/23	06:50:00	011:19:00	12221.80	5615.64
07/23	06:55:00	011:24:00	12218.55	5611.93
07/23	07:00:00	011:29:00	12215.32	5608.10
07/23	07:05:00	011:34:00	12212.12	5604.21
07/23	07:10:00	011:39:00	12208.93	5601.08
07/23	07:15:00	011:44:00	12205.80	5598.00
07/23	07:20:00	011:49:00	12202.73	5594.54
07/23	07:25:00	011:54:00	12199.57	5591.24
07/23	07:30:00	011:59:00	12196.46	5587.64
07/23	07:35:00	012:04:00	12193.38	5583.81
07/23	07:40:00	012:09:00	12190.32	5580.55
07/23	07:45:00	012:14:00	12187.31	5577.90
07/23	07:50:00	012:19:00	12184.26	5574.58
07/23	07:55:00	012:24:00	12181.35	5571.62
07/23	08:00:00	012:29:00	12178.36	5568.50
07/23	08:05:00	012:34:00	12175.35	5564.48
07/23	08:10:00	012:39:00	12172.42	5562.12
07/23	08:15:00	012:44:00	12169.39	5558.62
07/23	08:20:00	012:49:00	12166.54	5555.70
07/23	08:25:00	012:54:00	12163.51	5552.58

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/23	08:30:00	012:59:00	12160.53	5548.15
07/23	08:35:00	013:04:00	12157.52	5544.66
07/23	08:40:00	013:09:00	12154.50	5540.31
07/23	08:45:00	013:14:00	12151.56	5537.79
07/23	08:50:00	013:19:00	12148.59	5534.41
07/23	08:55:00	013:24:00	12145.57	5530.43
07/23	09:00:00	013:29:00	12142.59	5528.35
07/23	09:05:00	013:34:00	12139.58	5523.60
07/23	09:10:00	013:39:00	12136.56	5518.72
07/23	09:15:00	013:44:00	12133.61	5513.09
07/23	09:20:00	013:49:00	12130.71	5511.46
07/23	09:25:00	013:54:00	12127.80	5509.03
07/23	09:35:00	014:04:00	12122.02	5502.08
07/23	09:40:00	014:09:00	12119.15	5499.14
07/23	09:45:00	014:14:00	12116.25	5497.11
07/23	09:50:00	014:19:00	12113.46	5494.05
07/23	09:55:00	014:24:00	12110.71	5489.86
07/23	10:00:00	014:29:00	12107.80	5487.42
07/23	10:05:00	014:34:00	12105.09	5485.62
07/23	10:10:00	014:39:00	12102.33	5481.99
07/23	10:15:00	014:44:00	12099.59	5477.45
07/23	10:20:00	014:49:00	12096.85	5475.69
07/23	10:25:00	014:54:00	12094.15	5472.92
07/23	10:30:00	014:59:00	12091.40	5469.57
07/23	10:35:00	015:04:00	12088.71	5467.02
07/23	10:40:00	015:09:00	12086.03	5464.91
07/23	10:45:00	015:14:00	12083.33	5463.31
07/23	10:50:00	015:19:00	12080.67	5458.48
07/23	10:55:00	015:24:00	12077.99	5456.50
07/23	11:00:00	015:29:00	12075.46	5453.96
07/23	11:05:00	015:34:00	12072.65	5449.43
07/23	11:14:00	015:43:00	12067.99	5443.74
07/23	11:15:00	015:44:00	12067.41	5442.12
07/23	11:16:00	015:45:00	12066.90	5439.37
07/23	11:17:00	015:46:00	12066.37	5437.77
07/23	11:19:00	015:48:00	12065.37	5436.42
07/23	11:20:00	015:49:00	12064.53	5436.56
07/23	11:21:00	015:50:00	12063.88	5436.21
07/23	11:22:00	015:51:00	12063.37	5435.41
07/23	11:23:00	015:52:00	12062.68	5434.80
07/23	11:24:00	015:53:00	12061.94	5431.03
07/23	11:25:00	015:54:00	12061.57	5434.35
07/23	11:26:00	015:55:00	12061.16	5434.40
07/23	11:27:00	015:56:00	12060.65	5432.21
07/23	11:28:00	015:57:00	12060.16	5433.65
07/23	11:29:00	015:58:00	12059.59	5429.68
07/23	11:30:00	015:59:00	12059.10	5430.35
07/23	11:31:00	016:00:00	12058.56	5431.71
07/23	11:32:00	016:01:00	12058.05	5429.36
07/23	11:33:00	016:02:00	12057.52	5428.63
07/23	11:34:00	016:03:00	12056.96	5427.64
07/23	11:35:00	016:04:00	12056.49	5426.90
07/23	11:36:00	016:05:00	12055.89	5425.34
07/23	11:37:00	016:06:00	12055.58	5425.06
07/23	11:38:00	016:07:00	12055.09	5426.54
07/23	11:39:00	016:08:00	12054.56	5426.86
07/23	11:40:00	016:09:00	12054.03	5426.35
07/23	11:41:00	016:10:00	12053.52	5425.14
07/23	11:42:00	016:11:00	12053.09	5423.56
07/23	11:43:00	016:12:00	12052.55	5423.94

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/23	11:44:00	016:13:00	12051.99	5421.73
07/23	11:45:00	016:14:00	12051.53	5422.53
07/23	11:46:00	016:15:00	12051.02	5421.67
07/23	11:47:00	016:16:00	12050.51	5422.43
07/23	11:48:00	016:17:00	12049.95	5423.02
07/23	11:49:00	016:18:00	12049.48	5422.36
07/23	11:50:00	016:19:00	12048.99	5425.09
07/23	11:51:00	016:20:00	12048.44	5423.86
07/23	11:52:00	016:21:00	12047.92	5421.54
07/23	11:53:00	016:22:00	12047.38	5419.47
07/23	11:54:00	016:23:00	12046.92	5419.18
07/23	11:55:00	016:24:00	12046.30	5416.84
07/23	11:56:00	016:25:00	12045.83	5416.81
07/23	11:57:00	016:26:00	12045.36	5415.97
07/23	11:58:00	016:27:00	12044.88	5416.85
07/23	11:59:00	016:28:00	12044.43	5417.10
07/23	12:00:00	016:29:00	12043.92	5414.60
07/23	12:02:00	016:31:00	12042.93	5414.27
07/23	12:03:00	016:32:00	12042.46	5414.28
07/23	12:04:00	016:33:00	12041.97	5416.32
07/23	12:05:00	016:34:00	12041.43	5414.83
07/23	12:06:00	016:35:00	12040.71	5413.55
07/23	12:07:00	016:36:00	12040.01	5412.36
07/23	12:08:00	016:37:00	12039.55	5411.51
07/23	12:09:00	016:38:00	12039.59	5414.82
07/23	12:10:00	016:39:00	12039.18	5413.31
07/23	12:11:00	016:40:00	12038.78	5411.58
07/23	12:12:00	016:41:00	12038.37	5410.88
07/23	12:13:00	016:42:00	12037.89	5411.14
07/23	12:14:00	016:43:00	12037.45	5412.81
07/23	12:15:00	016:44:00	12036.95	5411.63
07/23	12:16:00	016:45:00	12036.46	5411.79
07/23	12:17:00	016:46:00	12036.00	5408.68
07/23	12:18:00	016:47:00	12035.43	5410.83
07/23	12:19:00	016:48:00	12035.01	5410.00
07/23	12:20:00	016:49:00	12034.57	5409.70
07/23	12:21:00	016:50:00	12034.21	5408.33
07/23	12:22:00	016:51:00	12033.59	5408.05
07/23	12:23:00	016:52:00	12033.02	5410.25
07/23	12:24:00	016:53:00	12032.48	5408.90
07/23	12:25:00	016:54:00	12032.01	5406.50
07/23	12:26:00	016:55:00	12031.50	5405.82
07/23	12:27:00	016:56:00	12031.09	5404.84
07/23	12:28:00	016:57:00	12030.60	5404.14
07/23	12:29:00	016:58:00	12030.09	5404.28
07/23	12:30:00	016:59:00	12029.69	5406.06
07/23	12:31:00	017:00:00	12029.19	5403.30
07/23	12:32:00	017:01:00	12028.70	5402.46
07/23	12:33:00	017:02:00	12028.27	5402.29
07/23	12:34:00	017:03:00	12027.80	5402.42
07/23	12:35:00	017:04:00	12027.42	5403.47
07/23	12:36:00	017:05:00	12026.90	5403.26
07/23	12:37:00	017:06:00	12026.36	5402.60
07/23	12:38:00	017:07:00	12025.94	5403.21
07/23	12:39:00	017:08:00	12025.47	5403.39
07/23	12:40:00	017:09:00	12025.00	5405.36
07/23	12:41:00	017:10:00	12024.49	5403.19
07/23	12:42:00	017:11:00	12024.05	5401.97
07/23	12:43:00	017:12:00	12023.59	5399.58
07/23	12:45:00	017:14:00	12022.64	5397.53

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/23	12:46:00	017:15:00	12022.23	5396.50
07/23	12:47:00	017:16:00	12021.74	5396.53
07/23	12:48:00	017:17:00	12021.32	5394.08
07/23	12:49:00	017:18:00	12020.81	5394.00
07/23	12:49:30	017:18:30	12020.56	5393.38
07/23	12:49:40	017:18:40	12020.52	5393.71
07/23	12:50:00	017:19:00	12020.38	5393.90
07/23	12:55:00	017:24:00	12018.05	5391.97
07/23	13:00:00	017:29:00	12015.64	5389.05
07/23	13:05:00	017:34:00	12013.36	5389.83
07/23	13:10:00	017:39:00	12010.94	5381.69
07/23	13:15:00	017:44:00	12008.54	5383.28
07/23	13:20:00	017:49:00	12006.49	5379.15
07/23	13:25:00	017:54:00	12004.14	5371.44
07/23	13:30:00	017:59:00	12004.95	5393.96
07/23	13:35:00	018:04:00	12002.95	5391.90
07/23	13:40:00	018:09:00	12000.86	5385.70
07/23	13:45:00	018:14:00	11998.78	5381.65
07/23	13:50:00	018:19:00	11992.18	5351.30
07/23	13:55:00	018:24:00	11989.08	5349.22
07/23	14:00:00	018:29:00	11986.03	5345.03
07/23	14:05:00	018:34:00	11983.64	5342.73
07/23	14:10:00	018:39:00	11981.15	5342.10
07/23	14:15:00	018:44:00	11978.72	5342.02
07/23	14:20:00	018:49:00	11976.32	5338.83
07/23	14:25:00	018:54:00	11974.01	5338.93
07/23	14:30:00	018:59:00	11971.82	5338.89
07/23	14:35:00	019:04:00	11969.73	5335.67
07/23	14:40:00	019:09:00	11967.53	5333.00
07/23	14:45:00	019:14:00	11965.45	5330.54
07/23	14:50:00	019:19:00	11963.30	5328.97
07/23	14:55:00	019:24:00	11961.11	5326.19
07/23	15:00:00	019:29:00	11959.01	5323.75
07/23	15:05:00	019:34:00	11956.88	5321.83
07/23	15:10:00	019:39:00	11954.61	5317.81
07/23	15:15:00	019:44:00	11952.50	5319.76
07/23	15:20:00	019:49:00	11950.42	5317.85
07/23	15:25:00	019:54:00	11948.29	5313.62
07/23	15:30:00	019:59:00	11946.18	5312.73
07/23	15:35:00	020:04:00	11944.12	5310.29
07/23	15:40:00	020:09:00	11941.95	5306.87
07/23	15:45:00	020:14:00	11939.90	5307.76
07/23	15:50:00	020:19:00	11937.90	5303.99
07/23	15:55:00	020:24:00	11935.89	5301.65
07/23	16:00:00	020:29:00	11933.87	5300.49
07/23	16:05:00	020:34:00	11931.77	5298.83
07/23	16:10:00	020:39:00	11929.69	5297.73
07/23	16:15:00	020:44:00	11927.69	5295.03
07/23	16:20:00	020:49:00	11925.62	5294.23
07/23	16:25:00	020:54:00	11923.62	5290.07
07/23	16:30:00	020:59:00	11921.62	5287.71
07/23	16:35:00	021:04:00	11919.64	5287.24
07/23	16:40:00	021:09:00	11917.61	5282.81
07/23	16:45:00	021:14:00	11915.63	5281.62
07/23	16:50:00	021:19:00	11913.77	5281.16
07/23	16:55:00	021:24:00	11911.84	5281.12
07/23	17:00:00	021:29:00	11909.79	5278.33
07/23	17:05:00	021:34:00	11907.92	5276.19
07/23	17:10:00	021:39:00	11906.35	5275.76
07/23	17:15:00	021:44:00	11904.40	5273.24

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/23	17:20:00	021:49:00	11902.43	5271.19
07/23	17:25:00	021:54:00	11900.57	5268.22
07/23	17:30:00	021:59:00	11898.64	5266.58
07/23	17:40:00	022:09:00	11894.88	5262.09
07/23	17:45:00	022:14:00	11892.88	5259.73
07/23	17:50:00	022:19:00	11890.96	5257.84
07/23	17:55:00	022:24:00	11889.11	643.93
07/23	18:05:00	022:34:00	11885.28	5249.72
07/23	18:10:00	022:39:00	11883.34	5247.71
07/23	18:15:00	022:44:00	11881.26	5245.06
07/23	18:20:00	022:49:00	11879.32	5241.98
07/23	18:25:00	022:54:00	11877.31	5239.11
07/23	18:30:00	022:59:00	11875.50	5237.52
07/23	18:35:00	023:04:00	11873.71	5236.77
07/23	18:40:00	023:09:00	11871.71	5234.50
07/23	18:45:00	023:14:00	11869.80	5231.95
07/23	18:50:00	023:19:00	11867.89	5229.52
07/23	18:55:00	023:24:00	11865.93	5227.47
07/23	19:00:00	023:29:00	11864.02	5224.83
07/23	19:05:00	023:34:00	11862.19	5222.89
07/23	19:10:00	023:39:00	11860.51	5221.65
07/23	19:15:00	023:44:00	11858.75	5220.58
07/23	19:20:00	023:49:00	11856.85	5219.83
07/23	19:25:00	023:54:00	11854.94	5216.92

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/23	19:28:00	023:57:00	11853.85	5215.42
07/23	19:29:00	023:58:00	11853.49	5215.01
07/23	19:30:00	023:59:00	11853.10	5214.63
07/23	19:31:00	024:00:00	11852.76	5214.18
07/23	19:32:00	024:01:00	11852.35	5213.37
07/23	19:33:00	024:02:00	11852.05	5213.33
07/23	19:34:00	024:03:00	11851.61	5212.74
07/23	19:35:00	024:04:00	11851.28	5212.69
07/23	19:36:00	024:05:00	11850.97	5211.88
07/23	19:36:00	024:05:00	11850.87	5211.68
07/23	19:37:00	024:06:00	11850.57	5211.43
07/23	19:38:00	024:07:00	11850.21	5210.76
07/23	19:39:00	024:08:00	11849.80	5209.83
07/23	19:40:00	024:09:00	11849.42	5209.51
07/23	19:41:00	024:10:00	11849.07	5209.51
07/23	19:42:00	024:11:00	11848.73	5208.68
07/23	19:42:00	024:11:00	11848.67	5209.24
07/23	19:43:00	024:12:00	11848.34	5208.57
07/23	19:44:00	024:13:00	11847.94	5207.93
07/23	19:44:50	024:13:50	11847.72	5207.46
07/23	19:44:50	024:13:50	11847.63	5207.39

Shut well in.

Took 3 minutes to shut wing valve.

07/23	19:45:00	000:00:00	11847.57	5212.23
07/23	19:45:10	000:00:10	11849.46	5227.91
07/23	19:45:30	000:00:30	11851.53	5243.35
07/23	19:45:30	000:00:30	11852.24	5249.94
07/23	19:45:40	000:00:40	11854.06	5258.67
07/23	19:45:50	000:00:50	11857.15	5287.28
07/23	19:46:00	000:01:00	11860.53	5330.38
07/23	19:46:10	000:01:10	11869.51	5383.25
07/23	19:46:20	000:01:20	11877.01	5425.20
07/23	19:46:30	000:01:30	11881.92	5460.09
07/23	19:46:50	000:01:50	11888.64	5492.61
07/23	19:46:50	000:01:50	11897.51	5537.06
07/23	19:47:00	000:02:00	11907.72	5587.43
07/23	19:47:10	000:02:10	11916.47	5618.08
07/23	19:47:30	000:02:30	11924.15	5649.83
07/23	19:47:30	000:02:30	11935.15	5687.05
07/23	19:47:40	000:02:40	11945.70	5705.18
07/23	19:47:50	000:02:50	11952.38	5719.76
07/23	19:48:10	000:03:10	11956.68	5725.21
07/23	19:48:10	000:03:10	11978.20	5796.44
07/23	19:48:20	000:03:20	11977.92	5767.92
07/23	19:48:30	000:03:30	11977.41	5757.87
07/23	19:48:50	000:03:50	11981.27	5754.66
07/23	19:48:50	000:03:50	11984.03	5755.38
07/23	19:49:00	000:04:00	11986.25	5758.17
07/23	19:49:10	000:04:10	11987.52	5760.57
07/23	19:49:20	000:04:20	11989.42	5761.38
07/23	19:49:30	000:04:30	11991.28	5762.25
07/23	19:49:40	000:04:40	11992.99	5763.66
07/23	19:49:50	000:04:50	11994.32	5764.96
07/23	19:50:00	000:05:00	11995.87	5766.24
07/23	19:50:10	000:05:10	11997.47	5767.15
07/23	19:50:20	000:05:20	11998.94	5768.27
07/23	19:50:30	000:05:30	12000.02	5769.41
07/23	19:50:40	000:05:40	12001.48	5770.55

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/23	19:50:50	000:05:50	12002.84	5771.36
07/23	19:51:00	000:06:00	12004.20	5772.35
07/23	19:51:10	000:06:10	12005.15	5773.30
07/23	19:51:20	000:06:20	12006.47	5774.31
07/23	19:51:30	000:06:30	12007.81	5775.13
07/23	19:51:40	000:06:40	12008.75	5776.01
07/23	19:51:50	000:06:50	12009.93	5776.95
07/23	19:52:00	000:07:00	12011.17	5777.64
07/23	19:52:10	000:07:10	12012.27	5778.48
07/23	19:52:20	000:07:20	12013.17	5779.33
07/23	19:52:30	000:07:30	12014.30	5780.16
07/23	19:52:40	000:07:40	12015.38	5780.77
07/23	19:52:50	000:07:50	12016.51	5781.55
07/23	19:53:00	000:08:00	12017.31	5782.39
07/23	19:53:10	000:08:10	12018.39	5783.13
07/23	19:53:20	000:08:20	12019.43	5783.73
07/23	19:53:30	000:08:30	12020.47	5784.49
07/23	19:53:40	000:08:40	12021.27	5785.21
07/23	19:53:50	000:08:50	12022.25	5785.99
07/23	19:54:00	000:09:00	12023.27	5786.51
07/23	19:54:10	000:09:10	12024.21	5787.21
07/23	19:54:20	000:09:20	12024.97	5787.91
07/23	19:54:30	000:09:30	12025.95	5788.59
07/23	19:54:40	000:09:40	12026.88	5789.11
07/23	19:54:50	000:09:50	12027.83	5789.78
07/23	19:55:00	000:10:00	12028.55	5790.41
07/23	19:55:10	000:10:10	12029.48	5791.10
07/23	19:55:20	000:10:20	12030.39	5791.60
07/23	19:55:30	000:10:30	12031.26	5792.22
07/23	19:55:40	000:10:40	12031.98	5792.85
07/23	19:55:50	000:10:50	12032.89	5793.47
07/23	19:56:00	000:11:00	12033.79	5793.98
07/23	19:56:10	000:11:10	12034.64	5794.59
07/23	19:56:20	000:11:20	12035.30	5795.20
07/23	19:56:30	000:11:30	12036.16	5795.80
07/23	19:56:40	000:11:40	12037.01	5796.20
07/23	19:56:50	000:11:50	12037.87	5796.78
07/23	19:57:00	000:12:00	12038.50	5797.40
07/23	19:57:10	000:12:10	12039.35	5797.95
07/23	19:57:20	000:12:20	12040.19	5798.43
07/23	19:57:30	000:12:30	12041.00	5799.01
07/23	19:57:40	000:12:40	12041.89	5799.71
07/23	19:57:50	000:12:50	12042.51	5800.25
07/23	19:58:00	000:13:00	12043.31	5800.57
07/23	19:58:10	000:13:10	12044.13	5801.16
07/23	19:58:20	000:13:20	12044.73	5801.70
07/23	19:58:30	000:13:30	12045.54	5802.23
07/23	19:58:40	000:13:40	12046.34	5802.69
07/23	19:58:50	000:13:50	12047.09	5803.21
07/23	19:59:00	000:14:00	12047.92	5803.77
07/23	19:59:10	000:14:10	12048.51	5804.28
07/23	19:59:20	000:14:20	12049.27	5804.70
07/23	19:59:30	000:14:30	12050.01	5805.20
07/23	19:59:40	000:14:40	12050.76	5805.70
07/23	19:59:50	000:14:50	12051.31	5806.24
07/23	20:00:00	000:15:00	12052.12	5806.76
07/23	20:00:10	000:15:10	12052.83	5807.10
07/23	20:00:20	000:15:20	12053.61	5807.65
07/23	20:00:30	000:15:30	12054.17	5808.14
07/23	20:00:40	000:15:40	12054.86	5808.64

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/23	20:00:50	000:15:50	12055.61	5809.03
07/23	20:01:00	000:16:00	12056.36	5809.51
07/23	20:01:10	000:16:10	12056.90	5809.99
07/23	20:01:20	000:16:20	12057.62	5810.49
07/23	20:01:20	000:16:20	12057.78	5810.49
07/23	20:01:40	000:16:40	12059.01	5811.34
07/23	20:01:50	000:16:50	12059.56	5811.82
07/23	20:02:00	000:17:00	12060.30	5812.18
07/23	20:02:10	000:17:10	12060.96	5812.65
07/23	20:02:20	000:17:20	12061.65	5813.13
07/23	20:02:30	000:17:30	12062.16	5813.63
07/23	20:02:40	000:17:40	12062.87	5813.96
07/23	20:02:50	000:17:50	12063.56	5814.42
07/23	20:03:00	000:18:00	12064.26	5814.87
07/23	20:03:10	000:18:10	12064.75	5815.34
07/23	20:03:20	000:18:20	12065.43	5815.65
07/23	20:03:30	000:18:30	12066.11	5816.11
07/23	20:03:40	000:18:40	12066.81	5816.56
07/23	20:03:50	000:18:50	12067.32	5816.97
07/23	20:04:00	000:19:00	12067.95	5817.35
07/23	20:04:10	000:19:10	12068.64	5817.74
07/23	20:04:20	000:19:20	12069.28	5818.17
07/23	20:04:30	000:19:30	12069.74	5818.61
07/23	20:04:40	000:19:40	12070.41	5819.11
07/23	20:04:50	000:19:50	12071.09	5819.43
07/23	20:05:00	000:20:00	12071.70	5819.86
07/23	20:05:10	000:20:10	12072.24	5820.28
07/23	20:05:20	000:20:20	12072.82	5820.61
07/23	20:05:30	000:20:30	12073.49	5821.02
07/23	20:05:40	000:20:40	12074.10	5821.46
07/23	20:05:50	000:20:50	12074.57	5821.85
07/23	20:06:00	000:21:00	12075.23	5822.24
07/23	20:06:10	000:21:10	12075.86	5822.57
07/23	20:06:20	000:21:20	12076.51	5822.99
07/23	20:06:30	000:21:30	12076.93	5823.37
07/23	20:06:50	000:21:50	12077.59	5823.80
07/23	20:06:50	000:21:50	12078.18	5824.09
07/23	20:07:00	000:22:00	12078.81	5824.57
07/23	20:07:10	000:22:10	12079.29	5824.93
07/23	20:07:20	000:22:20	12079.89	5825.29
07/23	20:07:30	000:22:30	12080.46	5825.62
07/23	20:07:40	000:22:40	12081.09	5826.00
07/23	20:07:50	000:22:50	12081.57	5826.45
07/23	20:08:00	000:23:00	12082.07	5826.77
07/23	20:08:10	000:23:10	12082.74	5827.10
07/23	20:08:20	000:23:20	12083.23	5827.50
07/23	20:08:30	000:23:30	12083.77	5827.87
07/23	20:08:40	000:23:40	12084.41	5828.18
07/23	20:08:50	000:23:50	12084.91	5828.59
07/23	20:09:00	000:24:00	12085.37	5828.95
07/23	20:09:10	000:24:10	12086.04	5829.29
07/23	20:09:20	000:24:20	12086.51	5829.65
07/23	20:09:30	000:24:30	12087.03	5830.00
07/23	20:09:40	000:24:40	12087.64	5830.33
07/23	20:09:50	000:24:50	12088.13	5830.72
07/23	20:10:00	000:25:00	12088.65	5831.05
07/23	20:10:10	000:25:10	12089.24	5831.37
07/23	20:10:20	000:25:20	12089.76	5831.76
07/23	20:10:30	000:25:30	12090.22	5832.10
07/23	20:10:40	000:25:40	12090.85	5832.43

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/23	20:10:50	000:25:50	12091.29	5832.81
07/23	20:11:00	000:26:00	12091.80	5833.12
07/23	20:11:10	000:26:10	12092.39	5833.43
07/23	20:11:20	000:26:20	12092.84	5833.84
07/23	20:11:30	000:26:30	12093.36	5834.23
07/23	20:11:40	000:26:40	12093.86	5834.50
07/23	20:11:50	000:26:50	12094.46	5834.82
07/23	20:12:00	000:27:00	12094.88	5835.22
07/23	20:12:10	000:27:10	12095.34	5835.52
07/23	20:12:20	000:27:20	12095.94	5835.79
07/23	20:12:30	000:27:30	12096.43	5836.19
07/23	20:12:40	000:27:40	12096.86	5836.52
07/23	20:12:50	000:27:50	12097.48	5836.81
07/23	20:13:00	000:28:00	12097.93	5837.12
07/23	20:13:10	000:28:10	12098.36	5837.40
07/23	20:13:20	000:28:20	12098.95	5837.74
07/23	20:13:30	000:28:30	12099.42	5838.07
07/23	20:13:40	000:28:40	12099.85	5838.42
07/23	20:13:50	000:28:50	12100.44	5838.75
07/23	20:14:00	000:29:00	12100.91	5839.06
07/23	20:14:10	000:29:10	12101.37	5839.41
07/23	20:14:20	000:29:20	12101.95	5839.67
07/23	20:14:30	000:29:30	12102.30	5838.45
07/23	20:14:40	000:29:40	12102.67	5840.39
07/23	20:14:50	000:29:50	12103.15	5841.08
07/23	20:15:00	000:30:00	12103.51	5840.80
07/23	20:15:10	000:30:10	12104.03	5840.82
07/23	20:15:20	000:30:20	12104.54	5841.10
07/23	20:15:30	000:30:30	12105.01	5841.50
07/23	20:15:40	000:30:40	12105.40	5841.82
07/23	20:15:50	000:30:50	12105.98	5842.05
07/23	20:16:00	000:31:00	12106.38	5842.38
07/23	20:16:10	000:31:10	12106.96	5842.63
07/23	20:16:20	000:31:20	12107.38	5843.01
07/23	20:16:30	000:31:30	12107.83	5843.45
07/23	20:16:40	000:31:40	12108.41	5844.07
07/23	20:16:50	000:31:50	12109.02	5844.14
07/23	20:17:00	000:32:00	12109.38	5844.51
07/23	20:17:10	000:32:10	12109.93	5844.76
07/23	20:17:20	000:32:20	12110.37	5845.04
07/23	20:17:30	000:32:30	12110.82	5845.34
07/23	20:17:40	000:32:40	12111.38	5845.65
07/23	20:17:50	000:32:50	12111.81	5845.97
07/23	20:18:00	000:33:00	12112.24	5846.27
07/23	20:18:10	000:33:10	12112.78	5846.58
07/23	20:18:20	000:33:20	12113.22	5846.87
07/23	20:18:30	000:33:30	12113.61	5847.19
07/23	20:18:40	000:33:40	12114.09	5847.47
07/23	20:18:50	000:33:50	12114.52	5847.74
07/23	20:19:00	000:34:00	12114.92	5848.09
07/23	20:19:10	000:34:10	12115.44	5848.35
07/23	20:19:20	000:34:20	12115.86	5848.65
07/23	20:19:30	000:34:30	12116.27	5848.93
07/23	20:19:40	000:34:40	12116.78	5849.20
07/23	20:19:50	000:34:50	12117.22	5849.45
07/23	20:20:00	000:35:00	12117.62	5849.81
07/23	20:20:10	000:35:10	12118.13	5850.10
07/23	20:20:20	000:35:20	12118.51	5850.36
07/23	20:20:30	000:35:30	12118.95	5850.69
07/23	20:20:40	000:35:40	12119.45	5850.97

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/23	20:20:50	000:35:50	12119.82	5851.27
07/23	20:21:00	000:36:00	12120.28	5851.55
07/23	20:21:10	000:36:10	12120.72	5851.78
07/23	20:21:30	000:36:30	12121.15	5852.16
07/23	20:21:30	000:36:30	12121.65	5852.16
07/23	20:21:40	000:36:40	12122.05	5852.64
07/23	20:21:50	000:36:50	12122.42	5852.97
07/23	20:22:00	000:37:00	12122.92	5853.23
07/23	20:22:10	000:37:10	12123.27	5853.57
07/23	20:22:20	000:37:20	12123.67	5853.81
07/23	20:22:30	000:37:30	12124.13	5854.08
07/23	20:22:40	000:37:40	12124.57	5854.38
07/23	20:22:50	000:37:50	12124.95	5854.63
07/23	20:23:00	000:38:00	12125.44	5854.89
07/23	20:24:00	000:39:00	12127.89	5856.55
07/23	20:25:00	000:40:00	12130.48	5858.13
07/23	20:26:00	000:41:00	12132.92	5859.81
07/23	20:27:00	000:42:00	12135.28	5861.40
07/23	20:28:00	000:43:00	12137.72	5862.98
07/23	20:29:00	000:44:00	12140.05	5864.59
07/23	20:30:00	000:45:00	12142.43	5866.09
07/23	20:31:00	000:46:00	12144.71	5867.60
07/23	20:32:00	000:47:00	12146.95	5869.16
07/23	20:34:00	000:49:00	12151.44	5872.16
07/23	20:35:00	000:50:00	12153.72	5873.65
07/23	20:36:00	000:51:00	12155.82	5875.13
07/23	20:37:00	000:52:00	12157.91	5876.62
07/23	20:38:00	000:53:00	12160.11	5878.04
07/23	20:39:00	000:54:00	12162.23	5879.49
07/23	20:40:00	000:55:00	12164.26	5880.88
07/23	20:41:00	000:56:00	12166.30	5882.34
07/23	20:42:00	000:57:00	12168.35	5883.71
07/23	20:43:00	000:58:00	12170.38	5885.07
07/23	20:44:00	000:59:00	12172.45	5886.47
07/23	20:45:00	001:00:00	12174.42	5887.81
07/23	20:46:00	001:01:00	12176.37	5889.21
07/23	20:47:00	001:02:00	12178.32	5890.49
07/23	20:48:00	001:03:00	12180.30	5891.80
07/23	20:49:00	001:04:00	12182.20	5893.15
07/23	20:51:00	001:06:00	12185.94	5895.83
07/23	20:52:00	001:07:00	12187.89	5897.09
07/23	20:53:00	001:08:00	12189.71	5898.38
07/23	20:54:00	001:09:00	12191.53	5899.64
07/23	20:55:00	001:10:00	12193.32	5900.99
07/23	20:56:00	001:11:00	12195.13	5902.26
07/23	20:57:00	001:12:00	12196.96	5903.51
07/23	20:58:00	001:13:00	12198.76	5904.74
07/23	20:59:00	001:14:00	12200.53	5906.08
07/23	21:00:00	001:15:00	12202.27	5907.29
07/23	21:01:00	001:16:00	12204.10	5908.47
07/23	21:02:00	001:17:00	12205.81	5909.69
07/23	21:03:00	001:18:00	12207.51	5910.95
07/23	21:04:00	001:19:00	12209.18	5912.20
07/23	21:05:00	001:20:00	12210.64	5913.19
07/23	21:05:00	001:20:00	12210.92	5913.37
07/23	21:06:00	001:21:00	12212.64	5914.55
07/23	21:07:00	001:22:00	12214.29	5915.78
07/23	21:08:00	001:23:00	12215.93	5916.99
07/23	21:09:00	001:24:00	12217.56	5918.14
07/23	21:10:00	001:25:00	12219.22	5919.31

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/23	21:11:00	001:26:00	12220.93	5920.48
07/23	21:12:00	001:27:00	12222.55	5921.62
07/23	21:13:00	001:28:00	12224.13	5922.83
07/23	21:14:00	001:29:00	12225.74	5923.97
07/23	21:15:00	001:30:00	12227.35	5925.14
07/23	21:16:00	001:31:00	12228.92	5926.28
07/23	21:17:00	001:32:00	12230.48	5927.39
07/23	21:18:00	001:33:00	12232.07	5928.54
07/23	21:19:00	001:34:00	12233.63	5929.65
07/23	21:20:00	001:35:00	12235.15	5930.87
07/23	21:21:00	001:36:00	12236.70	5931.99
07/23	21:22:00	001:37:00	12238.30	5933.13
07/23	21:23:00	001:38:00	12239.86	5934.23
07/23	21:24:00	001:39:00	12241.35	5935.38
07/23	21:25:00	001:40:00	12242.84	5936.44
07/23	21:26:00	001:41:00	12244.33	5937.53
07/23	21:27:00	001:42:00	12245.85	5938.62
07/23	21:28:00	001:43:00	12247.33	5939.72
07/23	21:29:00	001:44:00	12248.79	5940.81
07/23	21:30:00	001:45:00	12250.24	5941.92
07/23	21:31:00	001:46:00	12251.71	5942.99
07/23	21:32:00	001:47:00	12253.17	5944.04
07/23	21:33:00	001:48:00	12254.60	5945.12
07/23	21:34:00	001:49:00	12256.03	5946.24
07/23	21:35:00	001:50:00	12257.48	5947.26
07/23	21:36:00	001:51:00	12258.87	5948.29
07/23	21:37:00	001:52:00	12260.37	5949.32
07/23	21:38:00	001:53:00	12261.74	5950.36
07/23	21:39:00	001:54:00	12263.19	5951.42
07/23	21:40:00	001:55:00	12264.58	5952.40
07/23	21:41:00	001:56:00	12265.94	5953.50
07/23	21:42:00	001:57:00	12267.35	5954.47
07/23	21:43:00	001:58:00	12268.71	5955.49
07/23	21:44:00	001:59:00	12270.08	5956.51
07/23	21:45:00	002:00:00	12271.47	5957.54
07/23	21:46:00	002:01:00	12272.82	5958.54
07/23	21:47:00	002:02:00	12274.17	5959.54
07/23	21:48:00	002:03:00	12275.51	5960.55
07/23	21:49:00	002:04:00	12276.87	5961.59
07/23	21:50:00	002:05:00	12278.17	5962.59
07/23	21:51:00	002:06:00	12279.48	5963.57
07/23	21:52:00	002:07:00	12280.87	5964.59
07/23	21:53:00	002:08:00	12282.18	5965.57
07/23	21:54:00	002:09:00	12283.49	5966.58
07/23	21:55:00	002:10:00	12284.81	5967.59
07/23	21:56:00	002:11:00	12286.07	5968.61
07/23	21:57:00	002:12:00	12287.36	5969.56
07/23	21:58:00	002:13:00	12288.69	5970.51
07/23	21:59:00	002:14:00	12289.95	5971.56
07/23	22:00:00	002:15:00	12291.24	5972.52
07/23	22:01:00	002:16:00	12292.54	5973.45
07/23	22:02:00	002:17:00	12293.81	5974.44
07/23	22:03:00	002:18:00	12295.06	5975.39
07/23	22:04:00	002:19:00	12296.35	5976.39
07/23	22:05:00	002:20:00	12297.63	5977.32
07/23	22:06:00	002:21:00	12298.87	5978.32
07/23	22:07:00	002:22:00	12299.87	5979.15
07/23	22:07:00	002:22:00	12300.09	5979.29
07/23	22:08:00	002:23:00	12301.47	5980.22
07/23	22:09:00	002:24:00	12302.67	5981.17

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/23	22:10:00	002:25:00	12303.84	5982.17
07/23	22:11:00	002:26:00	12305.06	5983.05
07/23	22:12:00	002:27:00	12306.30	5984.01
07/23	22:13:00	002:28:00	12307.52	5984.98
07/23	22:14:00	002:29:00	12308.68	5985.87
07/23	22:15:00	002:30:00	12309.97	5986.82
07/23	22:16:00	002:31:00	12311.15	5987.74
07/23	22:17:00	002:32:00	12312.41	5988.68
07/23	22:18:00	002:33:00	12313.57	5989.63
07/23	22:19:00	002:34:00	12314.79	5990.52
07/23	22:20:00	002:35:00	12315.99	5991.45
07/23	22:21:00	002:36:00	12317.16	5992.36
07/23	22:22:00	002:37:00	12318.32	5993.29
07/23	22:23:00	002:38:00	12319.51	5994.20
07/23	22:24:00	002:39:00	12320.71	5995.17
07/23	22:25:00	002:40:00	12321.87	5996.08
07/23	22:26:00	002:41:00	12323.00	5996.96
07/23	22:27:00	002:42:00	12324.19	5997.83
07/23	22:28:00	002:43:00	12325.36	5998.73
07/23	22:29:00	002:44:00	12326.49	5999.67
07/23	22:30:00	002:45:00	12327.61	6000.59
07/23	22:31:00	002:46:00	12328.74	6001.49
07/23	22:32:00	002:47:00	12329.89	6002.36
07/23	22:33:00	002:48:00	12331.05	6003.26
07/23	22:34:00	002:49:00	12332.12	6004.14
07/23	22:35:00	002:50:00	12333.25	6005.06
07/23	22:36:00	002:51:00	12334.37	6005.93
07/23	22:37:00	002:52:00	12335.50	6006.82
07/23	22:38:00	002:53:00	12336.61	6007.69
07/23	22:39:00	002:54:00	12337.80	6008.59
07/23	22:40:00	002:55:00	12338.91	6009.45
07/23	22:42:00	002:57:00	12341.12	6011.18
07/23	22:43:00	002:58:00	12342.01	6011.91
07/23	22:43:00	002:58:00	12342.23	6012.09
07/23	22:44:00	002:59:00	12343.33	6012.92
07/23	22:45:00	003:00:00	12344.44	6013.81
07/23	22:47:00	003:02:00	12346.58	6015.52
07/23	22:48:00	003:03:00	12347.61	6016.39
07/23	22:49:00	003:04:00	12348.77	6017.27
07/23	22:50:00	003:05:00	12349.84	6018.08
07/23	22:51:00	003:06:00	12350.91	6018.99
07/23	22:52:00	003:07:00	12351.95	6019.85
07/23	22:53:00	003:08:00	12353.02	6020.68
07/23	22:54:00	003:09:00	12354.12	6021.50
07/23	22:55:00	003:10:00	12355.18	6022.32
07/23	22:56:00	003:11:00	12356.18	6023.16
07/23	22:58:00	003:13:00	12358.36	6024.85
07/23	22:59:00	003:14:00	12359.37	6025.66
07/23	23:00:00	003:15:00	12360.42	6026.51
07/23	23:01:00	003:16:00	12361.47	6027.28
07/23	23:02:00	003:17:00	12362.46	6028.12
07/23	23:03:00	003:18:00	12363.48	6028.95
07/23	23:04:00	003:19:00	12364.52	6029.79
07/23	23:05:00	003:20:00	12365.54	6030.58
07/23	23:06:00	003:21:00	12366.56	6031.34
07/23	23:07:00	003:22:00	12367.59	6032.18
07/23	23:09:00	003:24:00	12369.67	6033.81
07/23	23:10:00	003:25:00	12370.50	6034.54
07/23	23:10:00	003:25:00	12370.65	6034.66
07/23	23:11:00	003:26:00	12371.67	6035.41

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/23	23:12:00	003:27:00	12372.71	6036.20
07/23	23:13:00	003:28:00	12373.70	6037.00
07/23	23:14:00	003:29:00	12374.71	6037.81
07/23	23:15:00	003:30:00	12375.66	6038.60
07/23	23:16:00	003:31:00	12376.71	6039.38
07/23	23:17:00	003:32:00	12377.65	6039.64
07/23	23:18:00	003:33:00	12378.43	6040.60
07/23	23:19:00	003:34:00	12379.60	6041.59
07/23	23:20:00	003:35:00	12380.64	6042.38
07/23	23:21:00	003:36:00	12381.62	6043.20
07/23	23:22:00	003:37:00	12382.56	6043.99
07/23	23:23:00	003:38:00	12383.52	6044.80
07/23	23:24:00	003:39:00	12384.55	6045.57
07/23	23:25:00	003:40:00	12385.50	6046.35
07/23	23:26:00	003:41:00	12386.45	6047.13
07/23	23:27:00	003:42:00	12387.39	6047.93
07/23	23:28:00	003:43:00	12388.35	6048.65
07/23	23:29:00	003:44:00	12389.37	6049.37
07/23	23:30:00	003:45:00	12390.33	6050.16
07/23	23:31:00	003:46:00	12391.29	6050.90
07/23	23:32:00	003:47:00	12392.22	6051.70
07/23	23:33:00	003:48:00	12393.17	6052.44
07/23	23:34:00	003:49:00	12394.07	6053.17
07/23	23:35:00	003:50:00	12395.06	6053.97
07/23	23:36:00	003:51:00	12395.98	6054.71
07/23	23:37:00	003:52:00	12396.92	6055.51
07/23	23:39:00	003:54:00	12398.79	6056.97
07/23	23:40:00	003:55:00	12399.49	6057.59
07/23	23:40:00	003:55:00	12399.61	6057.72
07/23	23:41:00	003:56:00	12400.62	6058.47
07/23	23:42:00	003:57:00	12401.55	6059.20
07/23	23:43:00	003:58:00	12402.52	6059.98
07/23	23:44:00	003:59:00	12403.41	6060.71
07/23	23:45:00	004:00:00	12404.33	6061.47
07/23	23:46:00	004:01:00	12405.24	6062.20
07/23	23:47:00	004:02:00	12406.19	6062.92
07/23	23:48:00	004:03:00	12407.07	6063.71
07/23	23:49:00	004:04:00	12407.98	6064.45
07/23	23:50:00	004:05:00	12408.86	6063.77
07/23	23:51:00	004:06:00	12409.57	6065.55
07/23	23:52:00	004:07:00	12410.44	6066.21
07/23	23:53:00	004:08:00	12411.37	6066.72
07/23	23:54:00	004:09:00	12412.24	6067.41
07/23	23:55:00	004:10:00	12413.16	6068.04
07/23	23:56:00	004:11:00	12414.00	6068.79
07/23	23:57:00	004:12:00	12414.91	6069.31
07/23	23:58:00	004:13:00	12415.74	6069.95
07/23	23:59:00	004:14:00	12416.58	6070.44
07/24	00:00:00	004:15:00	12417.43	6071.13
07/24	00:01:00	004:16:00	12418.31	6071.71
07/24	00:02:00	004:17:00	12419.09	6072.16
07/24	00:03:00	004:18:00	12420.02	6072.80
07/24	00:04:00	004:19:00	12420.89	6073.31
07/24	00:05:00	004:20:00	12421.81	6073.98
07/24	00:06:00	004:21:00	12422.96	6075.04
07/24	00:07:00	004:22:00	12423.85	6075.80
07/24	00:08:00	004:23:00	12424.75	6076.52
07/24	00:09:00	004:24:00	12425.65	6077.20
07/24	00:10:00	004:25:00	12426.51	6077.93
07/24	00:11:00	004:26:00	12427.31	6078.61

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/24	00:12:00	004:27:00	12428.17	6079.34
07/24	00:13:00	004:28:00	12429.01	6080.03
07/24	00:14:00	004:29:00	12429.89	6080.73
07/24	00:15:00	004:30:00	12430.78	6081.41
07/24	00:16:00	004:31:00	12431.56	6082.29
07/24	00:17:00	004:32:00	12432.44	6082.80
07/24	00:18:00	004:33:00	12433.30	6083.48
07/24	00:19:00	004:34:00	12434.15	6084.11
07/24	00:20:00	004:35:00	12434.95	6084.85
07/24	00:21:00	004:36:00	12435.82	6085.48
07/24	00:22:00	004:37:00	12436.64	6086.14
07/24	00:23:00	004:38:00	12437.52	6086.85
07/24	00:24:00	004:39:00	12438.37	6087.51
07/24	00:25:00	004:40:00	12439.24	6088.20
07/24	00:26:00	004:41:00	12440.04	6088.87
07/24	00:27:00	004:42:00	12440.86	6089.54
07/24	00:28:00	004:43:00	12441.66	6090.22
07/24	00:29:00	004:44:00	12442.48	6090.89
07/24	00:30:00	004:45:00	12443.30	6091.55
07/24	00:32:00	004:47:00	12444.92	6092.87
07/24	00:33:00	004:48:00	12445.77	6093.58
07/24	00:34:00	004:49:00	12446.58	6094.26
07/24	00:35:00	004:50:00	12447.36	6094.90
07/24	00:36:00	004:51:00	12448.17	6095.53
07/24	00:37:00	004:52:00	12448.99	6096.23
07/24	00:38:00	004:53:00	12449.81	6096.92
07/24	00:39:00	004:54:00	12450.58	6097.58
07/24	00:40:00	004:55:00	12451.39	6098.21
07/24	00:41:00	004:56:00	12452.19	6098.87
07/24	00:42:00	004:57:00	12452.98	6099.52
07/24	00:43:00	004:58:00	12453.76	6100.16
07/24	00:44:00	004:59:00	12454.57	6100.80
07/24	00:45:00	005:00:00	12455.37	6101.47
07/24	00:46:00	005:01:00	12456.17	6102.10
07/24	00:47:00	005:02:00	12456.99	6102.77
07/24	00:48:00	005:03:00	12457.77	6103.39
07/24	00:49:00	005:04:00	12458.53	6104.02
07/24	00:50:00	005:05:00	12459.36	6104.65
07/24	00:55:00	005:10:00	12463.28	6107.83
07/24	01:00:00	005:15:00	12467.08	6110.95
07/24	01:05:00	005:20:00	12470.91	6114.12
07/24	01:10:00	005:25:00	12474.72	6117.23
07/24	01:15:00	005:30:00	12478.43	6120.33
07/24	01:20:00	005:35:00	12482.17	6123.35
07/24	01:25:00	005:40:00	12485.78	6126.37
07/24	01:30:00	005:45:00	12489.50	6129.32
07/24	01:35:00	005:50:00	12493.00	6132.31
07/24	01:40:00	005:55:00	12496.46	6135.23
07/24	01:45:00	006:00:00	12500.04	6138.08
07/24	01:50:00	006:05:00	12503.56	6141.00
07/24	01:55:00	006:10:00	12507.03	6143.86
07/24	02:00:00	006:15:00	12510.46	6146.67
07/24	02:05:00	006:20:00	12513.84	6149.47
07/24	02:10:00	006:25:00	12517.22	6152.28
07/24	02:15:00	006:30:00	12520.56	6155.03
07/24	02:20:00	006:35:00	12523.84	6157.73
07/24	02:25:00	006:40:00	12527.05	6160.44
07/24	02:30:00	006:45:00	12530.27	6163.12
07/24	02:35:00	006:50:00	12533.45	6165.72
07/24	02:40:00	006:55:00	12536.54	6168.36

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/24	02:45:00	007:00:00	12539.69	6170.95
07/24	02:50:00	007:05:00	12542.74	6173.51
07/24	02:55:00	007:10:00	12545.77	6176.05
07/24	03:00:00	007:15:00	12548.82	6178.64
07/24	03:10:00	007:25:00	12554.75	6183.81
07/24	03:15:00	007:30:00	12557.60	6186.25
07/24	03:15:00	007:30:00	12557.69	6186.32
07/24	03:20:00	007:35:00	12560.63	6188.79
07/24	03:25:00	007:40:00	12563.48	6191.23
07/24	03:30:00	007:45:00	12566.37	6193.72
07/24	03:35:00	007:50:00	12569.20	6196.19
07/24	03:40:00	007:55:00	12572.03	6198.61
07/24	03:45:00	008:00:00	12574.89	6200.93
07/24	03:50:00	008:05:00	12577.59	6203.28
07/24	03:55:00	008:10:00	12580.33	6205.56
07/24	04:00:00	008:15:00	12582.97	6207.80
07/24	04:05:00	008:20:00	12585.69	6210.08
07/24	04:10:00	008:25:00	12588.33	6212.37
07/24	04:15:00	008:30:00	12590.94	6214.64
07/24	04:20:00	008:35:00	12593.53	6216.92
07/24	04:25:00	008:40:00	12596.11	6219.16
07/24	04:30:00	008:45:00	12598.76	6221.36
07/24	04:35:00	008:50:00	12601.30	6223.55
07/24	04:40:00	008:55:00	12603.92	6225.78
07/24	04:45:00	009:00:00	12606.39	6227.93
07/24	04:50:00	009:05:00	12608.91	6230.06
07/24	04:55:00	009:10:00	12611.43	6232.17
07/24	05:00:00	009:15:00	12613.86	6234.25
07/24	05:05:00	009:20:00	12616.26	6236.30
07/24	05:10:00	009:25:00	12618.64	6238.35
07/24	05:15:00	009:30:00	12620.99	6240.35
07/24	05:20:00	009:35:00	12623.39	6242.37
07/24	05:25:00	009:40:00	12625.74	6244.35
07/24	05:30:00	009:45:00	12628.02	6246.32
07/24	05:35:00	009:50:00	12630.29	6248.28
07/24	05:40:00	009:55:00	12632.64	6250.25
07/24	05:45:00	010:00:00	12634.92	6252.19
07/24	05:55:00	010:10:00	12639.42	6256.03
07/24	06:00:00	010:15:00	12641.65	6257.95
07/24	06:05:00	010:20:00	12643.82	6259.81
07/24	06:10:00	010:25:00	12645.98	6261.69
07/24	06:15:00	010:30:00	12648.17	6263.57
07/24	06:20:00	010:35:00	12650.23	6265.40
07/24	06:25:00	010:40:00	12652.40	6267.20
07/24	06:30:00	010:45:00	12654.47	6268.98
07/24	06:35:00	010:50:00	12656.53	6270.71
07/24	06:40:00	010:55:00	12658.67	6272.41
07/24	06:45:00	011:00:00	12660.75	6273.89
07/24	06:55:00	011:10:00	12664.80	6276.93
07/24	07:00:00	011:15:00	12666.84	6278.36
07/24	07:00:00	011:15:00	12666.93	6278.39
07/24	07:05:00	011:20:00	12668.94	6279.93
07/24	07:10:00	011:25:00	12670.83	6281.90
07/24	07:15:00	011:30:00	12672.74	6284.27
07/24	07:20:00	011:35:00	12674.79	6286.12
07/24	07:25:00	011:40:00	12676.73	6287.37
07/24	07:30:00	011:45:00	12678.71	6288.61
07/24	07:35:00	011:50:00	12680.50	6290.15
07/24	07:40:00	011:55:00	12682.05	6291.67
07/24	07:45:00	012:00:00	12683.98	6293.46

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/24	07:50:00	012:05:00	12685.90	6295.17
07/24	07:55:00	012:10:00	12687.84	6297.17
07/24	08:00:00	012:15:00	12689.77	6299.01
07/24	08:05:00	012:20:00	12691.60	6300.76
07/24	08:10:00	012:25:00	12693.32	6302.53
07/24	08:15:00	012:30:00	12695.16	6304.14
07/24	08:20:00	012:35:00	12696.98	6305.69
07/24	08:25:00	012:40:00	12698.77	6307.20
07/24	08:30:00	012:45:00	12700.49	6308.61
07/24	08:35:00	012:50:00	12702.24	6309.85
07/24	08:40:00	012:55:00	12703.98	6311.59
07/24	08:45:00	013:00:00	12705.78	6313.38
07/24	08:50:00	013:05:00	12707.42	6314.73
07/24	08:55:00	013:10:00	12709.24	6316.13
07/24	09:00:00	013:15:00	12710.93	6317.73
07/24	09:05:00	013:20:00	12712.52	6319.09
07/24	09:10:00	013:25:00	12714.21	6320.75
07/24	09:15:00	013:30:00	12715.89	6322.38
07/24	09:20:00	013:35:00	12717.52	6323.53
07/24	09:25:00	013:40:00	12719.24	6324.71
07/24	09:30:00	013:45:00	12720.79	6325.79
07/24	09:35:00	013:50:00	12722.45	6327.24
07/24	09:40:00	013:55:00	12724.05	6329.21
07/24	09:45:00	014:00:00	12725.67	6331.56
07/24	09:50:00	014:05:00	12727.22	6332.63
07/24	09:55:00	014:10:00	12728.76	6333.78
07/24	10:00:00	014:15:00	12730.40	6335.53
07/24	10:05:00	014:20:00	12731.97	6337.14
07/24	10:10:00	014:25:00	12733.47	6338.73
07/24	10:15:00	014:30:00	12734.99	6339.13
07/24	10:20:00	014:35:00	12736.53	6339.66
07/24	10:25:00	014:40:00	12737.98	6341.12
07/24	10:30:00	014:45:00	12739.51	6343.06
07/24	10:35:00	014:50:00	12741.07	6344.36
07/24	10:40:00	014:55:00	12742.48	6345.13
07/24	10:45:00	015:00:00	12743.86	6348.13
07/24	10:50:00	015:05:00	12745.40	6348.08
07/24	10:55:00	015:10:00	12746.84	6349.58
07/24	11:00:00	015:15:00	12748.32	6350.48
07/24	11:05:00	015:20:00	12749.84	6351.33
07/24	11:10:00	015:25:00	12751.29	6352.01
07/24	11:15:00	015:30:00	12752.69	6352.90
07/24	11:20:00	015:35:00	12754.06	6353.93
07/24	11:25:00	015:40:00	12755.77	6356.81
07/24	11:30:00	015:45:00	12756.97	6356.68
07/24	11:35:00	015:50:00	12758.30	6357.27
07/24	11:40:00	015:55:00	12759.69	6359.16
07/24	11:45:00	016:00:00	12761.14	6360.11
07/24	11:50:00	016:05:00	12762.51	6361.20
07/24	11:55:00	016:10:00	12763.92	6362.37
07/24	12:00:00	016:15:00	12765.19	6363.72
07/24	12:05:00	016:20:00	12766.60	6364.92
07/24	12:10:00	016:25:00	12767.89	6365.62
07/24	12:15:00	016:30:00	12769.13	6367.00
07/24	12:20:00	016:35:00	12770.53	6370.24
07/24	12:25:00	016:40:00	12771.81	6372.27
07/24	12:30:00	016:45:00	12773.19	6373.24
07/24	12:35:00	016:50:00	12774.38	6374.36
07/24	12:40:00	016:55:00	12775.74	6376.04
07/24	12:50:00	017:05:00	12778.18	6376.53

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/24	12:55:00	017:10:00	12779.43	6378.67
07/24	13:00:00	017:15:00	12780.64	6378.07
07/24	13:05:00	017:20:00	12781.90	6376.86
07/24	13:10:00	017:25:00	12783.24	6378.90
07/24	13:15:00	017:30:00	12784.38	6378.68
07/24	13:20:00	017:35:00	12784.62	6378.72
07/24	13:25:00	017:40:00	12786.47	6381.14
07/24	13:30:00	017:45:00	12787.61	6383.60
07/24	13:35:00	017:50:00	12788.65	6387.84
07/24	13:40:00	017:55:00	12790.07	6387.04
07/24	13:45:00	018:00:00	12791.25	6386.43
07/24	13:50:00	018:05:00	12791.68	6387.17
07/24	13:55:00	018:10:00	12793.71	6388.61
07/24	14:00:00	018:15:00	12794.81	6389.62
07/24	14:00:00	018:15:00	12794.84	6389.63
07/24	14:10:00	018:25:00	12797.21	6392.61
07/24	14:15:00	018:30:00	12798.24	6393.47
07/24	14:20:00	018:35:00	12799.56	6395.81
07/24	14:25:00	018:40:00	12800.58	6397.84
07/24	14:30:00	018:45:00	12801.79	6396.80
07/24	14:35:00	018:50:00	12802.83	6396.26
07/24	14:40:00	018:55:00	12803.85	6396.64
07/24	14:45:00	019:00:00	12805.07	6398.76
07/24	14:50:00	019:05:00	12806.23	6400.15
07/24	14:55:00	019:10:00	12807.35	6401.66
07/24	15:00:00	019:15:00	12808.47	6403.32
07/24	15:05:00	019:20:00	12809.56	6404.52
07/24	15:10:00	019:25:00	12810.60	6405.04
07/24	15:15:00	019:30:00	12811.70	6408.73
07/24	15:20:00	019:35:00	12812.66	6409.04
07/24	15:25:00	019:40:00	12813.75	6406.70
07/24	15:30:00	019:45:00	12814.89	6409.03
07/24	15:35:00	019:50:00	12815.97	6409.16
07/24	15:40:00	019:55:00	12816.97	6409.48
07/24	15:50:00	020:05:00	12818.98	6410.57
07/24	15:55:00	020:10:00	12819.99	6411.65
07/24	16:00:00	020:15:00	12821.06	6413.20
07/24	16:05:00	020:20:00	12822.00	6416.82
07/24	16:10:00	020:25:00	12823.10	6418.62
07/24	16:15:00	020:30:00	12824.08	6418.92
07/24	16:20:00	020:35:00	12825.15	6418.52
07/24	16:21:00	020:36:00	12825.23	6418.85
07/24	16:22:00	020:37:00	12825.45	6419.24
07/24	16:23:00	020:38:00	12825.67	6419.48
07/24	16:24:00	020:39:00	12825.87	6419.82
07/24	16:25:00	020:40:00	12826.12	6420.21
07/24	16:26:00	020:41:00	12826.33	6420.62
07/24	16:28:00	020:43:00	12826.55	6420.92
07/24	16:29:00	020:44:00	12826.82	6420.93
07/24	16:30:00	020:45:00	12827.01	6420.90
07/24	16:31:00	020:46:00	12827.25	6420.96
07/24	16:32:00	020:47:00	12827.46	6420.92
07/24	16:33:00	020:48:00	12827.59	6420.77
07/24	16:34:00	020:49:00	12827.78	6420.63
07/24	16:35:00	020:50:00	12827.99	6420.41
07/24	16:36:00	020:51:00	12828.19	6420.24
07/24	16:37:00	020:52:00	12828.35	6420.14
07/24	16:38:00	020:53:00	12828.57	6419.77
07/24	16:39:00	020:54:00	12828.78	6419.54
07/24	16:40:00	020:55:00	12828.95	6419.43

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/24	16:41:00	020:56:00	12829.11	6419.35
07/24	16:42:00	020:57:00	12829.24	6419.30
07/24	16:43:00	020:58:00	12829.43	6419.26
07/24	16:44:00	020:59:00	12829.65	6419.33
07/24	16:45:00	021:00:00	12829.77	6419.52
07/24	16:50:00	021:05:00	12830.77	6420.98
07/24	16:55:00	021:10:00	12831.66	6421.88
07/24	17:00:00	021:15:00	12832.67	6421.51
07/24	17:05:00	021:20:00	12833.63	6421.81
07/24	17:10:00	021:25:00	12834.55	6422.76
07/24	17:15:00	021:30:00	12835.41	6423.34
07/24	17:20:00	021:35:00	12836.51	6424.42
07/24	17:25:00	021:40:00	12837.53	6425.37
07/24	17:30:00	021:45:00	12838.45	6426.25
07/24	17:35:00	021:50:00	12839.33	6426.86
07/24	17:40:00	021:55:00	12840.27	6427.62
07/24	17:45:00	022:00:00	12841.13	6428.49
07/24	17:50:00	022:05:00	12842.10	6429.55
07/24	17:50:00	022:05:00	12842.13	6429.58
07/24	17:55:00	022:10:00	12843.04	6430.31
07/24	18:00:00	022:15:00	12843.88	6430.82
07/24	18:05:00	022:20:00	12844.95	6431.36
07/24	18:10:00	022:25:00	12845.70	6431.88
07/24	18:15:00	022:30:00	12846.68	6432.73
07/24	18:20:00	022:35:00	12847.63	6433.52
07/24	18:25:00	022:40:00	12848.25	6434.29
07/24	18:30:00	022:45:00	12849.10	6435.23
07/24	18:35:00	022:50:00	12849.93	6436.01
07/24	18:35:00	022:50:00	12849.97	6436.06
07/24	18:40:00	022:55:00	12850.87	6436.55
07/24	18:45:00	023:00:00	12851.78	6437.19
07/24	18:50:00	023:05:00	12852.56	6437.96
07/24	18:55:00	023:10:00	12853.39	6438.91
07/24	19:00:00	023:15:00	12854.15	6439.86
07/24	19:05:00	023:20:00	12855.13	6440.73
07/24	19:10:00	023:25:00	12855.87	6441.52
07/24	19:15:00	023:30:00	12856.72	6442.20
07/24	19:20:00	023:35:00	12857.53	6442.88
07/24	19:25:00	023:40:00	12858.36	6443.49
07/24	19:30:00	023:45:00	12859.26	6444.24
07/24	19:35:00	023:50:00	12860.14	6444.93
07/24	19:40:00	023:55:00	12860.98	6445.67
07/24	19:45:00	024:00:00	12861.76	6446.45
07/24	19:55:00	024:10:00	12863.41	6447.81
07/24	20:00:00	024:15:00	12864.23	6448.49
07/24	20:05:00	024:20:00	12864.94	6449.19
07/24	20:10:00	024:25:00	12865.73	6449.88
07/24	20:15:00	024:30:00	12866.46	6450.63
07/24	20:20:00	024:35:00	12867.16	6451.36
07/24	20:25:00	024:40:00	12868.02	6452.03
07/24	20:30:00	024:45:00	12868.90	6452.77
07/24	20:35:00	024:50:00	12869.75	6453.42
07/24	20:40:00	024:55:00	12870.48	6454.04
07/24	20:45:00	025:00:00	12871.20	6454.57
07/24	20:50:00	025:05:00	12871.91	6455.14
07/24	20:55:00	025:10:00	12872.65	6455.76
07/24	21:00:00	025:15:00	12873.49	6456.42
07/24	21:05:00	025:20:00	12874.10	6457.02
07/24	21:10:00	025:25:00	12874.93	6457.65
07/24	21:10:00	025:25:00	12874.95	6457.66

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/24	21:15:00	025:30:00	12875.65	6458.33
07/24	21:20:00	025:35:00	12876.50	6458.98
07/24	21:25:00	025:40:00	12877.18	6459.63
07/24	21:30:00	025:45:00	12877.87	6460.28
07/24	21:35:00	025:50:00	12878.70	6460.90
07/24	21:40:00	025:55:00	12879.48	6461.54
07/24	21:45:00	026:00:00	12880.30	6462.20
07/24	21:50:00	026:05:00	12880.86	6462.91
07/24	21:55:00	026:10:00	12881.54	6463.60
07/24	22:00:00	026:15:00	12882.34	6464.20
07/24	22:05:00	026:20:00	12882.91	6464.77
07/24	22:10:00	026:25:00	12883.50	6465.49
07/24	22:15:00	026:30:00	12884.31	6466.02
07/24	22:20:00	026:35:00	12885.03	6466.53
07/24	22:25:00	026:40:00	12885.62	6467.09
07/24	22:30:00	026:45:00	12885.77	6467.72
07/24	22:35:00	026:50:00	12886.40	6468.33
07/24	22:40:00	026:55:00	12887.70	6468.83
07/24	22:45:00	027:00:00	12888.41	6469.55
07/24	22:50:00	027:05:00	12889.06	6470.13
07/24	22:55:00	027:10:00	12889.85	6470.66
07/24	23:00:00	027:15:00	12890.46	6471.29
07/24	23:05:00	027:20:00	12891.09	6471.91
07/24	23:10:00	027:25:00	12891.72	6472.53
07/24	23:15:00	027:30:00	12892.41	6473.05
07/24	23:20:00	027:35:00	12893.19	6473.67
07/24	23:25:00	027:40:00	12893.75	6474.26
07/24	23:30:00	027:45:00	12894.49	6474.80
07/24	23:35:00	027:50:00	12894.98	6475.33
07/24	23:40:00	027:55:00	12895.59	6475.84
07/24	23:45:00	028:00:00	12896.26	6476.38
07/24	23:55:00	028:10:00	12897.72	6477.57
07/25	00:00:00	028:15:00	12898.23	6478.08
07/25	00:05:00	028:20:00	12898.83	6478.65
07/25	00:10:00	028:25:00	12899.42	6479.15
07/25	00:15:00	028:30:00	12900.05	6479.73
07/25	00:20:00	028:35:00	12900.70	6480.32
07/25	00:25:00	028:40:00	12901.40	6480.88
07/25	00:30:00	028:45:00	12902.02	6481.43
07/25	00:35:00	028:50:00	12902.56	6481.97
07/25	00:40:00	028:55:00	12903.12	6482.42
07/25	00:45:00	029:00:00	12903.77	6483.03
07/25	00:50:00	029:05:00	12904.42	6483.55
07/25	00:55:00	029:10:00	12905.05	6484.06
07/25	01:00:00	029:15:00	12905.74	6484.62
07/25	01:05:00	029:20:00	12906.33	6485.16
07/25	01:10:00	029:25:00	12906.95	6485.76
07/25	01:15:00	029:30:00	12907.52	6486.20
07/25	01:20:00	029:35:00	12908.19	6486.73
07/25	01:25:00	029:40:00	12908.66	6487.21
07/25	01:30:00	029:45:00	12909.28	6487.70
07/25	01:35:00	029:50:00	12909.82	6488.27
07/25	01:40:00	029:55:00	12910.35	6488.86
07/25	01:45:00	030:00:00	12911.05	6489.39
07/25	01:50:00	030:05:00	12911.44	6489.82
07/25	01:55:00	030:10:00	12912.08	6490.37
07/25	02:00:00	030:15:00	12912.68	6490.84
07/25	02:05:00	030:20:00	12913.10	6491.35
07/25	02:10:00	030:25:00	12913.75	6491.88
07/25	02:15:00	030:30:00	12914.39	6492.52

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/25	02:20:00	030:35:00	12914.93	6492.96
07/25	02:25:00	030:40:00	12915.34	6493.49
07/25	02:35:00	030:50:00	12916.53	6494.36
07/25	02:40:00	030:55:00	12916.95	6494.85
07/25	02:45:00	031:00:00	12917.70	6495.34
07/25	02:50:00	031:05:00	12918.00	6495.84
07/25	02:55:00	031:10:00	12918.53	6496.36
07/25	03:00:00	031:15:00	12919.08	6496.84
07/25	03:05:00	031:20:00	12919.63	6497.30
07/25	03:10:00	031:25:00	12920.17	6497.76
07/25	03:15:00	031:30:00	12920.70	6498.18
07/25	03:20:00	031:35:00	12921.29	6498.66
07/25	03:25:00	031:40:00	12921.65	6499.16
07/25	03:30:00	031:45:00	12922.22	6499.58
07/25	03:35:00	031:50:00	12922.83	6500.06
07/25	03:40:00	031:55:00	12923.45	6500.57
07/25	03:45:00	032:00:00	12923.80	6501.02
07/25	03:50:00	032:05:00	12924.34	6501.65
07/25	03:55:00	032:10:00	12924.83	6502.17
07/25	04:00:00	032:15:00	12925.26	6502.61
07/25	04:05:00	032:20:00	12925.68	6503.04
07/25	04:10:00	032:25:00	12926.30	6503.41
07/25	04:15:00	032:30:00	12926.80	6503.79
07/25	04:20:00	032:35:00	12927.26	6504.17
07/25	04:25:00	032:40:00	12927.93	6504.66
07/25	04:30:00	032:45:00	12928.43	6505.11
07/25	04:35:00	032:50:00	12928.80	6505.54
07/25	04:40:00	032:55:00	12929.39	6506.00
07/25	04:45:00	033:00:00	12929.86	6506.48
07/25	04:50:00	033:05:00	12930.36	6506.99
07/25	04:55:00	033:10:00	12931.04	6507.47
07/25	05:00:00	033:15:00	12931.39	6507.94
07/25	05:05:00	033:20:00	12931.91	6508.37
07/25	05:10:00	033:25:00	12932.35	6508.75
07/25	05:15:00	033:30:00	12933.00	6509.16
07/25	05:20:00	033:35:00	12933.52	6509.58
07/25	05:25:00	033:40:00	12933.96	6510.00
07/25	05:30:00	033:45:00	12934.39	6510.42
07/25	05:35:00	033:50:00	12934.79	6510.85
07/25	05:40:00	033:55:00	12935.32	6511.22
07/25	05:45:00	034:00:00	12935.77	6511.65
07/25	05:50:00	034:05:00	12936.39	6512.03
07/25	05:55:00	034:10:00	12936.85	6512.41
07/25	06:00:00	034:15:00	12937.25	6512.80
07/25	06:05:00	034:20:00	12937.84	6513.26
07/25	06:10:00	034:25:00	12938.21	6513.73
07/25	06:15:00	034:30:00	12938.58	6514.17
07/25	06:20:00	034:35:00	12938.96	6514.60
07/25	06:25:00	034:40:00	12939.51	6514.98
07/25	06:30:00	034:45:00	12939.90	6515.37
07/25	06:35:00	034:50:00	12940.07	6515.74
07/25	06:40:00	034:55:00	12940.52	6516.05
07/25	06:45:00	035:00:00	12940.99	6516.29
07/25	06:50:00	035:05:00	12941.51	6516.57
07/25	06:55:00	035:10:00	12942.00	6516.78
07/25	07:00:00	035:15:00	12942.19	6517.05
07/25	07:05:00	035:20:00	12943.06	6517.19
07/25	07:10:00	035:25:00	12943.42	6517.54
07/25	07:15:00	035:30:00	12943.94	6518.11
07/25	07:20:00	035:35:00	12944.28	6518.56

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/25	07:20:00	035:35:00	12944.27	6518.57
07/25	07:25:00	035:40:00	12944.86	6518.54
07/25	07:30:00	035:45:00	12945.32	6518.45
07/25	07:35:00	035:50:00	12945.87	6518.62
07/25	07:40:00	035:55:00	12946.32	6518.77
07/25	07:45:00	036:00:00	12946.78	6519.02
07/25	07:50:00	036:05:00	12947.24	6519.40
07/25	07:55:00	036:10:00	12947.69	6520.05
07/25	08:00:00	036:15:00	12948.15	6520.81
07/25	08:05:00	036:20:00	12948.52	6521.22
07/25	08:10:00	036:25:00	12948.96	6521.38
07/25	08:15:00	036:30:00	12949.45	6522.02
07/25	08:20:00	036:35:00	12949.86	6522.62
07/25	08:25:00	036:40:00	12950.47	6523.27
07/25	08:30:00	036:45:00	12951.15	6523.87
07/25	08:35:00	036:50:00	12951.24	6524.47
07/25	08:40:00	036:55:00	12951.71	6524.80
07/25	08:45:00	037:00:00	12952.11	6524.98
07/25	08:50:00	037:05:00	12952.53	6525.37
07/25	08:55:00	037:10:00	12952.94	6525.61
07/25	09:00:00	037:15:00	12953.23	6525.96
07/25	09:05:00	037:20:00	12953.72	6526.25
07/25	09:10:00	037:25:00	12954.25	6525.87
07/25	09:15:00	037:30:00	12954.70	6526.69
07/25	09:20:00	037:35:00	12955.07	6526.79
07/25	09:25:00	037:40:00	12955.28	6527.66
07/25	09:30:00	037:45:00	12955.75	6528.19
07/25	09:35:00	037:50:00	12956.11	6529.49
07/25	09:40:00	037:55:00	12956.59	6530.06
07/25	09:40:00	037:55:00	12956.59	6530.10
07/25	09:45:00	038:00:00	12956.72	6530.43
07/25	09:50:00	038:05:00	12957.06	6530.02
07/25	09:55:00	038:10:00	12957.42	6529.10
07/25	10:00:00	038:15:00	12957.87	6530.41
07/25	10:05:00	038:20:00	12958.25	6529.70
07/25	10:10:00	038:25:00	12958.84	6529.96
07/25	10:15:00	038:30:00	12959.13	6530.72
07/25	10:20:00	038:35:00	12959.34	6531.39
07/25	10:25:00	038:40:00	12959.93	6532.43
07/25	10:25:00	038:40:00	12959.92	6532.44
07/25	10:30:00	038:45:00	12963.85	6532.95
07/25	10:35:00	038:50:00	12964.25	6533.52
07/25	10:40:00	038:55:00	12964.59	6533.80
07/25	10:45:00	039:00:00	12964.80	6535.07
07/25	10:50:00	039:05:00	12965.20	6536.04
07/25	10:55:00	039:10:00	12965.61	6535.34
07/25	11:00:00	039:15:00	12966.07	6536.94
07/25	11:05:00	039:20:00	12965.72	6535.00
07/25	11:10:00	039:25:00	12966.04	6534.42
07/25	11:15:00	039:30:00	12966.53	6536.65
07/25	11:25:00	039:40:00	12967.34	6535.61
07/25	11:25:00	039:40:00	12967.35	6535.65
07/25	11:30:00	039:45:00	12967.67	6536.54
07/25	11:35:00	039:50:00	12968.04	6536.60
07/25	11:40:00	039:55:00	12968.29	6536.75
07/25	11:45:00	040:00:00	12968.79	6537.25
07/25	11:45:00	040:00:00	12968.79	6537.27
07/25	11:50:00	040:05:00	12969.23	6540.03
07/25	11:55:00	040:10:00	12969.49	6542.13
07/25	12:00:00	040:15:00	12969.85	6540.24

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/25	12:05:00	040:20:00	12970.19	6539.39
07/25	12:10:00	040:25:00	12970.62	6540.90
07/25	12:15:00	040:30:00	12970.78	6541.91
07/25	12:20:00	040:35:00	12971.25	6541.31
07/25	12:25:00	040:40:00	12971.50	6543.32
07/25	12:30:00	040:45:00	12972.00	6541.96
07/25	12:35:00	040:50:00	12972.28	6541.28
07/25	12:40:00	040:55:00	12972.62	6541.22
07/25	12:45:00	041:00:00	12972.84	6541.88
07/25	12:50:00	041:05:00	12973.31	6542.95
07/25	13:00:00	041:15:00	12973.99	6543.58
07/25	13:05:00	041:20:00	12974.31	6544.37
07/25	13:10:00	041:25:00	12974.61	6545.10
07/25	13:15:00	041:30:00	12974.97	6544.02
07/25	13:20:00	041:35:00	12975.30	6544.10
07/25	13:25:00	041:40:00	12975.59	6544.34
07/25	13:30:00	041:45:00	12976.05	6545.71
07/25	13:35:00	041:50:00	12976.33	6543.98
07/25	13:40:00	041:55:00	12976.65	6543.42
07/25	13:45:00	042:00:00	12977.02	6544.80
07/25	13:50:00	042:05:00	12977.33	6548.04
07/25	13:55:00	042:10:00	12977.62	6546.56
07/25	14:00:00	042:15:00	12978.02	6546.02
07/25	14:05:00	042:20:00	12978.39	6546.00
07/25	14:10:00	042:25:00	12978.83	6545.87
07/25	14:15:00	042:30:00	12979.08	6547.89
07/25	14:20:00	042:35:00	12979.26	6548.12
07/25	14:25:00	042:40:00	12979.62	6550.89
07/25	14:30:00	042:45:00	12979.93	6552.07
07/25	14:35:00	042:50:00	12980.28	6550.08
07/25	14:40:00	042:55:00	12980.74	6551.03
07/25	14:45:00	043:00:00	12980.91	6553.23
07/25	14:50:00	043:05:00	12981.21	6554.10
07/25	14:55:00	043:10:00	12981.60	6553.79
07/25	15:00:00	043:15:00	12981.88	6551.89
07/25	15:05:00	043:20:00	12982.20	6549.35
07/25	15:10:00	043:25:00	12982.43	6549.73
07/25	15:15:00	043:30:00	12982.87	6549.81
07/25	15:20:00	043:35:00	12983.23	6549.88
07/25	15:25:00	043:40:00	12983.45	6550.61
07/25	15:30:00	043:45:00	12983.77	6551.54
07/25	15:35:00	043:50:00	12984.08	6552.70
07/25	15:40:00	043:55:00	12984.41	6553.14
07/25	15:45:00	044:00:00	12984.82	6552.99
07/25	15:50:00	044:05:00	12985.05	6553.45
07/25	15:55:00	044:10:00	12985.46	6553.04
07/25	16:00:00	044:15:00	12985.66	6553.05
07/25	16:05:00	044:20:00	12985.88	6553.29
07/25	16:10:00	044:25:00	12986.25	6554.73
07/25	16:15:00	044:30:00	12986.62	6555.18
07/25	16:20:00	044:35:00	12986.92	6555.74
07/25	16:25:00	044:40:00	12987.13	6556.43
07/25	16:30:00	044:45:00	12987.57	6556.78
07/25	16:35:00	044:50:00	12987.87	6556.74
07/25	16:40:00	044:55:00	12988.04	6556.59
07/25	16:45:00	045:00:00	12988.36	6556.10
07/25	16:50:00	045:05:00	12988.54	6556.03
07/25	16:55:00	045:10:00	12988.94	6556.31
07/25	17:00:00	045:15:00	12989.34	6557.01
07/25	17:05:00	045:20:00	12989.68	6557.19

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/25	17:10:00	045:25:00	12989.87	6557.09
07/25	17:15:00	045:30:00	12990.08	6557.20
07/25	17:20:00	045:35:00	12990.34	6557.28
07/25	17:30:00	045:45:00	12991.13	6558.00
07/25	17:35:00	045:50:00	12991.29	6558.27
07/25	17:40:00	045:55:00	12991.71	6558.48
07/25	17:45:00	046:00:00	12991.90	6558.74
07/25	17:50:00	046:05:00	12992.08	6559.05
07/25	17:55:00	046:10:00	12992.32	6559.16
07/25	18:00:00	046:15:00	12992.59	6559.24
07/25	18:05:00	046:20:00	12993.05	6559.17
07/25	18:10:00	046:25:00	12993.26	6559.31
07/25	18:15:00	046:30:00	12993.60	6560.01
07/25	18:20:00	046:35:00	12993.93	6560.37
07/25	18:25:00	046:40:00	12994.10	6560.92
07/25	18:30:00	046:45:00	12994.42	6561.36
07/25	18:35:00	046:50:00	12994.67	6561.63
07/25	18:40:00	046:55:00	12994.91	6561.72
07/25	18:40:00	046:55:00	12994.91	6561.73
07/25	18:45:00	047:00:00	12995.10	6561.70
07/25	18:50:00	047:05:00	12995.38	6561.85
07/25	18:55:00	047:10:00	12995.70	6562.11
07/25	19:00:00	047:15:00	12995.94	6562.38
07/25	19:05:00	047:20:00	12996.27	6562.54
07/25	19:10:00	047:25:00	12996.51	6562.62
07/25	19:15:00	047:30:00	12996.92	6562.73
07/25	19:20:00	047:35:00	12997.03	6562.86
07/25	19:25:00	047:40:00	12997.47	6562.97
07/25	19:30:00	047:45:00	12997.63	6563.26
07/25	19:35:00	047:50:00	12997.79	6563.59
07/25	19:40:00	047:55:00	12998.02	6563.94
07/25	19:45:00	048:00:00	12998.49	6564.32
07/25	19:50:00	048:05:00	12998.66	6564.65
07/25	19:55:00	048:10:00	12998.73	6564.89
07/25	20:00:00	048:15:00	12999.14	6565.12
07/25	20:05:00	048:20:00	12999.51	6565.32
07/25	20:10:00	048:25:00	12999.64	6565.51
07/25	20:15:00	048:30:00	12997.78	6565.70
07/25	20:20:00	048:35:00	12999.02	6565.87
07/25	20:25:00	048:40:00	12996.76	6566.06
07/25	20:30:00	048:45:00	13000.00	6566.26
07/25	20:35:00	048:50:00	12995.14	6566.45
07/25	20:40:00	048:55:00	12999.11	6566.67
07/25	20:45:00	049:00:00	13001.49	6566.79
07/25	20:50:00	049:05:00	13001.00	6567.09
07/25	20:55:00	049:10:00	13002.08	6567.28
07/25	21:00:00	049:15:00	13002.23	6567.62
07/25	21:05:00	049:20:00	13002.49	6567.83
07/25	21:10:00	049:25:00	13002.04	6568.06
07/25	21:15:00	049:30:00	13003.22	6568.20
07/25	21:25:00	049:40:00	13003.70	6568.61
07/25	21:30:00	049:45:00	13003.78	6568.84
07/25	21:35:00	049:50:00	13003.27	6569.09
07/25	21:40:00	049:55:00	13004.32	6569.27
07/25	21:45:00	050:00:00	13004.50	6569.40
07/25	21:50:00	050:05:00	13004.71	6569.63
07/25	21:55:00	050:10:00	13004.93	6569.83
07/25	22:00:00	050:15:00	13004.51	6570.06
07/25	22:05:00	050:20:00	13005.47	6570.24
07/25	22:10:00	050:25:00	13005.75	6570.48

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/25	22:15:00	050:30:00	13005.94	6570.61
07/25	22:20:00	050:35:00	13005.35	6570.76
07/25	22:25:00	050:40:00	13006.37	6571.00
07/25	22:30:00	050:45:00	13006.04	6571.20
07/25	22:35:00	050:50:00	13006.88	6571.42
07/25	22:40:00	050:55:00	13007.14	6571.69
07/25	22:45:00	051:00:00	13007.39	6571.94
07/25	22:50:00	051:05:00	13007.60	6572.28
07/25	22:55:00	051:10:00	13007.85	6572.56
07/25	23:00:00	051:15:00	13006.50	6572.66
07/25	23:05:00	051:20:00	13008.35	6572.87
07/25	23:15:00	051:30:00	13008.81	6573.19
07/25	23:20:00	051:35:00	13009.06	6573.35
07/25	23:25:00	051:40:00	13008.58	6573.55
07/25	23:30:00	051:45:00	13008.91	6573.71
07/25	23:35:00	051:50:00	13007.62	6573.90
07/25	23:40:00	051:55:00	13010.01	6574.02
07/25	23:45:00	052:00:00	13008.13	6574.33
07/25	23:50:00	052:05:00	13009.05	6574.65
07/25	23:55:00	052:10:00	13010.55	6574.80
07/26	00:00:00	052:15:00	13010.15	6575.02
07/26	00:05:00	052:20:00	13011.16	6575.22
07/26	00:10:00	052:25:00	13010.59	6575.38
07/26	00:15:00	052:30:00	13010.94	6575.56
07/26	00:20:00	052:35:00	13011.12	6575.77
07/26	00:25:00	052:40:00	13012.07	6575.98
07/26	00:30:00	052:45:00	13012.33	6576.14
07/26	00:35:00	052:50:00	13008.86	6576.33
07/26	00:40:00	052:55:00	13012.13	6576.55
07/26	00:45:00	053:00:00	13012.93	6576.77
07/26	00:50:00	053:05:00	13013.07	6576.95
07/26	00:55:00	053:10:00	13012.60	6577.13
07/26	01:00:00	053:15:00	13013.67	6577.37
07/26	01:05:00	053:20:00	13013.74	6577.55
07/26	01:10:00	053:25:00	13014.00	6577.72
07/26	01:15:00	053:30:00	13013.57	6577.87
07/26	01:20:00	053:35:00	13014.50	6578.07
07/26	01:25:00	053:40:00	13014.68	6578.25
07/26	01:35:00	053:50:00	13015.07	6578.61
07/26	01:40:00	053:55:00	13015.30	6578.79
07/26	01:45:00	054:00:00	13015.51	6579.01
07/26	01:50:00	054:05:00	13015.71	6579.22
07/26	01:55:00	054:10:00	13015.39	6579.38

Pulled out to run Gearhart Owen sample tool.

07/26	02:00:00	000:00:00	13015.43	6579.60
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Date	Time	Elapsed Time	H.F. PSIA	Surface PSIA
07/29	16:00:00	086:00:00	13165.38	6666.16
07/29	16:00:00	086:00:00	13165.25	6666.10
07/29	16:05:00	086:05:00	13147.52	6667.28
07/29	16:10:00	086:10:00	13125.31	6666.76
07/29	16:15:00	086:15:00	13130.84	6667.01
07/29	16:20:00	086:20:00	13133.00	6666.85
07/29	16:25:00	086:25:00	13133.91	6666.95
07/29	16:30:00	086:30:00	13134.25	6666.67
07/29	16:35:00	086:35:00	13134.30	6666.80
07/29	16:40:00	086:40:00	13134.51	6667.03
07/29	16:45:00	086:45:00	13134.47	6667.34
07/29	16:50:00	086:50:00	13134.56	6667.63
07/29	16:55:00	086:55:00	13134.59	6667.77
07/29	17:00:00	087:00:00	13134.64	6668.10
07/29	17:05:00	087:05:00	13134.76	6667.96
07/29	17:10:00	087:10:00	13134.85	6667.77
07/29	17:15:00	087:15:00	13134.92	6667.43
07/29	17:20:00	087:20:00	13135.01	6668.36
07/29	17:25:00	087:25:00	13134.98	6668.55
07/29	17:30:00	087:30:00	13134.90	6668.78
07/29	17:35:00	087:35:00	13135.02	6668.71
07/29	17:40:00	087:40:00	13135.05	6668.45
07/29	17:45:00	087:45:00	13135.11	6668.61
07/29	17:50:00	087:50:00	13135.22	6668.82
07/29	17:55:00	087:55:00	13135.23	6668.89
07/29	18:00:00	088:00:00	13135.36	6669.24
07/29	18:05:00	088:05:00	13135.35	6669.32
07/29	18:10:00	088:10:00	13135.46	6669.11
07/29	18:15:00	088:15:00	13135.44	6668.92
07/29	18:20:00	088:20:00	13135.62	6668.60
07/29	18:25:00	088:25:00	13135.42	6668.26
07/29	18:30:00	088:30:00	13135.58	6668.06
07/29	18:35:00	088:35:00	13135.70	6668.00
07/29	18:40:00	088:40:00	13135.76	6667.99
07/29	18:45:00	088:45:00	13135.83	6667.80
07/29	18:50:00	088:50:00	13135.87	6667.79
07/29	18:55:00	088:55:00	13135.91	6667.74
07/29	19:00:00	089:00:00	13136.04	6667.64
07/29	19:05:00	089:05:00	13136.05	6667.59
07/29	19:10:00	089:10:00	13136.13	6667.55
07/29	19:15:00	089:15:00	13136.21	6667.60
07/29	19:25:00	089:25:00	13136.18	6667.57
07/29	19:30:00	089:30:00	13136.28	6667.65
07/29	19:35:00	089:35:00	13136.36	6667.62
07/29	19:40:00	089:40:00	13136.28	6667.76
07/29	19:45:00	089:45:00	13136.41	6667.78
07/29	19:50:00	089:50:00	13136.54	6667.94
07/29	19:50:00	089:50:00	13136.55	6667.93
07/29	19:55:00	089:55:00	13136.48	6667.94
07/29	20:00:00	090:00:00	13136.57	6667.99
07/29	20:05:00	090:05:00	13136.57	6668.13
07/29	20:10:00	090:10:00	13136.67	6668.09
07/29	20:15:00	090:15:00	13136.80	6668.14
07/29	20:20:00	090:20:00	13136.73	6668.12
07/29	20:25:00	090:25:00	13136.77	6668.17
07/29	20:30:00	090:30:00	13136.96	6668.16
07/29	20:35:00	090:35:00	13136.99	6668.14
07/29	20:40:00	090:40:00	13137.01	6668.07
07/29	20:45:00	090:45:00	13136.98	6668.07
07/29	20:50:00	090:50:00	13137.12	6668.03

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/29	20:55:00	090:55:00	13137.15	6668.05
07/29	21:00:00	091:00:00	13137.12	6668.07
07/29	21:05:00	091:05:00	13137.15	6668.09
07/29	21:10:00	091:10:00	13137.22	6668.09
07/29	21:15:00	091:15:00	13137.39	6668.14
07/29	21:25:00	091:25:00	13137.34	6667.53
07/29	21:30:00	091:30:00	13136.70	6667.70
07/29	21:35:00	091:35:00	13136.66	6667.90
07/29	21:39:00	091:39:00	12747.88	6701.23
07/29	21:39:00	091:39:00	13094.77	6630.63
07/29	21:39:10	091:39:10	13104.82	6638.33
07/29	21:39:20	091:39:20	13111.11	6634.49
07/29	21:39:30	091:39:30	13114.15	6641.44
07/29	21:39:40	091:39:40	13116.44	6647.39
07/29	21:39:50	091:39:50	13118.03	6641.94
07/29	21:40:00	091:40:00	13118.24	6644.57
07/29	21:40:10	091:40:10	13118.79	6645.92
07/29	21:40:20	091:40:20	13119.48	6646.04
07/29	21:40:30	091:40:30	13119.86	6646.64
07/29	21:40:40	091:40:40	13119.98	6646.73
07/29	21:40:50	091:40:50	13120.23	6646.84
07/29	21:41:00	091:41:00	13120.38	6646.49
07/29	21:41:10	091:41:10	13109.76	6586.76
07/29	21:41:20	091:41:20	13111.87	6623.28
07/29	21:41:30	091:41:30	13108.67	6629.11
07/29	21:41:40	091:41:40	13109.75	6621.56
07/29	21:41:50	091:41:50	13109.35	6623.82
07/29	21:42:00	091:42:00	13103.69	6603.33
07/29	21:42:10	091:42:10	13077.74	5149.66
07/29	21:42:20	091:42:20	12938.39	6073.39
07/29	21:42:30	091:42:30	13085.36	6536.31
07/29	21:42:40	091:42:40	13101.84	6599.56
07/29	21:42:50	091:42:50	13101.19	6613.31
07/29	21:43:00	091:43:00	13102.52	6627.36
07/29	21:43:10	091:43:10	13100.35	6613.42
07/29	21:43:20	091:43:20	13101.89	6621.17
07/29	21:43:30	091:43:30	13102.62	6624.30
07/29	21:43:40	091:43:40	13103.33	6625.07
07/29	21:43:50	091:43:50	13103.14	6625.89
07/29	21:44:00	091:44:00	13102.97	6626.63
07/29	21:44:10	091:44:10	13102.93	6626.13
07/29	21:44:20	091:44:20	13102.80	6625.07
07/29	21:44:30	091:44:30	13102.37	6626.21
07/29	21:44:40	091:44:40	13102.58	6626.30
07/29	21:44:50	091:44:50	13102.53	6626.56
07/29	21:45:00	091:45:00	13102.40	6626.98
07/29	21:45:10	091:45:10	13102.27	6627.48
07/29	21:45:20	091:45:20	13102.11	6627.24
07/29	21:45:30	091:45:30	13101.98	6627.04
07/29	21:45:40	091:45:40	13101.75	6627.05
07/29	21:45:50	091:45:50	13101.54	6627.18
07/29	21:46:00	091:46:00	13101.31	6627.37
07/29	21:46:10	091:46:10	13101.16	6627.75
07/29	21:46:20	091:46:20	13100.87	6627.81
07/29	21:46:30	091:46:30	13099.05	6630.77
07/29	21:46:40	091:46:40	13095.11	6607.77
07/29	21:46:50	091:46:50	13096.33	6609.24
07/29	21:47:10	091:47:10	13094.11	6363.07
07/29	21:47:10	091:47:10	13059.00	6494.16
07/29	21:47:20	091:47:20	13056.66	6476.76

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/29	21:47:40	091:47:40	13061.63	6512.48
07/29	21:48:00	091:48:00	13061.90	6517.19
07/29	21:48:00	091:48:00	13062.07	6520.83
07/29	21:48:10	091:48:10	13038.33	6327.93
07/29	21:48:20	091:48:20	13012.85	6136.73
07/29	21:48:30	091:48:30	12884.83	4907.97
07/29	21:48:40	091:48:40	13078.35	6729.02
07/29	21:48:50	091:48:50	13076.69	6653.97
07/29	21:49:00	091:49:00	13076.91	6617.26
07/29	21:49:10	091:49:10	13080.21	6616.70
07/29	21:49:20	091:49:20	13082.32	6618.34
07/29	21:49:30	091:49:30	13080.30	6601.32
07/29	21:49:40	091:49:40	13082.93	6608.43
07/29	21:49:50	091:49:50	13083.65	6614.62
07/29	21:50:00	091:50:00	13084.19	6619.44
07/29	21:50:10	091:50:10	13084.66	6620.17
07/29	21:50:20	091:50:20	13084.95	6620.56
07/29	21:50:30	091:50:30	13082.94	6618.97
07/29	21:50:40	091:50:40	13084.45	6617.03
07/29	21:50:50	091:50:50	13085.26	6620.61
07/29	21:51:00	091:51:00	13085.66	6621.94
07/29	21:51:10	091:51:10	13085.89	6622.63
07/29	21:51:20	091:51:20	13086.28	6623.11
07/29	21:51:30	091:51:30	13081.57	6590.08
07/29	21:51:40	091:51:40	13079.65	6605.28
07/29	21:51:50	091:51:50	13078.01	6449.12
07/29	21:52:00	091:52:00	13034.21	6367.87
07/29	21:52:10	091:52:10	13039.24	6443.59
07/29	21:52:20	091:52:20	12923.40	4757.45
07/29	21:52:30	091:52:30	13039.89	6717.91
07/29	21:52:40	091:52:40	13065.96	6633.98
07/29	21:52:50	091:52:50	13075.06	6622.17
07/29	21:53:00	091:53:00	13079.29	6625.30
07/29	21:53:10	091:53:10	13081.52	6628.06
07/29	21:53:20	091:53:20	13082.77	6629.83
07/29	21:53:30	091:53:30	13083.78	6631.44
07/29	21:53:40	091:53:40	13084.38	6632.03
07/29	21:53:50	091:53:50	13084.88	6632.54
07/29	21:54:00	091:54:00	13085.23	6632.95
07/29	21:54:10	091:54:10	13085.53	6632.96
07/29	21:54:20	091:54:20	13085.80	6633.44
07/29	21:54:30	091:54:30	13086.01	6633.88
07/29	21:54:40	091:54:40	13086.20	6634.18
07/29	21:54:50	091:54:50	13086.44	6634.64
07/29	21:55:00	091:55:00	13086.56	6634.06
07/29	21:55:10	091:55:10	13086.81	6634.45
07/29	21:55:30	091:55:30	13083.00	6634.82
07/29	21:55:30	091:55:30	13083.62	6623.76
07/29	21:55:40	091:55:40	13084.41	6628.04
07/29	21:55:50	091:55:50	13047.64	6167.33
07/29	21:56:00	091:56:00	13075.54	6652.29
07/29	21:56:10	091:56:10	13098.86	6672.19
07/29	21:56:20	091:56:20	13098.42	6671.98
07/29	21:56:30	091:56:30	13096.70	6671.40
07/29	21:56:40	091:56:40	13098.23	6664.87
07/29	21:56:50	091:56:50	13099.62	6656.74
07/29	21:57:00	091:57:00	13100.77	6658.54
07/29	21:57:10	091:57:10	13101.65	6658.91
07/29	21:57:20	091:57:20	13102.31	6660.07
07/29	21:57:30	091:57:30	13102.83	6661.04

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/29	21:57:40	091:57:40	13103.26	6661.43
07/29	21:57:50	091:57:50	13103.71	6661.63
07/29	21:58:00	091:58:00	13104.11	6661.94
07/29	21:58:10	091:58:10	13104.52	6662.19
07/29	21:58:20	091:58:20	13104.78	6662.50
07/29	21:58:30	091:58:30	13105.10	6662.78
07/29	21:58:40	091:58:40	13105.43	6662.80
07/29	21:58:50	091:58:50	13105.71	6663.16
07/29	21:59:00	091:59:00	13105.91	6663.28
07/29	21:59:10	091:59:10	13106.16	6663.44
07/29	21:59:20	091:59:20	13106.40	6663.53
07/29	21:59:30	091:59:30	13106.60	6663.66
07/29	21:59:40	091:59:40	13106.76	6663.79
07/29	21:59:50	091:59:50	13106.97	6663.99
07/29	22:00:00	092:00:00	13107.17	6664.02
07/29	22:00:10	092:00:10	13107.33	6664.17
07/29	22:00:20	092:00:20	13107.48	6664.29
07/29	22:00:40	092:00:40	13107.66	6664.37
07/29	22:00:40	092:00:40	13107.84	6664.57
07/29	22:00:50	092:00:50	13108.01	6664.59
07/29	22:01:00	092:01:00	13108.14	6664.67
07/29	22:01:20	092:01:20	13108.29	6664.72
07/29	22:01:20	092:01:20	13108.41	6664.80
07/29	22:01:30	092:01:30	13108.60	6664.91
07/29	22:01:40	092:01:40	13108.70	6664.95
07/29	22:01:50	092:01:50	13108.81	6665.11
07/29	22:02:00	092:02:00	13108.97	6665.11
07/29	22:02:10	092:02:10	13109.09	6665.17
07/29	22:02:20	092:02:20	13109.19	6665.25
07/29	22:02:30	092:02:30	13109.31	6665.30
07/29	22:02:40	092:02:40	13109.46	6665.36
07/29	22:02:50	092:02:50	13109.59	6665.38
07/29	22:03:00	092:03:00	13109.67	6665.47
07/29	22:03:10	092:03:10	13109.78	6665.54
07/29	22:03:20	092:03:20	13109.92	6665.52
07/29	22:03:30	092:03:30	13110.02	6665.64
07/29	22:03:40	092:03:40	13110.12	6665.64
07/29	22:03:50	092:03:50	13110.21	6665.76
07/29	22:04:00	092:04:00	13110.30	6665.85
07/29	22:04:10	092:04:10	13110.42	6665.91
07/29	22:04:20	092:04:20	13110.51	6665.83
07/29	22:04:30	092:04:30	13110.61	6665.91
07/29	22:04:40	092:04:40	13110.69	6665.91
07/29	22:04:50	092:04:50	13110.83	6665.95
07/29	22:05:00	092:05:00	13110.93	6665.87
07/29	22:05:10	092:05:10	13111.03	6666.04
07/29	22:05:20	092:05:20	13111.12	6666.10
07/29	22:05:30	092:05:30	13111.21	6666.12

Opened well for 2nd draw-down.

07/29	22:05:40	000:00:00	13110.65	6633.82
07/29	22:05:50	000:00:10	13109.90	6656.76
07/29	22:06:00	000:00:20	13108.85	6625.69
07/29	22:06:10	000:00:30	13079.68	6546.62
07/29	22:06:20	000:00:40	13065.66	6475.64
07/29	22:06:30	000:00:50	13017.29	6166.49
07/29	22:06:40	000:01:00	12993.52	6098.97
07/29	22:06:50	000:01:10	12981.31	6044.58
07/29	22:07:00	000:01:20	12969.76	5988.56

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/29	22:07:10	000:01:30	12957.68	5844.85
07/29	22:07:20	000:01:40	12941.75	5779.35
07/29	22:07:30	000:01:50	12923.42	5617.60
07/29	22:07:40	000:02:00	12923.42	5530.23
07/29	22:07:50	000:02:10	12901.49	5526.16
07/29	22:08:00	000:02:20	12895.60	5505.34
07/29	22:08:10	000:02:30	12887.69	5458.14
07/29	22:08:20	000:02:40	12875.66	5306.20
07/29	22:08:30	000:02:50	12863.49	5262.76
07/29	22:08:40	000:03:00	12858.02	5256.77
07/29	22:08:50	000:03:10	12854.03	5253.08
07/29	22:09:00	000:03:20	12851.17	5251.95
07/29	22:09:10	000:03:30	12847.81	5252.79
07/29	22:09:20	000:03:40	12844.71	5250.62
07/29	22:09:30	000:03:50	12842.02	5251.54
07/29	22:09:40	000:04:00	12839.92	5249.94
07/29	22:09:50	000:04:10	12837.17	5249.33
07/29	22:10:00	000:04:20	12834.44	5247.82
07/29	22:10:10	000:04:30	12831.89	5246.83
07/29	22:10:20	000:04:40	12829.91	5243.25
07/29	22:10:30	000:04:50	12827.48	5248.18
07/29	22:10:40	000:05:00	12825.03	5244.97
07/29	22:10:50	000:05:10	12822.63	5244.46
07/29	22:11:00	000:05:20	12820.86	5243.27
07/29	22:11:10	000:05:30	12818.57	5244.59
07/29	22:11:20	000:05:40	12816.40	5245.27
07/29	22:11:30	000:05:50	12814.32	5244.76
07/29	22:11:40	000:06:00	12812.64	5244.01
07/29	22:11:50	000:06:10	12810.55	5245.64
07/29	22:12:00	000:06:20	12808.50	5243.84
07/29	22:12:10	000:06:30	12807.03	5243.62
07/29	22:12:20	000:06:40	12804.99	5243.66
07/29	22:12:30	000:06:50	12802.95	5241.69
07/29	22:12:40	000:07:00	12801.02	5242.82
07/29	22:12:50	000:07:10	12799.66	5242.38
07/29	22:13:00	000:07:20	12797.71	5242.47
07/29	22:13:10	000:07:30	12795.79	5242.75
07/29	22:13:20	000:07:40	12794.04	5241.12
07/29	22:13:30	000:07:50	12792.66	5242.11
07/29	22:13:40	000:08:00	12790.92	5242.68
07/29	22:13:50	000:08:10	12789.19	5243.49
07/29	22:14:00	000:08:20	12787.52	5243.10
07/29	22:14:10	000:08:30	12786.39	5246.91
07/29	22:14:20	000:08:40	12784.80	5246.89
07/29	22:14:30	000:08:50	12782.99	5244.56
07/29	22:14:40	000:09:00	12781.40	5245.99
07/29	22:14:50	000:09:10	12780.09	5246.54
07/29	22:15:00	000:09:20	12778.54	5246.59
07/29	22:15:10	000:09:30	12776.93	5246.78
07/29	22:15:20	000:09:40	12775.38	5247.06
07/29	22:15:30	000:09:50	12774.25	5247.74
07/29	22:15:40	000:10:00	12772.65	5246.63
07/29	22:15:50	000:10:10	12771.15	5248.54
07/29	22:16:00	000:10:20	12769.90	5249.83
07/29	22:16:10	000:10:30	12768.54	5248.18
07/29	22:16:20	000:10:40	12767.27	5248.86
07/29	22:16:30	000:10:50	12765.82	5247.32
07/29	22:16:40	000:11:00	12764.59	5248.40
07/29	22:16:50	000:11:10	12763.78	5250.82
07/29	22:17:00	000:11:20	12762.39	5249.65

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/29	22:17:10	000:11:30	12761.07	5250.92
07/29	22:17:20	000:11:40	12759.42	5247.53
07/29	22:17:30	000:11:50	12758.26	5248.55
07/29	22:17:40	000:12:00	12756.89	5249.88
07/29	22:17:50	000:12:10	12755.91	5253.49
07/29	22:18:00	000:12:20	12754.88	5253.57
07/29	22:18:20	000:12:40	12753.44	5252.24
07/29	22:18:20	000:12:40	12752.22	5252.21
07/29	22:18:30	000:12:50	12751.01	5254.44
07/29	22:18:40	000:13:00	12750.13	5257.00
07/29	22:19:00	000:13:20	12748.87	5256.01
07/29	22:19:00	000:13:20	12747.64	5256.14
07/29	22:19:10	000:13:30	12746.31	5255.55
07/29	22:19:20	000:13:40	12745.30	5255.56
07/29	22:19:40	000:14:00	12744.05	5254.41
07/29	22:19:40	000:14:00	12742.63	5254.91
07/29	22:19:50	000:14:10	12741.43	5254.95
07/29	22:20:00	000:14:20	12740.57	5255.53
07/29	22:20:20	000:14:40	12739.39	5254.96
07/29	22:20:20	000:14:40	12738.04	5254.14
07/29	22:20:30	000:14:50	12736.95	5254.73
07/29	22:20:40	000:15:00	12736.09	5255.38
07/29	22:21:00	000:15:20	12734.90	5255.44
07/29	22:21:00	000:15:20	12733.76	5256.19
07/29	22:21:10	000:15:30	12732.71	5258.57
07/29	22:21:20	000:15:40	12731.95	5259.77
07/29	22:21:40	000:16:00	12730.90	5259.45
07/29	22:21:40	000:16:00	12729.72	5259.73
07/29	22:21:50	000:16:10	12728.61	5259.91
07/29	22:22:00	000:16:20	12727.79	5261.25
07/29	22:22:20	000:16:40	12726.78	5263.36
07/29	22:22:20	000:16:40	12725.68	5261.87
07/29	22:22:30	000:16:50	12724.55	5261.95
07/29	22:22:40	000:17:00	12723.70	5261.97
07/29	22:23:00	000:17:20	12722.68	5262.37
07/29	22:23:00	000:17:20	12721.55	5261.49
07/29	22:23:10	000:17:30	12720.30	5259.78
07/29	22:23:20	000:17:40	12719.49	5261.66
07/29	22:23:30	000:17:50	12718.57	5262.22
07/29	22:23:40	000:18:00	12717.39	5261.01
07/29	22:23:50	000:18:10	12716.27	5259.18
07/29	22:24:00	000:18:20	12715.31	5258.72
07/29	22:24:20	000:18:40	12714.18	5258.77
07/29	22:24:20	000:18:40	12713.20	5258.19
07/29	22:24:30	000:18:50	12712.12	5257.33
07/29	22:24:40	000:19:00	12711.37	5256.18
07/29	22:24:50	000:19:10	12710.21	5256.63
07/29	22:25:00	000:19:20	12709.07	5255.80
07/29	22:25:10	000:19:30	12707.89	5253.60
07/29	22:25:20	000:19:40	12707.08	5253.71
07/29	22:25:30	000:19:50	12705.83	5248.51
07/29	22:25:40	000:20:00	12704.37	5246.74
07/29	22:25:50	000:20:10	12704.24	5261.32
07/29	22:26:00	000:20:20	12703.50	5253.64
07/29	22:26:20	000:20:40	12701.99	5250.13
07/29	22:26:20	000:20:40	12700.50	5244.29
07/29	22:26:30	000:20:50	12698.98	5239.60
07/29	22:26:40	000:21:00	12697.92	5235.98
07/29	22:26:50	000:21:10	12696.70	5234.97
07/29	22:27:00	000:21:20	12695.58	5233.06

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/29	22:27:10	000:21:30	12694.03	5226.60
07/29	22:27:20	000:21:40	12693.04	5224.09
07/29	22:27:30	000:21:50	12691.67	5219.72
07/29	22:27:40	000:22:00	12690.36	5219.72
07/29	22:27:50	000:22:10	12689.43	5215.75
07/29	22:28:00	000:22:20	12688.23	5216.01
07/29	22:28:10	000:22:30	12687.13	5214.03
07/29	22:28:20	000:22:40	12686.01	5212.77
07/29	22:28:30	000:22:50	12685.21	5211.54
07/29	22:28:40	000:23:00	12684.08	5211.68
07/29	22:28:50	000:23:10	12682.99	5210.66
07/29	22:29:00	000:23:20	12681.92	5209.21
07/29	22:29:10	000:23:30	12681.13	5208.66
07/29	22:29:20	000:23:40	12680.01	5208.15
07/29	22:29:30	000:23:50	12678.96	5205.85
07/29	22:29:40	000:24:00	12677.87	5206.50
07/29	22:29:50	000:24:10	12676.97	5204.70
07/29	22:30:00	000:24:20	12675.97	5203.40
07/29	22:30:10	000:24:30	12674.88	5203.65
07/29	22:30:20	000:24:40	12673.80	5202.14
07/29	22:30:30	000:24:50	12673.06	5200.89
07/29	22:30:40	000:25:00	12672.06	5201.67
07/29	22:30:50	000:25:10	12671.07	5199.73
07/29	22:31:00	000:25:20	12670.09	5199.82
07/29	22:31:10	000:25:30	12669.44	5198.51
07/29	22:31:20	000:25:40	12668.34	5198.37
07/29	22:31:30	000:25:50	12667.27	5197.39
07/29	22:31:40	000:26:00	12666.35	5196.69
07/29	22:31:50	000:26:10	12665.53	5195.83
07/29	22:32:00	000:26:20	12664.54	5195.32
07/29	22:32:10	000:26:30	12663.53	5194.76
07/29	22:32:20	000:26:40	12662.85	5193.77
07/29	22:32:30	000:26:50	12661.78	5192.75
07/29	22:32:40	000:27:00	12660.92	5192.68
07/29	22:32:50	000:27:10	12659.88	5191.26
07/29	22:33:00	000:27:20	12659.11	5190.78
07/29	22:33:10	000:27:30	12658.18	5192.45
07/29	22:33:20	000:27:40	12657.35	5192.29
07/29	22:33:30	000:27:50	12656.46	5190.85
07/29	22:33:40	000:28:00	12655.77	5190.29
07/29	22:33:50	000:28:10	12654.77	5187.81
07/29	22:34:00	000:28:20	12653.72	5187.51
07/29	22:34:10	000:28:30	12652.74	5186.94
07/29	22:34:20	000:28:40	12652.04	5185.25
07/29	22:34:30	000:28:50	12651.03	5184.63
07/29	22:34:40	000:29:00	12650.11	5184.10
07/29	22:34:50	000:29:10	12649.18	5184.58
07/29	22:35:00	000:29:20	12648.73	5183.49
07/29	22:35:10	000:29:30	12647.59	5182.33
07/29	22:35:20	000:29:40	12646.64	5182.03
07/29	22:35:30	000:29:50	12645.68	5181.31
07/29	22:35:40	000:30:00	12645.01	5181.33
07/29	22:35:50	000:30:10	12644.03	5180.25
07/29	22:36:00	000:30:20	12643.12	5178.82
07/29	22:36:10	000:30:30	12642.24	5179.20
07/29	22:36:20	000:30:40	12641.55	5178.23
07/29	22:36:30	000:30:50	12640.63	5177.40
07/29	22:36:40	000:31:00	12639.70	5176.54
07/29	22:36:50	000:31:10	12638.75	5175.82
07/29	22:37:00	000:31:20	12638.14	5175.34

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/29	22:37:10	000:31:30	12636.50	5175.50
07/29	22:37:20	000:31:40	12636.31	5175.05
07/29	22:37:30	000:31:50	12635.38	5173.44
07/29	22:37:40	000:32:00	12634.63	5173.22
07/29	22:37:50	000:32:10	12633.76	5172.93
07/29	22:38:00	000:32:20	12632.88	5172.50
07/29	22:38:10	000:32:30	12632.23	5171.07
07/29	22:38:20	000:32:40	12631.30	5170.67
07/29	22:38:30	000:32:50	12630.46	5170.32
07/29	22:38:40	000:33:00	12629.82	5169.65
07/29	22:38:50	000:33:10	12628.98	5169.26
07/29	22:39:00	000:33:20	12628.09	5169.08
07/29	22:39:10	000:33:30	12627.24	5167.98
07/29	22:39:20	000:33:40	12626.61	5167.58
07/29	22:39:30	000:33:50	12625.70	5166.29
07/29	22:39:40	000:34:00	12624.82	5166.10
07/29	22:39:50	000:34:10	12623.99	5165.77
07/29	22:40:00	000:34:20	12623.33	5164.93
07/29	22:40:10	000:34:30	12622.46	5164.28
07/29	22:40:20	000:34:40	12621.62	5163.92
07/29	22:40:30	000:34:50	12620.75	5162.95
07/29	22:40:40	000:35:00	12620.12	5162.66
07/29	22:40:50	000:35:10	12619.25	5161.32
07/29	22:41:00	000:35:20	12618.39	5160.70
07/29	22:41:10	000:35:30	12617.52	5160.39
07/29	22:41:20	000:35:40	12616.92	5159.86
07/29	22:41:30	000:35:50	12616.13	5159.15
07/29	22:41:40	000:36:00	12615.21	5158.80
07/29	22:41:50	000:36:10	12614.43	5158.52
07/29	22:42:00	000:36:20	12613.83	5157.78
07/29	22:42:10	000:36:30	12612.93	5156.89
07/29	22:42:20	000:36:40	12612.16	5157.05
07/29	22:42:30	000:36:50	12611.31	5156.66
07/29	22:42:40	000:37:00	12610.66	5154.99
07/29	22:42:50	000:37:10	12609.78	5155.27
07/29	22:43:00	000:37:20	12608.75	5154.40
07/29	22:43:10	000:37:30	12607.83	5153.16
07/29	22:43:20	000:37:40	12607.18	5151.78
07/29	22:43:40	000:38:00	12606.30	5151.54
07/29	22:43:40	000:38:00	12605.49	5151.36
07/29	22:43:50	000:38:10	12604.88	5150.73
07/29	22:44:00	000:38:20	12604.26	5150.10
07/29	22:44:20	000:38:40	12603.25	5149.26
07/29	22:44:20	000:38:40	12602.44	5149.53
07/29	22:44:30	000:38:50	12601.61	5148.01
07/29	22:44:40	000:39:00	12601.00	5146.91
07/29	22:45:00	000:39:20	12600.21	5147.23
07/29	22:45:00	000:39:20	12599.38	5145.97
07/29	22:45:10	000:39:30	12598.51	5145.91
07/29	22:45:20	000:39:40	12597.92	5144.58
07/29	22:45:30	000:39:50	12597.21	5144.79
07/29	22:45:40	000:40:00	12596.40	5143.62
07/29	22:45:50	000:40:10	12595.61	5142.99
07/29	22:46:00	000:40:20	12595.02	5143.30
07/29	22:46:10	000:40:30	12594.24	5142.49
07/29	22:46:20	000:40:40	12593.43	5141.11
07/29	22:46:30	000:40:50	12592.63	5140.81
07/29	22:46:40	000:41:00	12592.06	5140.67
07/29	22:46:50	000:41:10	12591.31	5140.28
07/29	22:47:00	000:41:20	12590.53	5140.32

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/29	22:47:10	000:41:30	12589.69	5138.48
07/29	22:47:20	000:41:40	12589.15	5138.80
07/29	22:47:30	000:41:50	12588.39	5137.89
07/29	22:47:40	000:42:00	12587.54	5137.89
07/29	22:47:50	000:42:10	12586.93	5136.70
07/29	22:48:00	000:42:20	12586.16	5135.78
07/29	22:48:10	000:42:30	12585.39	5134.83
07/29	22:48:20	000:42:40	12584.58	5134.46
07/29	22:48:30	000:42:50	12584.03	5134.24
07/29	22:48:40	000:43:00	12583.25	5132.00
07/29	22:48:50	000:43:10	12582.45	5133.59
07/29	22:49:00	000:43:20	12581.86	5132.86
07/29	22:49:10	000:43:30	12581.13	5132.58
07/29	22:49:20	000:43:40	12580.33	5131.41
07/29	22:49:30	000:43:50	12579.57	5129.95
07/29	22:49:40	000:44:00	12579.05	5129.56
07/29	22:49:50	000:44:10	12578.27	5129.62
07/29	22:50:00	000:44:20	12577.77	5129.45
07/29	22:50:10	000:44:30	12576.81	5129.32
07/29	22:50:20	000:44:40	12576.28	5128.26
07/29	22:50:30	000:44:50	12575.47	5127.57
07/29	22:50:40	000:45:00	12575.13	5126.92
07/29	22:50:50	000:45:10	12574.42	5126.97
07/29	22:51:00	000:45:20	12573.89	5126.08
07/29	22:51:10	000:45:30	12573.20	5126.59
07/29	22:51:20	000:45:40	12572.24	5124.28
07/29	22:51:30	000:45:50	12570.70	5123.88
07/29	22:51:40	000:46:00	12570.01	5123.14
07/29	22:51:50	000:46:10	12569.22	5122.97
07/29	22:52:00	000:46:20	12568.48	5121.68
07/29	22:52:10	000:46:30	12567.67	5121.27
07/29	22:52:20	000:46:40	12567.13	5120.96
07/29	22:52:30	000:46:50	12566.39	5119.68
07/29	22:52:40	000:47:00	12565.61	5119.13
07/29	22:52:50	000:47:10	12564.87	5118.54
07/29	22:53:00	000:47:20	12563.91	5117.62
07/29	22:53:10	000:47:30	12563.10	5117.82
07/29	22:53:20	000:47:40	12562.33	5117.67
07/29	22:53:30	000:47:50	12561.60	5116.80
07/29	22:53:40	000:48:00	12561.05	5115.58
07/29	22:53:50	000:48:10	12560.28	5116.19
07/29	22:54:00	000:48:20	12559.55	5115.51
07/29	22:54:10	000:48:30	12558.85	5114.08
07/29	22:54:20	000:48:40	12558.30	5113.16
07/29	22:54:30	000:48:50	12557.57	5113.29
07/29	22:54:40	000:49:00	12556.85	5112.33
07/29	22:54:50	000:49:10	12556.06	5111.59
07/29	22:55:00	000:49:20	12555.58	5111.89
07/29	22:55:10	000:49:30	12554.80	5111.16
07/29	22:55:20	000:49:40	12554.10	5110.83
07/29	22:55:30	000:49:50	12553.55	5110.26
07/29	22:55:40	000:50:00	12552.81	5109.07
07/29	22:55:50	000:50:10	12552.08	5108.43
07/29	22:56:00	000:50:20	12551.35	5107.24
07/29	22:56:10	000:50:30	12550.76	5106.82
07/29	22:56:20	000:50:40	12550.05	5106.57
07/29	22:56:30	000:50:50	12549.33	5106.25
07/29	22:56:40	000:51:00	12548.74	5105.87
07/29	22:56:50	000:51:10	12548.14	5105.53
07/29	22:57:00	000:51:20	12547.37	5103.48

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/29	22:57:10	000:51:30	12546.70	5104.96
07/29	22:57:20	000:51:40	12546.03	5105.14
07/29	22:57:30	000:51:50	12545.54	5104.52
07/29	22:57:40	000:52:00	12544.72	5102.32
07/29	22:57:50	000:52:10	12543.93	5101.19
07/29	22:58:00	000:52:20	12543.41	5102.88
07/29	22:58:10	000:52:30	12542.90	5103.19
07/29	22:58:20	000:52:40	12542.15	5101.71
07/29	22:58:30	000:52:50	12541.48	5100.96
07/29	22:58:40	000:53:00	12540.91	5100.07
07/29	22:58:50	000:53:10	12540.63	5098.83
07/29	22:59:00	000:53:20	12540.11	5099.29
07/29	22:59:10	000:53:30	12539.46	5098.01
07/29	22:59:20	000:53:40	12538.87	5097.18
07/29	22:59:30	000:53:50	12538.12	5097.03
07/29	22:59:40	000:54:00	12537.45	5096.94
07/29	22:59:50	000:54:10	12536.96	5096.78
07/29	23:00:00	000:54:20	12536.26	5095.96
07/29	23:05:00	000:59:20	12517.16	5081.13
07/29	23:10:00	001:04:20	12499.30	5068.90
07/29	23:15:00	001:09:20	12481.93	5055.05
07/29	23:20:00	001:14:20	12465.35	5041.75
07/29	23:25:00	001:19:20	12448.94	5029.45
07/29	23:30:00	001:24:20	12433.09	5016.84
07/29	23:35:00	001:29:20	12417.71	5004.07
07/29	23:40:00	001:34:20	12402.46	4993.11
07/29	23:45:00	001:39:20	12386.99	4981.99
07/29	23:50:00	001:44:20	12373.68	4971.61
07/29	23:55:00	001:49:20	12359.83	4960.91
07/30	00:00:00	001:54:20	12346.02	4950.15
07/30	00:05:00	001:59:20	12331.77	4940.32
07/30	00:10:00	002:04:20	12319.45	4929.82
07/30	00:20:00	002:14:20	12293.99	4911.09
07/30	00:25:00	002:19:20	12281.48	4901.30
07/30	00:30:00	002:24:20	12269.28	4892.89
07/30	00:35:00	002:29:20	12257.14	4883.60
07/30	00:40:00	002:34:20	12245.63	4874.77
07/30	00:45:00	002:39:20	12234.17	4866.76
07/30	00:50:00	002:44:20	12222.58	4859.89
07/30	00:55:00	002:49:20	12211.34	4850.09
07/30	01:00:00	002:54:20	12200.44	4842.37
07/30	01:05:00	002:59:20	12189.60	4834.34
07/30	01:10:00	003:04:20	12179.13	4825.94
07/30	01:15:00	003:09:20	12168.79	4818.89
07/30	01:20:00	003:14:20	12158.32	4809.85
07/30	01:25:00	003:19:20	12148.06	4803.18
07/30	01:30:00	003:24:20	12138.97	4795.53
07/30	01:35:00	003:29:20	12129.02	4787.31
07/30	01:40:00	003:34:20	12119.06	4780.52
07/30	01:45:00	003:39:20	12109.16	4773.30
07/30	01:50:00	003:44:20	12100.02	4765.43
07/30	01:55:00	003:49:20	12090.43	4758.64
07/30	02:00:00	003:54:20	12081.23	4751.54
07/30	02:05:00	003:59:20	12071.82	4744.92
07/30	02:10:00	004:04:20	12062.67	4737.45
07/30	02:15:00	004:09:20	12053.43	4730.18
07/30	02:20:00	004:14:20	12044.48	4723.02
07/30	02:25:00	004:19:20	12035.56	4717.14
07/30	02:30:00	004:24:20	12026.80	4709.87
07/30	02:35:00	004:29:20	12018.05	4703.39

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/30	02:40:00	004:34:20	12009.48	4696.24
07/30	02:45:00	004:39:20	12000.88	4689.74
07/30	02:50:00	004:44:20	11992.48	4683.19
07/30	02:50:00	004:44:20	11992.36	4683.19
07/30	02:55:00	004:49:20	11983.95	4675.61
07/30	03:00:00	004:54:20	11975.55	4669.21
07/30	03:05:00	004:59:20	11967.67	4663.42
07/30	03:05:00	004:59:20	11967.37	4663.35
07/30	03:10:00	005:04:20	11959.29	4657.22
07/30	03:15:00	005:09:20	11951.30	4650.29
07/30	03:20:00	005:14:20	11943.25	4644.78
07/30	03:25:00	005:19:20	11935.33	4637.77
07/30	03:30:00	005:24:20	11927.57	4558.80
07/30	03:35:00	005:29:20	11919.82	4525.00
07/30	03:40:00	005:34:20	11912.15	344.94
07/30	03:45:00	005:39:20	11904.55	4608.20
07/30	03:50:00	005:44:20	11897.03	4602.33
07/30	03:55:00	005:49:20	11889.55	4596.05
07/30	04:00:00	005:54:20	11882.20	4590.75
07/30	04:05:00	005:59:20	11874.78	4584.68
07/30	04:10:00	006:04:20	11867.57	4579.22
07/30	04:15:00	006:09:20	11860.43	4573.37
07/30	04:20:00	006:14:20	11898.07	4601.39
07/30	04:25:00	006:19:20	11908.70	4610.01
07/30	04:30:00	006:24:20	11911.69	4611.87
07/30	04:35:00	006:29:20	11904.57	4604.82
07/30	04:40:00	006:34:20	11917.88	4596.98
07/30	04:45:00	006:39:20	11934.38	4580.86
07/30	04:50:00	006:44:20	11926.80	4572.30
07/30	04:55:00	006:49:20	11930.37	4575.41
07/30	05:00:00	006:54:20	11943.33	4644.03
07/30	05:05:00	006:59:20	11945.10	4693.32
07/30	05:10:00	007:04:20	11934.37	4568.99
07/30	05:15:00	007:09:20	11925.66	4570.77
07/30	05:20:00	007:14:20	11918.96	4557.23
07/30	05:25:00	007:19:20	11905.30	4556.68
07/30	05:30:00	007:24:20	11914.71	4558.40
07/30	05:35:00	007:29:20	11915.30	4555.03
07/30	05:40:00	007:34:20	11922.95	4555.97
07/30	05:45:00	007:39:20	11924.43	4556.46
07/30	05:50:00	007:44:20	11913.51	4543.81
07/30	05:55:00	007:49:20	11916.81	4548.67
07/30	06:00:00	007:54:20	11925.30	4552.23
07/30	06:05:00	007:59:20	11920.46	4540.89
07/30	06:10:00	008:04:20	11911.06	4530.53
07/30	06:15:00	008:09:20	11915.26	4528.94
07/30	06:20:00	008:14:20	11907.69	4521.73
07/30	06:25:00	008:19:20	11902.58	4514.52
07/30	06:30:00	008:24:20	11901.31	4512.50
07/30	06:35:00	008:29:20	11895.56	4503.91
07/30	06:40:00	008:34:20	11888.26	4492.26
07/30	06:45:00	008:39:20	11884.50	4482.01
07/30	06:50:00	008:44:20	11881.67	4478.51
07/30	06:55:00	008:49:20	11879.73	4476.22
07/30	07:00:00	008:54:20	11878.18	4474.43
07/30	07:05:00	008:59:20	11870.53	4467.39
07/30	07:10:00	009:04:20	11865.20	4463.08
07/30	07:15:00	009:09:20	11868.62	4465.18
07/30	07:20:00	009:14:20	11860.18	4461.51
07/30	07:25:00	009:19:20	11864.14	4461.37

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/30	07:30:00	009:24:20	11862.73	4454.86
07/30	07:35:00	009:29:20	11864.25	4457.83
07/30	07:35:00	009:29:20	11864.84	4458.51
07/30	07:40:00	009:34:20	11858.82	1506.44
07/30	07:45:00	009:39:20	11854.36	4450.04
07/30	07:50:00	009:44:20	11853.25	4449.59
07/30	07:55:00	009:49:20	11856.14	4445.12
07/30	08:00:00	009:54:20	11853.46	4444.51
07/30	08:05:00	009:59:20	11828.66	4425.69
07/30	08:15:00	010:09:20	11818.65	4416.36
07/30	08:20:00	010:14:20	11813.42	4413.76
07/30	08:25:00	010:19:20	11810.92	4414.10
07/30	08:30:00	010:24:20	11803.38	4404.26
07/30	08:35:00	010:29:20	11821.56	4418.27
07/30	08:40:00	010:34:20	11822.13	4418.70
07/30	08:45:00	010:39:20	11817.50	4411.66
07/30	08:50:00	010:44:20	11813.10	4408.17
07/30	08:55:00	010:49:20	11807.75	4364.13
07/30	09:00:00	010:54:20	11802.33	4357.90
07/30	09:05:00	010:59:20	11802.05	4355.27
07/30	09:10:00	011:04:20	11784.40	4340.58
07/30	09:15:00	011:09:20	11763.23	4322.50
07/30	09:20:00	011:14:20	11762.26	4319.09
07/30	09:25:00	011:19:20	11765.86	4319.51
07/30	09:30:00	011:24:20	11752.00	4305.38
07/30	09:35:00	011:29:20	11748.23	4297.65
07/30	09:40:00	011:34:20	11744.64	4294.20
07/30	09:45:00	011:39:20	11739.48	4291.31
07/30	09:50:00	011:44:20	11754.42	4295.56
07/30	09:55:00	011:49:20	11752.78	4295.40
07/30	10:00:00	011:54:20	11751.01	4293.64
07/30	10:05:00	011:59:20	11747.17	4284.17
07/30	10:10:00	012:04:20	11740.50	4258.08
07/30	10:15:00	012:09:20	11735.91	4247.36
07/30	10:20:00	012:14:20	11719.69	4234.55
07/30	10:25:00	012:19:20	11721.75	4236.48
07/30	10:30:00	012:24:20	11713.70	4228.81
07/30	10:35:00	012:29:20	11709.53	4225.69
07/30	10:40:00	012:34:20	11702.59	4219.65
07/30	10:45:00	012:39:20	11696.15	4212.18
07/30	10:50:00	012:44:20	11691.62	4207.72
07/30	10:55:00	012:49:20	11687.13	4203.14
07/30	11:00:00	012:54:20	11682.52	4198.24
07/30	11:00:00	012:54:20	11682.33	4198.33
07/30	11:05:00	012:59:20	11678.37	4196.68
07/30	11:10:00	013:04:20	11674.46	4194.16
07/30	11:15:00	013:09:20	11669.72	4192.25
07/30	11:20:00	013:14:20	11690.31	4204.29
07/30	11:25:00	013:19:20	11693.38	4207.39
07/30	11:30:00	013:24:20	11669.92	4189.03
07/30	11:35:00	013:29:20	11661.74	4185.55
07/30	11:40:00	013:34:20	11659.43	4178.68
07/30	11:45:00	013:39:20	11655.93	4179.65
07/30	11:50:00	013:44:20	11651.87	4172.05
07/30	11:55:00	013:49:20	11647.18	4166.34
07/30	12:00:00	013:54:20	11668.37	4180.58
07/30	12:05:00	013:59:20	11669.45	4182.53
07/30	12:10:00	014:04:20	11664.21	4178.36
07/30	12:15:00	014:09:20	11664.60	4177.52
07/30	12:20:00	014:14:20	11639.33	4161.89

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/30	12:25:00	014:19:20	11634.48	4155.43
07/30	12:30:00	014:24:20	11630.35	4150.49
07/30	12:35:00	014:29:20	11625.53	4146.24
07/30	12:40:00	014:34:20	11636.13	4150.25
07/30	12:45:00	014:39:20	11632.50	4146.90
07/30	12:50:00	014:44:20	11625.56	4141.39
07/30	12:55:00	014:49:20	11621.39	4137.26
07/30	13:00:00	014:54:20	11621.29	4139.83
07/30	13:00:00	014:54:20	11621.13	4139.43
07/30	13:05:00	014:59:20	11617.70	4136.29
07/30	13:10:00	015:04:20	11613.24	4133.91
07/30	13:15:00	015:09:20	11603.09	4120.32
07/30	13:20:00	015:14:20	11598.55	4122.53
07/30	13:25:00	015:19:20	11599.29	4121.48
07/30	13:30:00	015:24:20	11588.49	4112.14
07/30	13:35:00	015:29:20	11579.02	4106.42
07/30	13:40:00	015:34:20	11573.09	4114.70
07/30	13:45:00	015:39:20	11566.39	4090.87
07/30	13:50:00	015:44:20	11566.49	4087.31
07/30	13:55:00	015:49:20	11565.67	4087.32
07/30	14:00:00	015:54:20	11563.50	4084.79
07/30	14:05:00	015:59:20	11561.62	4081.21
07/30	14:10:00	016:04:20	11563.09	4084.70
07/30	14:15:00	016:09:20	11555.82	4077.17
07/30	14:20:00	016:14:20	11555.17	4076.01
07/30	14:25:00	016:19:20	11554.07	4073.89
07/30	14:30:00	016:24:20	11551.09	4071.52
07/30	14:35:00	016:29:20	11548.36	4068.64
07/30	14:40:00	016:34:20	11546.92	4066.85
07/30	14:45:00	016:39:20	11542.39	4065.70
07/30	14:50:00	016:44:20	11540.28	4062.96
07/30	14:50:00	016:44:20	11540.13	4063.32
07/30	14:55:00	016:49:20	11536.62	4060.96
07/30	15:00:00	016:54:20	11535.95	4063.63
07/30	15:05:00	016:59:20	11534.37	4059.03
07/30	15:10:00	017:04:20	11531.10	4057.68
07/30	15:15:00	017:09:20	11529.03	4052.16
07/30	15:20:00	017:14:20	11527.55	4050.52
07/30	15:25:00	017:19:20	11522.36	4046.80
07/30	15:30:00	017:24:20	11519.72	4045.10
07/30	15:35:00	017:29:20	11520.17	4044.19
07/30	15:40:00	017:34:20	11521.89	4045.07
07/30	15:45:00	017:39:20	11519.23	4041.78
07/30	15:50:00	017:44:20	11519.02	4040.89
07/30	15:55:00	017:49:20	11517.28	4038.71
07/30	16:00:00	017:54:20	11511.84	4033.94
07/30	16:05:00	017:59:20	11512.16	4035.27
07/30	16:10:00	018:04:20	11512.47	4032.54
07/30	16:15:00	018:09:20	11504.93	4034.42
07/30	16:20:00	018:14:20	11503.77	4028.60
07/30	16:30:00	018:24:20	11497.09	4022.20
07/30	16:35:00	018:29:20	11494.14	4017.96
07/30	16:40:00	018:34:20	11492.65	4016.10
07/30	16:45:00	018:39:20	11491.92	4014.91
07/30	16:50:00	018:44:20	11489.48	4013.19
07/30	16:55:00	018:49:20	11486.82	4007.20
07/30	17:00:00	018:54:20	11488.17	4006.13
07/30	17:05:00	018:59:20	11486.25	4004.67
07/30	17:10:00	019:04:20	11488.75	4006.34
07/30	17:15:00	019:09:20	11491.09	4005.43

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/30	17:20:00	019:14:20	11489.64	4003.77
07/30	17:25:00	019:19:20	11487.26	4003.36
07/30	17:30:00	019:24:20	11482.92	3995.00
07/30	17:35:00	019:29:20	11470.15	3988.76
07/30	17:40:00	019:34:20	11466.65	3984.46
07/30	17:45:00	019:39:20	11463.22	3983.11
07/30	17:50:00	019:44:20	11462.17	3980.44
07/30	17:55:00	019:49:20	11455.95	3973.21
07/30	18:00:00	019:54:20	11455.27	3972.38
07/30	18:05:00	019:59:20	11454.03	3970.11
07/30	18:10:00	020:04:20	11450.69	3966.25
07/30	18:15:00	020:09:20	11446.48	3962.46
07/30	18:20:00	020:14:20	11446.25	3960.45
07/30	18:25:00	020:19:20	11447.44	3960.80
07/30	18:30:00	020:24:20	11451.66	3964.25
07/30	18:35:00	020:29:20	11444.14	3957.27
07/30	18:40:00	020:34:20	11440.67	3955.71
07/30	18:45:00	020:39:20	11437.74	3953.98
07/30	18:50:00	020:44:20	11445.43	3954.52
07/30	18:55:00	020:49:20	11441.30	3947.45
07/30	19:00:00	020:54:20	11457.08	3960.41
07/30	19:05:00	020:59:20	11462.29	3960.06
07/30	19:05:00	020:59:20	11462.57	3960.64
07/30	19:10:00	021:04:20	11432.06	3934.67
07/30	19:15:00	021:09:20	11421.81	3922.30
07/30	19:20:00	021:14:20	11422.04	3909.09
07/30	19:25:00	021:19:20	11424.24	3895.31
07/30	19:30:00	021:24:20	11432.71	3898.97
07/30	19:35:00	021:29:20	11415.39	3887.57
07/30	19:40:00	021:34:20	11413.42	3882.50
07/30	19:45:00	021:39:20	11404.71	3875.94
07/30	19:50:00	021:44:20	11402.35	3870.94
07/30	19:55:00	021:49:20	11400.97	3866.94
07/30	20:00:00	021:54:20	11404.41	3868.20
07/30	20:05:00	021:59:20	11430.89	3884.54
07/30	20:10:00	022:04:20	11432.25	3888.02
07/30	20:15:00	022:09:20	11432.76	3885.73
07/30	20:20:00	022:14:20	11428.62	3882.72
07/30	20:30:00	022:24:20	11432.81	3880.64
07/30	20:35:00	022:29:20	11431.11	3879.33
07/30	20:40:00	022:34:20	11389.72	3844.27
07/30	20:45:00	022:39:20	11381.68	3834.00
07/30	20:50:00	022:44:20	11377.91	3823.80
07/30	20:55:00	022:49:20	11373.43	3817.28
07/30	21:00:00	022:54:20	11366.40	3810.27
07/30	21:05:00	022:59:20	11362.33	3807.18
07/30	21:10:00	023:04:20	11360.23	3805.12
07/30	21:15:00	023:09:20	11361.24	3804.57
07/30	21:20:00	023:14:20	11357.42	3803.23
07/30	21:25:00	023:19:20	11353.93	3799.06
07/30	21:30:00	023:24:20	11352.29	3799.21
07/30	21:35:00	023:29:20	11350.10	3794.89
07/30	21:40:00	023:34:20	11346.84	3792.82
07/30	21:45:00	023:39:20	11345.13	3790.19
07/30	21:50:00	023:44:20	11343.45	3789.11
07/30	21:55:00	023:49:20	11341.10	3786.98
07/30	22:00:00	023:54:20	11338.65	3783.79
07/30	22:05:00	023:59:20	11364.28	3792.45
07/30	22:10:00	024:04:20	11334.28	3780.74
07/30	22:15:00	024:09:20	11333.58	3778.31

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/30	22:20:00	024:14:20	11354.12	3789.71
07/30	22:25:00	024:19:20	11328.86	3773.55
07/30	22:30:00	024:24:20	11361.63	3793.97
07/30	22:35:00	024:29:20	11362.44	3794.69
07/30	22:40:00	024:34:20	11363.39	3794.99
07/30	22:45:00	024:39:20	11361.87	3791.93
07/30	22:50:00	024:44:20	11359.95	3789.98
07/30	22:55:00	024:49:20	11359.58	3787.76
07/30	23:00:00	024:54:20	11358.03	3785.73
07/30	23:05:00	024:59:20	11360.34	3784.96
07/30	23:10:00	025:04:20	11359.91	3784.88
07/30	23:15:00	025:09:20	11360.27	3820.19
07/30	23:20:00	025:14:20	11359.91	3805.57
07/30	23:25:00	025:19:20	11361.42	3816.70
07/30	23:30:00	025:24:20	11358.36	3821.60
07/30	23:35:00	025:29:20	11358.95	3808.18
07/30	23:40:00	025:34:20	11355.61	3815.72
07/30	23:45:00	025:39:20	11357.02	3816.68
07/30	23:50:00	025:44:20	11355.13	3808.31
07/30	23:55:00	025:49:20	11354.68	3807.65
07/31	00:00:00	025:54:20	11354.89	3805.57
07/31	00:05:00	025:59:20	11354.01	3805.73
07/31	00:10:00	026:04:20	11352.27	3800.45
07/31	00:15:00	026:09:20	11353.22	3800.39
07/31	00:20:00	026:14:20	11354.47	3803.54
07/31	00:25:00	026:19:20	11353.73	3798.93
07/31	00:30:00	026:24:20	11353.14	3797.78
07/31	00:35:00	026:29:20	11350.33	3793.56
07/31	00:40:00	026:34:20	11342.63	3784.46
07/31	00:45:00	026:39:20	11345.30	3784.73
07/31	00:55:00	026:49:20	11344.51	3778.56
07/31	01:00:00	026:54:20	11343.59	3780.92
07/31	01:05:00	026:59:20	11342.23	3779.86
07/31	01:10:00	027:04:20	11341.52	3784.44
07/31	01:15:00	027:09:20	11346.73	3784.35
07/31	01:20:00	027:14:20	11346.65	3780.88
07/31	01:25:00	027:19:20	11345.77	3775.79
07/31	01:30:00	027:24:20	11342.18	3779.52
07/31	01:35:00	027:29:20	11344.20	3773.87
07/31	01:40:00	027:34:20	11343.18	3775.25
07/31	01:45:00	027:39:20	11339.74	3771.17
07/31	01:50:00	027:44:20	11340.82	3769.93
07/31	01:55:00	027:49:20	11340.02	3766.34
07/31	02:00:00	027:54:20	11339.46	3765.48
07/31	02:05:00	027:59:20	11339.74	3767.41
07/31	02:10:00	028:04:20	11337.47	3762.30
07/31	02:15:00	028:09:20	11336.46	3762.14
07/31	02:20:00	028:14:20	11335.08	3759.40
07/31	02:25:00	028:19:20	11295.70	3733.00
07/31	02:30:00	028:24:20	11291.94	3731.57
07/31	02:35:00	028:29:20	11289.88	3726.96
07/31	02:40:00	028:34:20	11288.33	3727.75
07/31	02:45:00	028:39:20	11283.94	3724.97
07/31	02:50:00	028:44:20	11282.91	3725.93
07/31	02:55:00	028:49:20	11280.04	3721.47
07/31	03:00:00	028:54:20	11278.76	3718.24
07/31	03:05:00	028:59:20	11281.24	3718.18
07/31	03:10:00	029:04:20	11306.06	3735.65
07/31	03:15:00	029:09:20	11309.32	3736.46
07/31	03:20:00	029:14:20	11309.35	3738.46

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/31	03:25:00	029:19:20	11310.14	3737.86
07/31	03:30:00	029:24:20	11311.86	3739.04
07/31	03:35:00	029:29:20	11313.44	3739.64
07/31	03:40:00	029:34:20	11314.64	3742.15
07/31	03:45:00	029:39:20	11309.47	3739.01
07/31	03:50:00	029:44:20	11300.76	3738.70
07/31	03:55:00	029:49:20	11295.53	3728.09
07/31	04:00:00	029:54:20	11294.67	3728.99
07/31	04:05:00	029:59:20	11292.94	3728.34
07/31	04:10:00	030:04:20	11291.91	3724.66
07/31	04:15:00	030:09:20	11288.16	3719.63
07/31	04:20:00	030:14:20	11286.72	3717.17
07/31	04:25:00	030:19:20	11284.65	3714.82
07/31	04:30:00	030:24:20	11283.46	3711.22
07/31	04:35:00	030:29:20	11282.29	3718.70
07/31	04:40:00	030:34:20	11281.07	3719.46
07/31	04:45:00	030:39:20	11282.60	3720.38
07/31	04:50:00	030:44:20	11282.11	3720.22
07/31	04:55:00	030:49:20	11281.65	3719.20
07/31	05:00:00	030:54:20	11282.61	3719.93
07/31	05:05:00	030:59:20	11282.65	3719.48
07/31	05:10:00	031:04:20	11280.45	3717.30
07/31	05:15:00	031:09:20	11280.11	3717.33
07/31	05:20:00	031:14:20	11278.86	3716.52
07/31	05:25:00	031:19:20	11287.52	3720.61
07/31	05:30:00	031:24:20	11288.89	3722.71
07/31	05:35:00	031:29:20	11290.21	3723.29
07/31	05:40:00	031:34:20	11290.35	3724.46
07/31	05:45:00	031:39:20	11289.52	3723.30
07/31	05:50:00	031:44:20	11289.14	3722.51
07/31	05:55:00	031:49:20	11258.70	3701.91
07/31	06:00:00	031:54:20	11256.49	3700.39
07/31	06:05:00	031:59:20	11253.58	3697.01
07/31	06:10:00	032:04:20	11251.54	3695.11
07/31	06:15:00	032:09:20	11248.84	3693.79
07/31	06:20:00	032:14:20	11248.46	3693.35
07/31	06:25:00	032:19:20	11245.38	3690.36
07/31	06:30:00	032:24:20	11242.73	3688.41
07/31	06:35:00	032:29:20	11241.42	3687.86
07/31	06:35:00	032:29:20	11241.28	3687.50
07/31	06:40:00	032:34:20	11239.57	3685.74
07/31	06:45:00	032:39:20	11241.52	3719.26
07/31	06:50:00	032:44:20	11382.56	4846.35

Decreased rate to 1,000 Bbls./day.

Pulled out of well so rate could be increased.

Continued to monitor draw-down with Panex.

07/31	06:55:00	000:00:00	0.00	5240.52
07/31	07:00:00	000:05:00	0.00	5325.64
07/31	07:05:00	000:10:00	0.00	5432.49
07/31	07:10:00	000:15:00	0.00	5465.49
07/31	07:15:00	000:20:00	0.00	5489.14
07/31	07:20:00	000:25:00	0.00	5509.68
07/31	07:25:00	000:30:00	0.00	5530.82
07/31	07:30:00	000:35:00	0.00	5548.90
07/31	07:35:00	000:40:00	0.00	5565.66

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/31	09:10:00	002:15:00	0.00	5791.02
07/31	09:15:00	002:20:00	0.00	5800.45
07/31	09:20:00	002:25:00	0.00	5809.16
07/31	09:25:00	002:30:00	0.00	5817.30

Shut off Panex while moving lubricator.

07/31	09:30:00	002:35:00	0.00	5822.26
07/31	09:35:00	002:40:00	0.00	6033.16
07/31	09:40:00	002:45:00	0.00	6106.53
07/31	09:45:00	002:50:00	0.00	6131.52
07/31	09:50:00	002:55:00	0.00	6134.91
07/31	09:50:00	002:55:00	0.00	6135.74
07/31	09:55:00	003:00:00	0.00	6140.33
07/31	10:00:00	003:05:00	0.00	6153.65
07/31	10:05:00	003:10:00	42.77	6147.95
07/31	10:10:00	003:15:00	37.97	6169.61
07/31	10:15:00	003:20:00	35.94	6175.47
07/31	10:20:00	003:25:00	35.52	6195.33
07/31	10:25:00	003:30:00	34.72	6235.00
07/31	10:30:00	003:35:00	34.02	6255.58
07/31	10:35:00	003:40:00	0.00	6252.30
07/31	10:35:00	003:40:00	0.00	6254.26
07/31	10:40:00	003:45:00	32.12	5837.74
07/31	10:45:00	003:50:00	31.52	5830.21
07/31	10:50:00	003:55:00	0.00	5850.79
07/31	10:55:00	004:00:00	0.00	5860.65
07/31	11:00:00	004:05:00	0.00	5866.49
07/31	11:05:00	004:10:00	0.00	5853.86
07/31	11:10:00	004:15:00	0.00	5893.76
07/31	11:15:00	004:20:00	0.00	5911.99
07/31	11:20:00	004:25:00	0.00	5900.55
07/31	11:25:00	004:30:00	0.00	5907.79
07/31	11:30:00	004:35:00	0.00	5964.77
07/31	11:35:00	004:40:00	0.00	5939.83
07/31	11:40:00	004:45:00	0.00	5893.65
07/31	11:45:00	004:50:00	0.00	5890.84
07/31	11:50:00	004:55:00	0.00	5906.48
07/31	11:55:00	005:00:00	0.00	5957.23
07/31	12:00:00	005:05:00	0.00	5973.00
07/31	12:05:00	005:10:00	0.00	5986.14
07/31	12:10:00	005:15:00	0.00	5954.16
07/31	12:15:00	005:20:00	0.00	5997.91
07/31	12:20:00	005:25:00	0.00	5983.39
07/31	12:25:00	005:30:00	0.00	5940.46
07/31	12:30:00	005:35:00	0.00	5976.34
07/31	12:35:00	005:40:00	0.00	5891.47
07/31	12:40:00	005:45:00	0.00	5869.30
07/31	12:45:00	005:50:00	0.00	5841.82
07/31	12:50:00	005:55:00	0.00	5831.25
07/31	12:55:00	006:00:00	0.00	5956.05
07/31	13:00:00	006:05:00	0.00	9.56

Panex reading correct pressure.

07/31	13:05:00	006:10:00	0.00	490.62
07/31	13:10:00	006:15:00	0.00	491.04
07/31	13:15:00	006:20:00	0.00	491.00
07/31	13:20:00	006:25:00	0.00	490.68
07/31	13:25:00	006:30:00	0.00	492.05

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/31	13:30:00	006:35:00	0.00	491.19
07/31	13:35:00	006:40:00	0.00	490.05
07/31	13:40:00	006:45:00	0.00	492.93
07/31	13:45:00	006:50:00	0.00	492.20
07/31	13:50:00	006:55:00	0.00	492.51
07/31	13:55:00	007:00:00	0.00	492.49
07/31	14:00:00	007:05:00	0.00	503.73
07/31	14:05:00	007:10:00	0.00	493.63
07/31	14:10:00	007:15:00	0.00	494.59
07/31	14:15:00	007:20:00	0.00	543.73
07/31	14:20:00	007:25:00	0.00	541.26
07/31	14:25:00	007:30:00	0.00	524.30
07/31	14:30:00	007:35:00	0.00	523.08
07/31	14:35:00	007:40:00	0.00	522.48
07/31	14:40:00	007:45:00	0.00	523.75
07/31	14:45:00	007:50:00	0.00	525.15
07/31	14:50:00	007:55:00	0.00	530.70
07/31	14:55:00	008:00:00	0.00	551.56
07/31	15:00:00	008:05:00	0.00	538.20
07/31	15:05:00	008:10:00	0.00	539.49
07/31	15:10:00	008:15:00	0.00	539.69
07/31	15:15:00	008:20:00	0.00	544.67
07/31	15:20:00	008:25:00	0.00	544.34
07/31	15:25:00	008:30:00	0.00	536.31
07/31	15:30:00	008:35:00	0.00	536.53
07/31	15:35:00	008:40:00	0.00	537.49
07/31	15:40:00	008:45:00	0.00	543.68
07/31	15:45:00	008:50:00	0.00	540.15
07/31	15:50:00	008:55:00	0.00	542.17
07/31	15:55:00	009:00:00	0.00	537.71
07/31	16:00:00	009:05:00	0.00	539.81
07/31	16:05:00	009:10:00	0.00	540.60
07/31	16:10:00	009:15:00	0.00	541.43
07/31	16:15:00	009:20:00	0.00	539.86
07/31	16:20:00	009:25:00	0.00	546.97
07/31	16:25:00	009:30:00	0.00	538.93
07/31	16:30:00	009:35:00	0.00	537.48
07/31	16:35:00	009:40:00	0.00	538.98
07/31	16:40:00	009:45:00	0.00	537.61
07/31	16:45:00	009:50:00	0.00	537.69
07/31	16:50:00	009:55:00	0.00	539.91
07/31	16:55:00	010:00:00	0.00	538.15
07/31	17:00:00	010:05:00	0.00	536.65
07/31	17:05:00	010:10:00	0.00	538.03
07/31	17:10:00	010:15:00	0.00	539.85
07/31	17:15:00	010:20:00	0.00	543.39
07/31	17:20:00	010:25:00	0.00	540.61
07/31	17:25:00	010:30:00	0.00	545.79
07/31	17:30:00	010:35:00	0.00	540.88
07/31	17:35:00	010:40:00	0.00	541.44
07/31	17:40:00	010:45:00	0.00	540.41
07/31	17:45:00	010:50:00	0.00	538.86
07/31	17:50:00	010:55:00	0.00	539.14
07/31	17:55:00	011:00:00	0.00	531.45
07/31	18:00:00	011:05:00	0.00	539.12
07/31	18:05:00	011:10:00	0.00	539.20
07/31	18:10:00	011:15:00	0.00	537.79
07/31	18:15:00	011:20:00	0.00	545.65
07/31	18:20:00	011:25:00	0.00	539.28
07/31	18:25:00	011:30:00	0.00	538.23

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
07/31	18:30:00	011:35:00	0.00	540.31
07/31	18:35:00	011:40:00	0.00	536.26
07/31	18:40:00	011:45:00	0.00	554.32
07/31	18:45:00	011:50:00	0.00	544.19
07/31	18:50:00	011:55:00	0.00	546.57
07/31	18:55:00	012:00:00	0.00	530.92
07/31	19:35:00	012:40:00	0.00	553.14
07/31	19:40:00	012:45:00	0.00	536.07
07/31	19:45:00	012:50:00	0.00	553.19
07/31	19:50:00	012:55:00	0.00	547.70
07/31	19:55:00	013:00:00	0.00	540.03
07/31	20:00:00	013:05:00	0.00	529.88
07/31	20:05:00	013:10:00	0.00	533.83
07/31	20:10:00	013:15:00	0.00	531.82
07/31	20:15:00	013:20:00	0.00	542.98
07/31	20:20:00	013:25:00	0.00	546.28
07/31	20:25:00	013:30:00	0.00	538.58
07/31	20:30:00	013:35:00	0.00	532.02
07/31	20:30:00	013:35:00	0.00	540.89
07/31	20:35:00	013:40:00	0.00	517.35
07/31	20:40:00	013:45:00	0.00	490.33
07/31	20:45:00	013:50:00	0.00	490.79
07/31	20:50:00	013:55:00	0.00	473.83
07/31	20:55:00	014:00:00	0.00	474.24
07/31	21:00:00	014:05:00	0.00	473.90
07/31	21:05:00	014:10:00	0.00	471.21
07/31	21:10:00	014:15:00	0.00	542.62
07/31	21:15:00	014:20:00	0.00	537.40
07/31	21:20:00	014:25:00	0.00	541.64
07/31	21:25:00	014:30:00	0.00	545.53
07/31	21:30:00	014:35:00	0.00	544.42
07/31	21:35:00	014:40:00	0.00	561.18
07/31	21:40:00	014:45:00	0.00	669.30
07/31	21:40:00	014:45:00	0.00	678.77
07/31	21:45:00	014:50:00	0.00	681.06
07/31	21:50:00	014:55:00	0.00	674.41
07/31	22:00:00	015:05:00	0.00	672.80
07/31	22:05:00	015:10:00	0.00	669.40
07/31	22:10:00	015:15:00	0.00	672.38
07/31	22:15:00	015:20:00	0.00	671.87
07/31	22:20:00	015:25:00	0.00	677.82
07/31	22:25:00	015:30:00	0.00	678.79
07/31	22:30:00	015:35:00	0.00	683.18
07/31	22:35:00	015:40:00	0.00	692.68
07/31	22:40:00	015:45:00	0.00	671.51
07/31	22:45:00	015:50:00	0.00	671.69
07/31	22:50:00	015:55:00	0.00	546.20
07/31	22:55:00	016:00:00	0.00	546.66
07/31	23:00:00	016:05:00	0.00	547.09
07/31	23:05:00	016:10:00	0.00	547.60
07/31	23:10:00	016:15:00	0.00	997.18
07/31	23:15:00	016:20:00	0.00	1011.55
07/31	23:20:00	016:25:00	0.00	1017.67
07/31	23:25:00	016:30:00	0.00	1025.42
07/31	23:30:00	016:35:00	0.00	1022.27
07/31	23:35:00	016:40:00	0.00	1055.35
07/31	23:40:00	016:45:00	0.00	1065.02
07/31	23:45:00	016:50:00	0.00	1063.65
07/31	23:50:00	016:55:00	0.00	1062.43
07/31	23:55:00	017:00:00	0.00	1061.26

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/01	00:00:00	017:05:00	0.00	1060.85
08/01	00:05:00	017:10:00	0.00	1059.83

Panex moved from flow line to blanking cap.

08/01	00:10:00	017:15:00	0.00	1066.47
08/01	00:15:00	017:20:00	0.00	1333.12
08/01	00:20:00	017:25:00	0.00	1382.13
08/01	00:25:00	017:30:00	0.00	2647.87
08/01	00:30:00	017:35:00	0.00	2704.86
08/01	00:35:00	017:40:00	0.00	2721.52
08/01	00:40:00	017:45:00	0.00	2730.47
08/01	00:45:00	017:50:00	0.00	2738.10
08/01	00:50:00	017:55:00	0.00	3422.98
08/01	00:50:00	017:55:00	0.00	3424.88
08/01	00:55:00	018:00:00	0.00	3453.77
08/01	01:00:00	018:05:00	0.00	3476.46
08/01	01:05:00	018:10:00	0.00	3490.29
08/01	01:10:00	018:15:00	0.00	3497.67
08/01	01:15:00	018:20:00	0.00	3494.33
08/01	01:20:00	018:25:00	0.00	3498.50
08/01	01:25:00	018:30:00	0.00	3500.77
08/01	01:30:00	018:35:00	0.00	3508.13
08/01	01:35:00	018:40:00	0.00	3513.47
08/01	01:40:00	018:45:00	0.00	3505.97
08/01	01:45:00	018:50:00	0.00	3522.11
08/01	01:50:00	018:55:00	0.00	3520.16
08/01	01:55:00	019:00:00	0.00	3523.44
08/01	02:00:00	019:05:00	0.00	3526.83
08/01	02:05:00	019:10:00	0.00	3531.97
08/01	02:10:00	019:15:00	0.00	3533.76
08/01	02:15:00	019:20:00	0.00	3540.46
08/01	02:20:00	019:25:00	0.00	3543.43
08/01	02:25:00	019:30:00	0.00	3549.69
08/01	02:30:00	019:35:00	0.00	3552.07
08/01	02:35:00	019:40:00	0.00	3550.54
08/01	02:40:00	019:45:00	0.00	3558.45
08/01	02:45:00	019:50:00	0.00	3537.15
08/01	02:50:00	019:55:00	0.00	3536.26
08/01	02:55:00	020:00:00	0.00	3537.97
08/01	03:00:00	020:05:00	0.00	3538.60
08/01	03:05:00	020:10:00	0.00	3538.98
08/01	03:10:00	020:15:00	0.00	3547.54
08/01	03:15:00	020:20:00	0.00	3550.96
08/01	03:20:00	020:25:00	0.00	3553.69
08/01	03:25:00	020:30:00	0.00	3554.83
08/01	03:30:00	020:35:00	0.00	3557.70
08/01	03:35:00	020:40:00	0.00	3558.55
08/01	03:40:00	020:45:00	0.00	3556.13
08/01	03:45:00	020:50:00	0.00	3548.25
08/01	03:50:00	020:55:00	0.00	3550.44
08/01	03:55:00	021:00:00	0.00	3553.30
08/01	04:00:00	021:05:00	0.00	3562.52
08/01	04:05:00	021:10:00	0.00	3565.78
08/01	04:10:00	021:15:00	0.00	3567.44
08/01	04:15:00	021:20:00	0.00	3572.58
08/01	04:20:00	021:25:00	0.00	3573.79
08/01	04:25:00	021:30:00	0.00	3576.66
08/01	04:30:00	021:35:00	0.00	3578.27
08/01	04:35:00	021:40:00	0.00	3580.20

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/01	04:40:00	021:45:00	0.00	3582.35
08/01	04:45:00	021:50:00	0.00	3581.54
08/01	04:50:00	021:55:00	0.00	3583.56
08/01	04:55:00	022:00:00	0.00	3587.20
08/01	05:00:00	022:05:00	0.00	3589.64
08/01	05:05:00	022:10:00	0.00	3590.60
08/01	05:10:00	022:15:00	0.00	3592.71
08/01	05:15:00	022:20:00	0.00	3592.74
08/01	05:20:00	022:25:00	0.00	3593.33
08/01	05:20:00	022:25:00	0.00	3593.33
08/01	05:30:00	022:35:00	0.00	3595.86
08/01	05:35:00	022:40:00	0.00	3598.01
08/01	05:40:00	022:45:00	0.00	3598.53
08/01	05:45:00	022:50:00	0.00	3599.21
08/01	05:50:00	022:55:00	0.00	3599.83
08/01	05:55:00	023:00:00	0.00	3602.32
08/01	06:00:00	023:05:00	0.00	3603.42
08/01	06:05:00	023:10:00	0.00	3603.53
08/01	06:10:00	023:15:00	0.00	3605.35
08/01	06:15:00	023:20:00	0.00	3606.24
08/01	06:20:00	023:25:00	0.00	3607.01
08/01	06:25:00	023:30:00	0.00	3608.80
08/01	06:30:00	023:35:00	0.00	3606.98
08/01	06:35:00	023:40:00	0.00	3609.33
08/01	06:40:00	023:45:00	0.00	3610.70
08/01	06:45:00	023:50:00	0.00	3611.68
08/01	06:50:00	023:55:00	0.00	3614.34
08/01	06:55:00	024:00:00	0.00	3609.66
08/01	07:00:00	024:05:00	0.00	3609.69
08/01	07:05:00	024:10:00	0.00	3617.59
08/01	07:10:00	024:15:00	0.00	3615.15
08/01	07:15:00	024:20:00	0.00	3618.34
08/01	07:20:00	024:25:00	0.00	3620.17
08/01	07:25:00	024:30:00	0.00	3621.42
08/01	07:30:00	024:35:00	0.00	3622.01
08/01	07:35:00	024:40:00	0.00	3623.91
08/01	07:40:00	024:45:00	0.00	3624.32
08/01	07:45:00	024:50:00	0.00	3624.99
08/01	07:50:00	024:55:00	0.00	3625.78
08/01	08:00:00	025:05:00	0.00	3626.53
08/01	08:05:00	025:10:00	0.00	3625.67
08/01	08:10:00	025:15:00	0.00	3626.73
08/01	08:15:00	025:20:00	0.00	3626.63
08/01	08:20:00	025:25:00	0.00	3626.15
08/01	08:25:00	025:30:00	0.00	3626.70
08/01	08:30:00	025:35:00	0.00	3626.32
08/01	08:35:00	025:40:00	0.00	3628.98
08/01	08:40:00	025:45:00	0.00	3628.31
08/01	08:45:00	025:50:00	0.00	3629.65
08/01	08:50:00	025:55:00	0.00	3631.61
08/01	08:55:00	026:00:00	0.00	3632.46
08/01	09:00:00	026:05:00	0.00	3630.41
08/01	09:05:00	026:10:00	0.00	3631.77
08/01	09:10:00	026:15:00	0.00	3632.82
08/01	09:15:00	026:20:00	0.00	3635.12
08/01	09:20:00	026:25:00	0.00	3635.71
08/01	09:25:00	026:30:00	0.00	3635.99
08/01	09:30:00	026:35:00	0.00	3635.90
08/01	09:35:00	026:40:00	0.00	3636.96
08/01	09:40:00	026:45:00	0.00	3636.76

Date	Time	Elapsed Time	H.F. PSIA	Surface PSIA
08/01	09:45:00	026:50:00	0.00	3638.41
08/01	09:50:00	026:55:00	0.00	3639.10
08/01	09:55:00	027:00:00	0.00	3640.13
08/01	10:00:00	027:05:00	0.00	3641.78
08/01	10:05:00	027:10:00	0.00	3642.20
08/01	10:10:00	027:15:00	0.00	3642.57
08/01	10:15:00	027:20:00	0.00	3642.37
08/01	10:20:00	027:25:00	0.00	3645.26
08/01	10:25:00	027:30:00	0.00	3645.54
08/01	10:30:00	027:35:00	0.00	3645.20
08/01	10:35:00	027:40:00	0.00	3644.95
08/01	10:40:00	027:45:00	0.00	3644.90
08/01	10:45:00	027:50:00	0.00	3647.71
08/01	10:50:00	027:55:00	0.00	3646.36
08/01	10:55:00	028:00:00	0.00	3649.55
08/01	11:00:00	028:05:00	0.00	3650.52
08/01	11:05:00	028:10:00	0.00	3651.57
08/01	11:10:00	028:15:00	0.00	3654.95
08/01	11:15:00	028:20:00	0.00	3657.37
08/01	11:20:00	028:25:00	0.00	3657.83
08/01	11:25:00	028:30:00	0.00	3657.87
08/01	11:30:00	028:35:00	0.00	3657.61
08/01	11:35:00	028:40:00	0.00	3658.76
08/01	11:40:00	028:45:00	0.00	3660.20
08/01	11:45:00	028:50:00	0.00	3661.23
08/01	11:50:00	028:55:00	0.00	3659.45
08/01	11:55:00	029:00:00	0.00	3659.87
08/01	12:00:00	029:05:00	0.00	3659.52
08/01	12:05:00	029:10:00	0.00	3658.72
08/01	12:10:00	029:15:00	0.00	3658.84
08/01	12:15:00	029:20:00	0.00	3662.04
08/01	12:20:00	029:25:00	0.00	3659.38
08/01	12:25:00	029:30:00	0.00	3661.26
08/01	12:30:00	029:35:00	0.00	3661.10
08/01	12:35:00	029:40:00	0.00	3663.88
08/01	12:40:00	029:45:00	0.00	3664.18
08/01	12:45:00	029:50:00	0.00	3661.89
08/01	12:50:00	029:55:00	0.00	3658.37
08/01	12:55:00	030:00:00	0.00	3659.54
08/01	13:00:00	030:05:00	0.00	3661.47
08/01	13:10:00	030:15:00	0.00	3661.44
08/01	13:15:00	030:20:00	0.00	3663.31
08/01	13:20:00	030:25:00	0.00	3665.97
08/01	13:25:00	030:30:00	0.00	3666.33
08/01	13:30:00	030:35:00	0.00	3664.17
08/01	13:35:00	030:40:00	0.00	3663.36
08/01	13:40:00	030:45:00	0.00	3666.74
08/01	13:45:00	030:50:00	0.00	3664.17
08/01	13:50:00	030:55:00	0.00	3660.24
08/01	13:55:00	031:00:00	0.00	3659.00
08/01	14:00:00	031:05:00	0.00	3659.12
08/01	14:05:00	031:10:00	0.00	3659.95
08/01	14:10:00	031:15:00	0.00	3659.71
08/01	14:15:00	031:20:00	0.00	3658.13
08/01	14:20:00	031:25:00	0.00	3658.79
08/01	14:25:00	031:30:00	0.00	3658.87
08/01	14:30:00	031:35:00	0.00	3659.39
08/01	14:35:00	031:40:00	0.00	3659.71
08/01	14:40:00	031:45:00	0.00	3658.65
08/01	14:45:00	031:50:00	0.00	3659.37

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/01	14:50:00	031:55:00	0.00	3657.31
08/01	14:55:00	032:00:00	0.00	3657.59
08/01	15:00:00	032:05:00	0.00	3656.63
08/01	15:05:00	032:10:00	0.00	3657.34
08/01	15:10:00	032:15:00	0.00	3656.43
08/01	15:15:00	032:20:00	0.00	3660.22
08/01	15:20:00	032:25:00	0.00	3664.94
08/01	15:25:00	032:30:00	0.00	3667.82
08/01	15:30:00	032:35:00	0.00	3667.46
08/01	15:35:00	032:40:00	0.00	3669.25
08/01	15:40:00	032:45:00	0.00	3665.33
08/01	15:45:00	032:50:00	0.00	3662.17

Shut well in.

08/01	15:50:00	000:00:00	0.00	3660.93
08/01	15:55:00	000:05:00	0.00	5551.02
08/01	16:00:00	000:10:00	0.00	5624.18
08/01	16:05:00	000:15:00	0.00	5656.92
08/01	16:10:00	000:20:00	0.00	5681.51
08/01	16:15:00	000:25:00	0.00	5703.21
08/01	16:20:00	000:30:00	0.00	5722.90
08/01	16:25:00	000:35:00	0.00	5739.89
08/01	16:25:00	000:35:00	0.00	5740.19
08/01	16:30:00	000:40:00	0.00	5756.58
08/01	16:35:00	000:45:00	0.00	5771.67
08/01	16:40:00	000:50:00	0.00	5785.53
08/01	16:50:00	001:00:00	0.00	5813.22
08/01	16:55:00	001:05:00	0.00	5826.44
08/01	17:00:00	001:10:00	0.00	5837.95
08/01	17:05:00	001:15:00	0.00	5848.69
08/01	17:10:00	001:20:00	0.00	5859.25
08/01	17:15:00	001:25:00	0.00	5868.27
08/01	17:20:00	001:30:00	0.00	5877.37
08/01	17:25:00	001:35:00	0.00	5886.46
08/01	17:35:00	001:45:00	0.00	5903.03
08/01	17:40:00	001:50:00	0.00	5911.38
08/01	17:45:00	001:55:00	0.00	5919.52
08/01	17:50:00	002:00:00	0.00	5927.19
08/01	17:55:00	002:05:00	0.00	5935.11
08/01	18:00:00	002:10:00	0.00	5942.46
08/01	18:05:00	002:15:00	0.00	5949.48
08/01	18:10:00	002:20:00	0.00	5956.08
08/01	18:15:00	002:25:00	0.00	5962.32
08/01	18:20:00	002:30:00	0.00	5968.48
08/01	18:25:00	002:35:00	0.00	5974.46
08/01	18:30:00	002:40:00	0.00	5980.59
08/01	18:35:00	002:45:00	0.00	5986.51
08/01	18:40:00	002:50:00	0.00	5992.62
08/01	18:45:00	002:55:00	0.00	5998.92
08/01	18:50:00	003:00:00	0.00	6004.99
08/01	18:55:00	003:05:00	0.00	6010.50
08/01	19:00:00	003:10:00	0.00	6015.86
08/01	19:05:00	003:15:00	17.88	6021.46
08/01	19:10:00	003:20:00	23.92	6026.72
08/01	19:15:00	003:25:00	26.45	6032.35
08/01	19:20:00	003:30:00	24.95	6037.76
08/01	19:25:00	003:35:00	24.49	6043.00
08/01	19:30:00	003:40:00	25.61	6048.08
08/01	19:35:00	003:45:00	25.38	6053.08

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/01	19:40:00	003:50:00	25.26	6057.81

Bled down pressure on blanking cap.
Stabbed lubricator.

08/01	19:45:00	003:55:00	24.70	6062.49
08/01	19:50:00	004:00:00	15.87	49.29
08/01	19:55:00	004:05:00	15.70	50.19
08/01	20:00:00	004:10:00	15.69	50.30

Pressured up lubricator.

08/01	20:05:00	004:15:00	5968.17	50.31
08/01	20:10:00	004:20:00	6027.82	50.38
08/01	20:15:00	004:25:00	6008.72	50.32
08/01	20:20:00	004:30:00	6144.43	50.25
08/01	20:25:00	004:35:00	6109.25	6091.57
08/01	20:30:00	004:40:00	6115.38	6095.28
08/01	20:35:00	004:45:00	6109.91	6098.31
08/01	20:40:00	004:50:00	6115.38	6100.12
08/01	20:45:00	004:55:00	4785.54	4722.05
08/01	20:50:00	005:00:00	6078.48	6093.69

"O" rings blew out in grease head.

Panex reading atmospheric pressure.

Waited until daylight to rig back up.

08/01	20:55:00	005:05:00	40.17	15.92
08/01	21:00:00	005:10:00	22.86	14.82
08/01	21:05:00	005:15:00	13.36	14.81
08/01	21:10:00	005:20:00	6.11	14.75
08/01	21:15:00	005:25:00	14.84	14.68
08/01	21:20:00	005:30:00	15.57	14.67
08/01	21:25:00	005:35:00	18.43	14.58
08/01	21:30:00	005:40:00	0.00	14.56
08/01	21:35:00	005:45:00	0.00	14.52
08/01	21:40:00	005:50:00	0.00	14.45
08/01	21:45:00	005:55:00	0.00	14.43
08/01	21:50:00	006:00:00	0.00	14.39
08/01	21:55:00	006:05:00	0.00	14.34
08/01	22:00:00	006:10:00	0.00	14.31
08/01	22:05:00	006:15:00	0.00	14.28
08/01	22:10:00	006:20:00	0.00	14.24
08/01	22:15:00	006:25:00	0.00	14.25
08/01	22:20:00	006:30:00	0.00	14.27
08/01	22:25:00	006:35:00	0.00	14.26
08/01	22:30:00	006:40:00	0.00	14.24
08/01	22:35:00	006:45:00	0.00	14.23
08/01	22:40:00	006:50:00	0.00	14.25
08/01	22:45:00	006:55:00	0.00	14.26
08/01	22:50:00	007:00:00	0.00	14.26
08/01	22:55:00	007:05:00	0.00	14.23
08/01	23:00:00	007:10:00	0.00	14.23
08/01	23:05:00	007:15:00	0.00	14.22
08/01	23:10:00	007:20:00	0.00	14.18
08/01	23:15:00	007:25:00	0.00	14.22
08/01	23:20:00	007:30:00	0.00	14.12
08/01	23:30:00	007:40:00	0.00	14.08
08/01	23:35:00	007:45:00	0.00	14.05
08/01	23:40:00	007:50:00	0.00	14.03

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/01	23:45:00	007:55:00	0.00	14.00
08/01	23:50:00	008:00:00	0.00	13.97
08/01	23:55:00	008:05:00	0.00	14.01
08/02	00:00:00	008:10:00	0.00	14.04
08/02	00:05:00	008:15:00	0.00	13.99
08/02	00:10:00	008:20:00	0.00	13.99
08/02	00:15:00	008:25:00	0.00	14.00
08/02	00:20:00	008:30:00	0.00	13.99
08/02	00:25:00	008:35:00	0.00	13.95
08/02	00:30:00	008:40:00	0.00	13.95
08/02	00:35:00	008:45:00	0.00	13.95
08/02	00:40:00	008:50:00	0.00	13.97
08/02	00:45:00	008:55:00	0.00	13.95
08/02	00:50:00	009:00:00	0.00	13.98
08/02	00:55:00	009:05:00	0.00	13.98
08/02	01:00:00	009:10:00	0.00	13.97
08/02	01:05:00	009:15:00	0.00	13.95
08/02	01:10:00	009:20:00	0.00	13.98
08/02	01:15:00	009:25:00	0.00	14.00
08/02	01:20:00	009:30:00	0.00	13.97
08/02	01:25:00	009:35:00	0.00	13.95
08/02	01:30:00	009:40:00	0.00	13.95
08/02	01:35:00	009:45:00	0.00	13.93
08/02	01:45:00	009:55:00	0.00	13.91
08/02	01:50:00	010:00:00	0.00	13.92
08/02	01:55:00	010:05:00	0.00	13.91
08/02	02:00:00	010:10:00	0.00	13.93
08/02	02:05:00	010:15:00	0.00	13.93
08/02	02:05:00	010:15:00	0.00	13.95
08/02	02:10:00	010:20:00	0.00	13.94
08/02	02:15:00	010:25:00	0.00	13.95
08/02	02:20:00	010:30:00	0.00	13.96
08/02	02:25:00	010:35:00	0.00	13.97
08/02	02:30:00	010:40:00	0.00	13.97
08/02	02:35:00	010:45:00	0.00	13.94
08/02	02:40:00	010:50:00	0.00	13.92
08/02	02:45:00	010:55:00	0.00	13.91
08/02	02:50:00	011:00:00	0.00	13.93
08/02	02:55:00	011:05:00	0.00	13.93
08/02	03:00:00	011:10:00	0.00	13.94
08/02	03:05:00	011:15:00	0.00	13.95
08/02	03:10:00	011:20:00	0.00	13.95
08/02	03:15:00	011:25:00	0.00	13.97
08/02	03:20:00	011:30:00	0.00	14.00
08/02	03:25:00	011:35:00	0.00	14.01
08/02	03:30:00	011:40:00	0.00	13.99
08/02	03:35:00	011:45:00	0.00	13.98
08/02	03:40:00	011:50:00	0.00	13.94
08/02	03:45:00	011:55:00	0.00	13.89
08/02	03:50:00	012:00:00	0.00	13.88
08/02	03:55:00	012:05:00	0.00	13.89
08/02	04:00:00	012:10:00	0.00	13.88
08/02	04:05:00	012:15:00	0.00	13.83
08/02	04:10:00	012:20:00	0.00	13.80
08/02	04:15:00	012:25:00	0.00	13.78
08/02	04:20:00	012:30:00	0.00	13.78
08/02	04:25:00	012:35:00	0.00	13.78
08/02	04:30:00	012:40:00	0.00	13.80
08/02	04:35:00	012:45:00	0.00	13.76
08/02	04:40:00	012:50:00	0.00	13.81

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/02	04:45:00	012:55:00	0.00	13.86
08/02	04:50:00	013:00:00	0.00	13.88
08/02	04:55:00	013:05:00	0.00	13.87
08/02	05:00:00	013:10:00	0.00	13.88
08/02	05:05:00	013:15:00	0.00	13.84
08/02	05:10:00	013:20:00	0.00	13.84
08/02	05:15:00	013:25:00	0.00	13.86
08/02	05:20:00	013:30:00	0.00	13.86
08/02	05:25:00	013:35:00	0.00	13.86
08/02	05:30:00	013:40:00	0.00	13.88
08/02	05:35:00	013:45:00	0.00	13.89
08/02	05:40:00	013:50:00	0.00	13.89
08/02	05:45:00	013:55:00	0.00	13.89
08/02	05:50:00	014:00:00	0.00	13.89
08/02	05:55:00	014:05:00	0.00	13.86
08/02	06:00:00	014:10:00	0.00	13.88
08/02	06:05:00	014:15:00	0.00	13.89
08/02	06:10:00	014:20:00	0.00	13.86
08/02	06:15:00	014:25:00	0.00	13.86
08/02	06:20:00	014:30:00	0.00	13.81
08/02	06:25:00	014:35:00	0.00	13.76
08/02	06:30:00	014:40:00	0.00	13.71
08/02	06:35:00	014:45:00	0.00	13.68
08/02	06:40:00	014:50:00	0.00	13.64
08/02	06:45:00	014:55:00	0.00	13.60
08/02	06:50:00	015:00:00	17.51	13.59
08/02	06:50:30	015:00:30	17.66	13.58
08/02	06:50:40	015:00:40	17.69	13.57
08/02	06:50:50	015:00:50	17.73	13.59
08/02	06:51:00	015:01:00	17.58	13.59
08/02	06:51:10	015:01:10	17.63	13.55
08/02	06:51:20	015:01:20	17.64	13.57
08/02	06:51:30	015:01:30	17.68	13.57
08/02	06:51:40	015:01:40	17.70	13.58
08/02	06:52:00	015:02:00	17.80	13.56
08/02	06:53:00	015:03:00	17.89	13.55
08/02	06:54:00	015:04:00	17.76	13.54
08/02	06:55:00	015:05:00	17.41	13.54
08/02	06:56:00	015:06:00	16.84	13.53
08/02	06:57:00	015:07:00	16.56	13.49
08/02	06:58:00	015:08:00	16.45	13.49
08/02	06:59:00	015:09:00	16.47	13.64
08/02	07:00:00	015:10:00	16.56	13.60
08/02	07:01:00	015:11:00	16.51	13.59
08/02	07:02:00	015:12:00	16.50	13.58
08/02	07:03:00	015:13:00	16.31	13.56
08/02	07:04:00	015:14:00	16.29	13.50
08/02	07:05:00	015:15:00	16.28	13.51
08/02	07:06:00	015:16:00	16.11	13.50
08/02	07:07:00	015:17:00	15.89	13.52
08/02	07:08:00	015:18:00	15.71	13.52
08/02	07:10:00	015:20:00	15.68	13.47
08/02	07:11:00	015:21:00	15.48	13.46
08/02	07:12:00	015:22:00	15.26	13.46
08/02	07:13:00	015:23:00	15.15	13.42
08/02	07:14:00	015:24:00	15.00	13.35
08/02	07:15:00	015:25:00	14.84	13.29
08/02	07:16:00	015:26:00	15.47	13.22
08/02	07:16:40	015:26:40	15.87	13.21
08/02	07:16:50	015:26:50	15.99	13.18

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/02	07:17:00	015:27:00	16.06	13.18
08/02	07:17:10	015:27:10	16.19	13.18
08/02	07:17:20	015:27:20	16.30	13.18
08/02	07:17:30	015:27:30	16.42	13.16
08/02	07:17:40	015:27:40	16.51	13.13
08/02	07:17:50	015:27:50	16.61	13.12
08/02	07:18:00	015:28:00	16.74	13.12
08/02	07:18:10	015:28:10	16.84	13.13
08/02	07:18:20	015:28:20	16.95	13.13
08/02	07:18:30	015:28:30	17.06	13.13
08/02	07:18:40	015:28:40	17.17	13.10
08/02	07:18:50	015:28:50	17.30	13.12
08/02	07:19:00	015:29:00	17.39	13.12
08/02	07:19:10	015:29:10	17.51	13.10
08/02	07:19:20	015:29:20	17.57	13.10
08/02	07:19:30	015:29:30	17.78	13.11
08/02	07:19:40	015:29:40	17.88	13.11
08/02	07:19:50	015:29:50	18.04	13.10
08/02	07:20:00	015:30:00	18.19	13.09
08/02	07:20:10	015:30:10	18.33	13.09
08/02	07:20:20	015:30:20	18.47	13.09
08/02	07:20:30	015:30:30	18.61	13.09
08/02	07:20:40	015:30:40	18.80	13.07
08/02	07:20:50	015:30:50	18.91	13.08

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/02	15:10:00	023:20:00	0.00	6430.21
08/02	15:11:00	023:21:00	0.00	6430.09
08/02	15:12:00	023:22:00	0.00	6429.91
08/02	15:13:00	023:23:00	0.00	6430.20
08/02	15:14:00	023:24:00	0.00	6429.95
08/02	15:15:00	023:25:00	0.00	6429.78
08/02	15:16:00	023:26:00	0.00	6429.87
08/02	15:17:00	023:27:00	0.00	6430.05

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
Opened well at 08:02:15:21:50.				
08/02	15:39:20	000:00:00	0.00	5420.98
08/02	15:39:30	000:00:10	0.00	5421.68
08/02	15:39:40	000:00:20	0.00	5422.10
08/02	15:39:50	000:00:30	0.00	5422.30
08/02	15:40:10	000:00:50	0.00	5422.67
08/02	15:40:10	000:00:50	0.00	5423.11
08/02	15:40:20	000:01:00	0.00	5423.60
08/02	15:40:30	000:01:10	0.00	5423.56
08/02	15:40:40	000:01:20	0.00	5424.34
08/02	15:40:50	000:01:30	0.00	5425.24
08/02	15:41:00	000:01:40	0.00	5425.75
08/02	15:41:10	000:01:50	0.00	5425.90
08/02	15:41:20	000:02:00	0.00	5426.41
08/02	15:41:30	000:02:10	0.00	5427.24
08/02	15:41:40	000:02:20	0.00	5428.12
08/02	15:41:50	000:02:30	0.00	5428.93
08/02	15:42:00	000:02:40	0.00	5429.26
08/02	15:42:10	000:02:50	0.00	5430.51
08/02	15:42:20	000:03:00	0.00	5431.04
08/02	15:42:30	000:03:10	0.00	5432.82
08/02	15:42:40	000:03:20	0.00	5433.28
08/02	15:42:50	000:03:30	0.00	5433.60
08/02	15:43:00	000:03:40	0.00	5434.65
08/02	15:43:10	000:03:50	0.00	5436.51
08/02	15:43:20	000:04:00	0.00	5437.00
08/02	15:43:30	000:04:10	0.00	5436.93
08/02	15:43:50	000:04:30	0.00	5439.32
08/02	15:43:50	000:04:30	0.00	5439.02
08/02	15:44:00	000:04:40	0.00	5439.45
08/02	15:44:10	000:04:50	0.00	5439.25
08/02	15:44:20	000:05:00	0.00	5439.94
08/02	15:44:30	000:05:10	0.00	5440.54
08/02	15:44:40	000:05:20	0.00	5440.84
08/02	15:44:50	000:05:30	0.00	5441.68
08/02	15:45:00	000:05:40	0.00	5441.31
08/02	15:45:10	000:05:50	0.00	5441.44
08/02	15:45:20	000:06:00	0.00	5441.67
08/02	15:45:30	000:06:10	0.00	5442.75
08/02	15:45:40	000:06:20	0.00	5443.82
08/02	15:45:50	000:06:30	0.00	5443.80
08/02	15:46:00	000:06:40	0.00	5443.57
08/02	15:46:10	000:06:50	0.00	5443.58
08/02	15:46:20	000:07:00	0.00	5443.01
08/02	15:46:30	000:07:10	0.00	5443.82
08/02	15:46:40	000:07:20	0.00	5442.12
08/02	15:46:50	000:07:30	0.00	5444.76
08/02	15:47:00	000:07:40	0.00	5448.76
08/02	15:47:10	000:07:50	0.00	5447.87
08/02	15:47:20	000:08:00	0.00	5447.23
08/02	15:47:30	000:08:10	0.00	5446.99
08/02	15:47:40	000:08:20	0.00	5446.44
08/02	15:47:50	000:08:30	0.00	5448.48
08/02	15:48:00	000:08:40	0.00	5450.64
08/02	15:48:10	000:08:50	0.00	5447.95
08/02	15:48:30	000:09:10	0.00	5446.60
08/02	15:48:30	000:09:10	0.00	5451.21
08/02	15:48:40	000:09:20	0.00	5451.16

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/02	15:48:50	000:09:30	0.00	5446.46
08/02	15:49:00	000:09:40	0.00	5445.00
08/02	15:49:10	000:09:50	0.00	5445.08
08/02	15:49:20	000:10:00	0.00	5440.65
08/02	15:49:30	000:10:10	0.00	5459.60
08/02	15:49:40	000:10:20	0.00	5449.76
08/02	15:49:50	000:10:30	0.00	5448.00
08/02	15:50:00	000:10:40	0.00	5447.29
08/02	15:50:10	000:10:50	0.00	5446.91
08/02	15:50:20	000:11:00	0.00	5449.44
08/02	15:50:30	000:11:10	0.00	5447.43
08/02	15:50:40	000:11:20	0.00	5438.99
08/02	15:50:50	000:11:30	0.00	5449.45
08/02	15:51:00	000:11:40	0.00	5444.97
08/02	15:51:10	000:11:50	0.00	5445.47
08/02	15:51:20	000:12:00	0.00	5445.67
08/02	15:51:30	000:12:10	0.00	5445.65
08/02	15:51:40	000:12:20	0.00	5445.07
08/02	15:51:50	000:12:30	0.00	5444.37
08/02	15:52:00	000:12:40	0.00	5444.69
08/02	15:52:10	000:12:50	0.00	5444.96
08/02	15:52:20	000:13:00	0.00	5444.41
08/02	15:52:30	000:13:10	0.00	5443.82
08/02	15:52:40	000:13:20	0.00	5443.88
08/02	15:52:50	000:13:30	0.00	5443.33
08/02	15:53:00	000:13:40	0.00	5443.36
08/02	15:53:10	000:13:50	0.00	5442.81
08/02	15:53:20	000:14:00	0.00	5442.50
08/02	15:53:30	000:14:10	0.00	5441.61
08/02	15:53:40	000:14:20	0.00	5442.47
08/02	15:53:50	000:14:30	0.00	5442.70
08/02	15:54:00	000:14:40	0.00	5442.56
08/02	15:54:20	000:15:00	0.00	5442.16
08/02	15:54:20	000:15:00	0.00	5442.54
08/02	15:54:30	000:15:10	0.00	5441.78
08/02	15:54:40	000:15:20	0.00	5442.16
08/02	15:54:50	000:15:30	0.00	5441.80
08/02	15:55:00	000:15:40	0.00	5441.01
08/02	15:55:10	000:15:50	0.00	5441.45
08/02	15:55:20	000:16:00	0.00	5440.67
08/02	15:55:30	000:16:10	0.00	5441.16
08/02	15:55:40	000:16:20	0.00	5440.95
08/02	15:55:50	000:16:30	0.00	5440.56
08/02	15:56:00	000:16:40	0.00	5440.22
08/02	15:56:10	000:16:50	0.00	5439.63
08/02	15:56:20	000:17:00	0.00	5440.24
08/02	15:56:30	000:17:10	0.00	5440.30
08/02	15:56:40	000:17:20	0.00	5440.49
08/02	15:56:50	000:17:30	0.00	5439.49
08/02	15:57:00	000:17:40	0.00	5439.64
08/02	15:57:10	000:17:50	0.00	5439.10
08/02	15:57:20	000:18:00	0.00	5439.10
08/02	15:57:30	000:18:10	0.00	5439.13
08/02	15:57:40	000:18:20	0.00	5439.26
08/02	15:57:50	000:18:30	0.00	5439.43
08/02	15:58:00	000:18:40	0.00	5439.74
08/02	15:58:10	000:18:50	0.00	5439.29
08/02	15:58:20	000:19:00	0.00	5439.29
08/02	15:58:30	000:19:10	0.00	5439.74
08/02	15:58:40	000:19:20	0.00	5440.07

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/02	15:58:50	000:19:30	0.00	5439.48
08/02	15:59:00	000:19:40	0.00	5439.27
08/02	15:59:10	000:19:50	0.00	5439.51
08/02	15:59:20	000:20:00	0.00	5439.34
08/02	15:59:30	000:20:10	0.00	5439.62
08/02	15:59:40	000:20:20	0.00	5441.52
08/02	15:59:50	000:20:30	0.00	5439.74
08/02	16:00:00	000:20:40	0.00	5438.40
08/02	16:00:10	000:20:50	0.00	5437.98
08/02	16:00:20	000:21:00	0.00	5438.27
08/02	16:00:30	000:21:10	0.00	5438.24
08/02	16:00:40	000:21:20	0.00	5437.81
08/02	16:00:50	000:21:30	0.00	5437.50
08/02	16:01:00	000:21:40	0.00	5437.23
08/02	16:01:10	000:21:50	0.00	5437.10
08/02	16:01:20	000:22:00	0.00	5437.18
08/02	16:01:30	000:22:10	0.00	5436.90
08/02	16:01:40	000:22:20	0.00	5437.21
08/02	16:01:50	000:22:30	0.00	5436.99
08/02	16:02:00	000:22:40	0.00	5437.01
08/02	16:02:10	000:22:50	0.00	5437.11
08/02	16:02:20	000:23:00	0.00	5437.25
08/02	16:02:30	000:23:10	0.00	5437.36
08/02	16:02:40	000:23:20	0.00	5436.90
08/02	16:02:50	000:23:30	0.00	5437.41
08/02	16:03:00	000:23:40	0.00	5436.94
08/02	16:03:10	000:23:50	0.00	5437.69
08/02	16:03:20	000:24:00	0.00	5436.84
08/02	16:03:30	000:24:10	0.00	5437.15
08/02	16:03:40	000:24:20	0.00	5436.59
08/02	16:03:50	000:24:30	0.00	5436.42
08/02	16:04:00	000:24:40	0.00	5437.10
08/02	16:04:10	000:24:50	0.00	5436.08
08/02	16:04:20	000:25:00	0.00	5436.39
08/02	16:04:30	000:25:10	0.00	5436.33
08/02	16:04:40	000:25:20	0.00	5436.20
08/02	16:04:50	000:25:30	0.00	5435.89
08/02	16:05:00	000:25:40	0.00	5435.28
08/02	16:05:10	000:25:50	0.00	5435.41
08/02	16:05:20	000:26:00	0.00	5435.61
08/02	16:05:30	000:26:10	0.00	5435.35
08/02	16:05:40	000:26:20	0.00	5435.53
08/02	16:05:50	000:26:30	0.00	5434.92
08/02	16:06:00	000:26:40	0.00	5434.95
08/02	16:06:10	000:26:50	0.00	5435.14
08/02	16:06:20	000:27:00	0.00	5435.08
08/02	16:06:30	000:27:10	0.00	5435.26
08/02	16:06:40	000:27:20	0.00	5434.93
08/02	16:06:50	000:27:30	0.00	5434.91
08/02	16:07:00	000:27:40	0.00	5434.46
08/02	16:07:10	000:27:50	0.00	5435.05
08/02	16:07:20	000:28:00	0.00	5434.67
08/02	16:07:30	000:28:10	0.00	5434.64
08/02	16:07:40	000:28:20	0.00	5434.38
08/02	16:07:50	000:28:30	0.00	5434.69
08/02	16:08:00	000:28:40	0.00	5434.54
08/02	16:08:10	000:28:50	0.00	5434.39
08/02	16:08:20	000:29:00	0.00	5434.59
08/02	16:08:30	000:29:10	0.00	5434.10
08/02	16:08:40	000:29:20	0.00	5434.30

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/02	16:08:50	000:28:30	0.00	5433.90
08/02	16:09:00	000:28:40	0.00	5434.24
08/02	16:09:10	000:28:50	0.00	5434.04
08/02	16:09:20	000:30:00	0.00	5434.03
08/02	16:09:30	000:30:10	0.00	5433.85
08/02	16:09:40	000:30:20	0.00	5433.93
08/02	16:09:50	000:30:30	0.00	5433.57
08/02	16:10:00	000:30:40	0.00	5433.30
08/02	16:10:10	000:30:50	0.00	5433.26
08/02	16:10:20	000:31:00	0.00	5432.86
08/02	16:10:30	000:31:10	0.00	5433.42
08/02	16:10:40	000:31:20	0.00	5433.52
08/02	16:10:50	000:31:30	0.00	5432.97
08/02	16:11:10	000:31:50	0.00	5432.37
08/02	16:11:10	000:31:50	0.00	5432.67
08/02	16:11:20	000:32:00	0.00	5432.57
08/02	16:11:30	000:32:10	0.00	5550.67
08/02	16:11:40	000:32:20	0.00	5562.82
08/02	16:11:50	000:32:30	0.00	5517.22
08/02	16:12:00	000:32:40	0.00	5505.29
08/02	16:12:10	000:32:50	0.00	5506.37
08/02	16:12:20	000:33:00	0.00	5505.66
08/02	16:12:30	000:33:10	0.00	5505.39
08/02	16:12:40	000:33:20	0.00	5505.15
08/02	16:12:50	000:33:30	0.00	5505.74
08/02	16:13:00	000:33:40	0.00	5505.11
08/02	16:13:10	000:33:50	0.00	5504.81
08/02	16:13:20	000:34:00	0.00	5504.90
08/02	16:13:30	000:34:10	0.00	5505.54
08/02	16:13:40	000:34:20	0.00	5504.82
08/02	16:13:50	000:34:30	0.00	5504.74
08/02	16:14:00	000:34:40	0.00	5505.76
08/02	16:14:10	000:34:50	0.00	5504.98
08/02	16:14:20	000:35:00	0.00	5505.27
08/02	16:14:30	000:35:10	0.00	5505.50
08/02	16:14:40	000:35:20	0.00	5505.05
08/02	16:14:50	000:35:30	0.00	5505.11
08/02	16:15:00	000:35:40	0.00	5505.18
08/02	16:15:10	000:35:50	0.00	5505.08
08/02	16:15:20	000:36:00	0.00	5504.74
08/02	16:15:30	000:36:10	0.00	5505.08
08/02	16:15:40	000:36:20	0.00	5504.90
08/02	16:15:50	000:36:30	0.00	5504.59
08/02	16:16:00	000:36:40	0.00	5504.62
08/02	16:16:10	000:36:50	0.00	5504.51
08/02	16:16:20	000:37:00	0.00	5504.52
08/02	16:16:30	000:37:10	0.00	5504.39
08/02	16:16:40	000:37:20	0.00	5503.98
08/02	16:16:50	000:37:30	0.00	5504.60
08/02	16:17:00	000:37:40	0.00	5504.61
08/02	16:17:10	000:37:50	0.00	5504.40
08/02	16:17:20	000:38:00	0.00	5504.71
08/02	16:17:30	000:38:10	0.00	5504.63
08/02	16:17:40	000:38:20	0.00	5504.71
08/02	16:17:50	000:38:30	0.00	5504.43
08/02	16:18:00	000:38:40	0.00	5504.60
08/02	16:18:10	000:38:50	0.00	5504.17
08/02	16:18:20	000:39:00	0.00	5503.69
08/02	16:18:30	000:39:10	0.00	5503.27
08/02	16:18:50	000:39:30	0.00	5503.27

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/02	16:18:50	000:39:30	0.00	5503.15
08/02	16:19:00	000:39:40	0.00	5503.38
08/02	16:19:10	000:39:50	0.00	5503.02
08/02	16:19:20	000:40:00	0.00	5503.02
08/02	16:19:30	000:40:10	0.00	5502.88
08/02	16:19:40	000:40:20	0.00	5502.63
08/02	16:19:50	000:40:30	0.00	5502.22
08/02	16:20:00	000:40:40	0.00	5501.99
08/02	16:20:10	000:40:50	0.00	5502.28
08/02	16:20:20	000:41:00	0.00	5502.12
08/02	16:20:30	000:41:10	0.00	5501.56
08/02	16:20:40	000:41:20	0.00	5501.33
08/02	16:20:50	000:41:30	0.00	5501.38
08/02	16:21:00	000:41:40	0.00	5501.33
08/02	16:21:20	000:42:00	0.00	5500.75
08/02	16:21:20	000:42:00	0.00	5500.93
08/02	16:21:30	000:42:10	0.00	5501.15
08/02	16:21:40	000:42:20	0.00	5501.08
08/02	16:21:50	000:42:30	0.00	5500.64
08/02	16:22:00	000:42:40	0.00	5500.97
08/02	16:22:10	000:42:50	0.00	5535.23
08/02	16:22:20	000:43:00	0.00	5535.73
08/02	16:22:30	000:43:10	0.00	5535.55
08/02	16:22:40	000:43:20	0.00	5535.63
08/02	16:22:50	000:43:30	0.00	5535.28
08/02	16:23:00	000:43:40	0.00	5535.58
08/02	16:23:10	000:43:50	0.00	5535.62
08/02	16:23:20	000:44:00	0.00	5534.88
08/02	16:23:30	000:44:10	0.00	5535.04
08/02	16:23:40	000:44:20	0.00	5534.90
08/02	16:23:50	000:44:30	0.00	5535.05
08/02	16:24:00	000:44:40	0.00	5534.17
08/02	16:24:10	000:44:50	0.00	5534.09
08/02	16:24:20	000:45:00	0.00	5533.65
08/02	16:24:30	000:45:10	0.00	5533.72
08/02	16:24:40	000:45:20	0.00	5533.94
08/02	16:24:50	000:45:30	0.00	5533.95
08/02	16:25:00	000:45:40	0.00	5534.18
08/02	16:25:10	000:45:50	0.00	5533.92
08/02	16:25:20	000:46:00	0.00	5533.87
08/02	16:25:30	000:46:10	0.00	5533.50
08/02	16:25:40	000:46:20	0.00	5533.55
08/02	16:25:50	000:46:30	0.00	5533.54
08/02	16:26:00	000:46:40	0.00	5533.69
08/02	16:26:10	000:46:50	0.00	5533.28
08/02	16:26:20	000:47:00	0.00	5533.63
08/02	16:26:30	000:47:10	0.00	5533.34
08/02	16:26:40	000:47:20	0.00	5532.97
08/02	16:26:50	000:47:30	0.00	5533.48
08/02	16:27:00	000:47:40	0.00	5533.18
08/02	16:27:10	000:47:50	0.00	5532.71
08/02	16:27:20	000:48:00	0.00	5532.53
08/02	16:27:30	000:48:10	0.00	5532.49
08/02	16:27:40	000:48:20	0.00	5532.13
08/02	16:28:00	000:48:40	0.00	5532.61
08/02	16:28:00	000:48:40	0.00	5532.53
08/02	16:28:10	000:48:50	0.00	5532.27
08/02	16:28:20	000:49:00	0.00	5532.11
08/02	16:28:30	000:49:10	0.00	5532.62
08/02	16:28:40	000:49:20	0.00	5531.86

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/02	16:28:50	000:48:30	0.00	5532.21
08/02	16:29:00	000:48:40	0.00	5531.43
08/02	16:29:10	000:48:50	0.00	5531.65
08/02	16:29:20	000:50:00	0.00	5531.83
08/02	16:29:30	000:50:10	0.00	5531.74
08/02	16:29:40	000:50:20	0.00	5531.48
08/02	16:29:50	000:50:30	0.00	5531.42
08/02	16:30:00	000:50:40	0.00	5531.55
08/02	16:30:10	000:50:50	0.00	5531.35
08/02	16:30:20	000:51:00	0.00	5531.48
08/02	16:30:30	000:51:10	0.00	5531.56
08/02	16:30:40	000:51:20	0.00	5531.42
08/02	16:30:50	000:51:30	0.00	5531.46
08/02	16:31:00	000:51:40	0.00	5530.60
08/02	16:31:10	000:51:50	0.00	5530.94
08/02	16:31:20	000:52:00	0.00	5530.92
08/02	16:31:30	000:52:10	0.00	5530.50
08/02	16:31:40	000:52:20	0.00	5530.50
08/02	16:31:50	000:52:30	0.00	5530.48
08/02	16:32:00	000:52:40	0.00	5530.21
08/02	16:32:10	000:52:50	0.00	5530.29
08/02	16:32:20	000:53:00	0.00	5530.33
08/02	16:32:30	000:53:10	0.00	5530.09
08/02	16:32:40	000:53:20	0.00	5530.02
08/02	16:32:50	000:53:30	0.00	5529.81
08/02	16:33:00	000:53:40	0.00	5529.43
08/02	16:33:20	000:54:00	0.00	5529.68
08/02	16:33:20	000:54:00	0.00	5529.16
08/02	16:33:30	000:54:10	0.00	5529.47
08/02	16:33:40	000:54:20	0.00	5529.53
08/02	16:33:50	000:54:30	0.00	5529.28
08/02	16:34:00	000:54:40	0.00	5529.84
08/02	16:34:10	000:54:50	0.00	5529.53
08/02	16:34:20	000:55:00	0.00	5529.24
08/02	16:34:30	000:55:10	0.00	5528.77
08/02	16:34:40	000:55:20	0.00	5528.29
08/02	16:34:50	000:55:30	0.00	5528.61
08/02	16:35:00	000:55:40	0.00	5528.61
08/02	16:35:10	000:55:50	0.00	5528.37
08/02	16:35:20	000:56:00	0.00	5528.58
08/02	16:35:30	000:56:10	0.00	5528.92
08/02	16:36:00	000:56:40	0.00	5528.15
08/02	16:37:00	000:57:40	0.00	5526.66
08/02	16:39:00	000:59:40	0.00	5525.64
08/02	16:40:00	001:00:40	0.00	5524.09
08/02	16:41:00	001:01:40	0.00	5524.16
08/02	16:42:00	001:02:40	0.00	5523.54
08/02	16:43:00	001:03:40	0.00	5523.42
08/02	16:44:00	001:04:40	0.00	5522.27
08/02	16:45:00	001:05:40	0.00	5522.19
08/02	16:46:00	001:06:40	0.00	5521.08
08/02	16:47:00	001:07:40	0.00	5520.64
08/02	16:48:00	001:08:40	0.00	5520.10
08/02	16:49:00	001:09:40	0.00	5520.20
08/02	16:50:00	001:10:40	0.00	5518.83
08/02	16:51:00	001:11:40	0.00	5517.83
08/02	16:52:00	001:12:40	0.00	5517.52
08/02	16:53:00	001:13:40	0.00	5516.69
08/02	16:54:00	001:14:40	0.00	5515.77
08/02	16:55:00	001:15:40	0.00	5507.26

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/02	16:56:00	001:16:40	0.00	5504.42
08/02	16:57:00	001:17:40	0.00	5503.06
08/02	16:58:00	001:18:40	0.00	5501.55
08/02	16:58:00	001:18:40	0.00	5501.55
08/02	16:59:00	001:19:40	0.00	5498.91
08/02	17:00:00	001:20:40	0.00	5497.64
08/02	17:01:00	001:21:40	0.00	5497.07
08/02	17:02:00	001:22:40	0.00	5249.03
08/02	17:03:00	001:23:40	0.00	5282.20
08/02	17:04:00	001:24:40	0.00	5271.51
08/02	17:05:00	001:25:40	0.00	5270.81
08/02	17:06:00	001:26:40	0.00	5269.04
08/02	17:07:00	001:27:40	0.00	5267.39
08/02	17:08:00	001:28:40	0.00	5266.80
08/02	17:09:00	001:29:40	0.00	5266.16
08/02	17:10:00	001:30:40	0.00	5264.62
08/02	17:11:00	001:31:40	0.00	5264.45
08/02	17:12:00	001:32:40	0.00	5262.36
08/02	17:14:00	001:34:40	0.00	5261.00
08/02	17:15:00	001:35:40	0.00	5259.91
08/02	17:16:00	001:36:40	0.00	5258.69
08/02	17:17:00	001:37:40	0.00	5257.28
08/02	17:18:00	001:38:40	0.00	5256.04
08/02	17:19:00	001:39:40	0.00	5255.68
08/02	17:20:00	001:40:40	0.00	5254.96
08/02	17:21:00	001:41:40	0.00	5253.10
08/02	17:22:00	001:42:40	0.00	5252.40
08/02	17:23:00	001:43:40	0.00	5251.50
08/02	17:24:00	001:44:40	0.00	5251.10
08/02	17:25:00	001:45:40	0.00	5249.63
08/02	17:30:00	001:50:40	0.00	5246.56
08/02	17:35:00	001:55:40	0.00	5241.60
08/02	17:40:00	002:00:40	0.00	5239.30
08/02	17:45:00	002:05:40	0.00	5236.58
08/02	17:50:00	002:10:40	0.00	5232.36
08/02	17:55:00	002:15:40	0.00	5227.88
08/02	18:00:00	002:20:40	0.00	5224.76
08/02	18:05:00	002:25:40	0.00	5220.33
08/02	18:10:00	002:30:40	0.00	5216.19
08/02	18:15:00	002:35:40	0.00	5213.20
08/02	18:20:00	002:40:40	0.00	5208.73
08/02	18:25:00	002:45:40	0.00	5205.30
08/02	18:30:00	002:50:40	0.00	5201.53
08/02	18:35:00	002:55:40	0.00	5198.39
08/02	18:40:00	003:00:40	0.00	5195.34
08/02	18:45:00	003:05:40	0.00	5191.99
08/02	18:50:00	003:10:40	0.00	5188.68
08/02	18:55:00	003:15:40	0.00	5168.51
08/02	19:00:00	003:20:40	0.00	5166.01
08/02	19:05:00	003:25:40	0.00	5162.87
08/02	19:10:00	003:30:40	0.00	5159.54
08/02	19:15:00	003:35:40	0.00	5156.96
08/02	19:20:00	003:40:40	0.00	5154.35
08/02	19:25:00	003:45:40	0.00	5151.71
08/02	19:30:00	003:50:40	0.00	5148.42
08/02	19:35:00	003:55:40	0.00	5146.72
08/02	19:40:00	004:00:40	0.00	5143.42
08/02	19:45:00	004:05:40	0.00	5142.11
08/02	19:50:00	004:10:40	0.00	5137.29
08/02	19:55:00	004:15:40	0.00	5134.64

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/02	20:00:00	004:20:40	0.00	5133.10
08/02	20:05:00	004:25:40	0.00	5130.39
08/02	20:10:00	004:30:40	0.00	5128.18
08/02	20:15:00	004:35:40	0.00	5125.98
08/02	20:20:00	004:40:40	0.00	5124.41
08/02	20:25:00	004:45:40	0.00	5121.52
08/02	20:25:00	004:45:40	0.00	5121.46
08/02	20:30:00	004:50:40	0.00	5119.20
08/02	20:35:00	004:55:40	0.00	5117.44
08/02	20:40:00	005:00:40	0.00	5114.82
08/02	20:45:00	005:05:40	0.00	5112.77
08/02	20:50:00	005:10:40	0.00	5110.62
08/02	20:55:00	005:15:40	0.00	5108.82
08/02	21:00:00	005:20:40	0.00	5106.76
08/02	21:05:00	005:25:40	0.00	5104.61
08/02	21:10:00	005:30:40	0.00	5102.25
08/02	21:15:00	005:35:40	0.00	5100.70
08/02	21:20:00	005:40:40	0.00	5098.80
08/02	21:25:00	005:45:40	0.00	5096.63
08/02	21:30:00	005:50:40	0.00	5095.61
08/02	21:35:00	005:55:40	0.00	5093.59
08/02	21:40:00	006:00:40	0.00	5091.55
08/02	21:45:00	006:05:40	0.00	5090.35
08/02	21:50:00	006:10:40	0.00	5088.43
08/02	21:55:00	006:15:40	0.00	5085.94
08/02	22:00:00	006:20:40	0.00	5084.50
08/02	22:05:00	006:25:40	0.00	5082.38
08/02	22:10:00	006:30:40	0.00	5081.41
08/02	22:15:00	006:35:40	0.00	5079.11
08/02	22:20:00	006:40:40	0.00	5077.68
08/02	22:25:00	006:45:40	0.00	5075.80
08/02	22:30:00	006:50:40	0.00	5074.43
08/02	22:35:00	006:55:40	0.00	5073.01
08/02	22:40:00	007:00:40	0.00	5071.24
08/02	22:45:00	007:05:40	0.00	5070.66
08/02	22:50:00	007:10:40	0.00	5069.00
08/02	22:55:00	007:15:40	0.00	5067.69
08/02	23:00:00	007:20:40	0.00	5065.57
08/02	23:05:00	007:25:40	0.00	5062.17
08/02	23:10:00	007:30:40	0.00	5060.48
08/02	23:15:00	007:35:40	0.00	5057.96
08/02	23:20:00	007:40:40	0.00	5056.80
08/02	23:25:00	007:45:40	0.00	5054.64
08/02	23:30:00	007:50:40	0.00	5052.95
08/02	23:35:00	007:55:40	0.00	5051.63
08/02	23:40:00	008:00:40	0.00	5050.08
08/02	23:45:00	008:05:40	0.00	5048.26
08/02	23:50:00	008:10:40	0.00	5047.25
08/02	23:50:00	008:10:40	0.00	5046.82
08/02	23:55:00	008:15:40	0.00	5045.21
08/03	00:05:00	008:25:40	0.00	5043.64
08/03	00:05:00	008:25:40	0.00	5043.02
08/03	00:10:00	008:30:40	0.00	5041.36
08/03	00:15:00	008:35:40	0.00	5039.90
08/03	00:20:00	008:40:40	0.00	5038.75
08/03	00:25:00	008:45:40	0.00	5037.46
08/03	00:30:00	008:50:40	0.00	5036.84
08/03	00:35:00	008:55:40	0.00	5035.69
08/03	00:40:00	009:00:40	0.00	5034.42
08/03	00:45:00	009:05:40	0.00	5033.40

Date	Time	Elapsed Time	H.F. PSIA	Surface PSIA
08/03	00:50:00	009:10:40	0.00	5032.31
08/03	00:55:00	009:15:40	0.00	5031.53
08/03	01:00:00	009:20:40	0.00	5029.79
08/03	01:05:00	009:25:40	0.00	5028.79
08/03	01:10:00	009:30:40	0.00	5027.67
08/03	01:15:00	009:35:40	0.00	5025.94
08/03	01:20:00	009:40:40	0.00	5024.75
08/03	01:25:00	009:45:40	0.00	5023.62
08/03	01:30:00	009:50:40	0.00	5022.46
08/03	01:35:00	009:55:40	0.00	5020.99
08/03	01:40:00	010:00:40	0.00	5019.97
08/03	01:45:00	010:05:40	0.00	5018.39
08/03	01:50:00	010:10:40	0.00	5017.88
08/03	01:55:00	010:15:40	0.00	5016.83
08/03	02:00:00	010:20:40	0.00	5015.32
08/03	02:05:00	010:25:40	0.00	5014.66
08/03	02:10:00	010:30:40	0.00	5013.86
08/03	02:15:00	010:35:40	0.00	5012.40
08/03	02:20:00	010:40:40	0.00	5011.19
08/03	02:25:00	010:45:40	0.00	5010.35
08/03	02:30:00	010:50:40	0.00	5009.49
08/03	02:35:00	010:55:40	0.00	5008.74
08/03	02:40:00	011:00:40	0.00	5007.67
08/03	02:45:00	011:05:40	0.00	5007.41
08/03	02:50:00	011:10:40	0.00	5006.44
08/03	02:55:00	011:15:40	0.00	5005.35
08/03	03:00:00	011:20:40	0.00	5004.34
08/03	03:05:00	011:25:40	0.00	5003.47
08/03	03:10:00	011:30:40	0.00	5001.99
08/03	03:15:00	011:35:40	0.00	5002.32
08/03	03:20:00	011:40:40	0.00	5001.01
08/03	03:25:00	011:45:40	0.00	4999.37
08/03	03:30:00	011:50:40	0.00	4999.44
08/03	03:35:00	011:55:40	0.00	4999.01
08/03	03:40:00	012:00:40	0.00	4997.78
08/03	03:45:00	012:05:40	0.00	4997.13
08/03	03:50:00	012:10:40	0.00	4996.00
08/03	03:55:00	012:15:40	0.00	4995.54
08/03	04:00:00	012:20:40	0.00	4994.96
08/03	04:05:00	012:25:40	0.00	4992.87
08/03	04:10:00	012:30:40	0.00	4992.42
08/03	04:15:00	012:35:40	0.00	4991.25
08/03	04:20:00	012:40:40	0.00	4991.04
08/03	04:25:00	012:45:40	0.00	4989.49
08/03	04:30:00	012:50:40	0.00	4989.62
08/03	04:35:00	012:55:40	0.00	4988.96
08/03	04:40:00	013:00:40	0.00	4988.28
08/03	04:45:00	013:05:40	0.00	4987.32
08/03	04:50:00	013:10:40	0.00	4986.79
08/03	04:55:00	013:15:40	0.00	4986.15
08/03	05:00:00	013:20:40	0.00	4984.95
08/03	05:05:00	013:25:40	0.00	4984.49
08/03	05:10:00	013:30:40	0.00	4985.06
08/03	05:15:00	013:35:40	0.00	4984.37
08/03	05:20:00	013:40:40	0.00	4982.45
08/03	05:25:00	013:45:40	0.00	4982.83
08/03	05:30:00	013:50:40	0.00	4981.90
08/03	05:35:00	013:55:40	0.00	4981.92
08/03	05:40:00	014:00:40	0.00	4980.76
08/03	05:45:00	014:05:40	0.00	4980.16

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/03	05:50:00	014:10:40	0.00	4979.80
08/03	05:55:00	014:15:40	0.00	4978.55
08/03	06:00:00	014:20:40	0.00	4977.72
08/03	06:05:00	014:25:40	0.00	4976.98
08/03	06:10:00	014:30:40	0.00	4976.75
08/03	06:15:00	014:35:40	0.00	4974.81
08/03	06:20:00	014:40:40	0.00	4974.84
08/03	06:25:00	014:45:40	0.00	4974.17
08/03	06:30:00	014:50:40	0.00	4974.25
08/03	06:35:00	014:55:40	0.00	4972.34
08/03	06:40:00	015:00:40	0.00	4971.88
08/03	06:45:00	015:05:40	0.00	4971.48
08/03	06:50:00	015:10:40	0.00	4971.20
08/03	06:55:00	015:15:40	0.00	4969.98
08/03	07:00:00	015:20:40	0.00	4969.61
08/03	07:05:00	015:25:40	0.00	4968.50
08/03	07:10:00	015:30:40	0.00	4968.22
08/03	07:15:00	015:35:40	0.00	4966.90
08/03	07:20:00	015:40:40	0.00	4966.35
08/03	07:25:00	015:45:40	0.00	4965.85
08/03	07:30:00	015:50:40	0.00	4965.48
08/03	07:35:00	015:55:40	0.00	4964.94
08/03	07:40:00	016:00:40	0.00	4963.53
08/03	07:45:00	016:05:40	0.00	4963.01
08/03	07:50:00	016:10:40	0.00	4963.41
08/03	08:00:00	016:20:40	0.00	4962.03
08/03	08:05:00	016:25:40	0.00	4960.25
08/03	08:10:00	016:30:40	0.00	4960.15
08/03	08:15:00	016:35:40	0.00	4958.77
08/03	08:20:00	016:40:40	0.00	4957.54
08/03	08:20:00	016:40:40	0.00	4958.23
08/03	08:25:00	016:45:40	0.00	4959.03
08/03	08:30:00	016:50:40	0.00	4957.60
08/03	08:35:00	016:55:40	0.00	4956.96
08/03	08:40:00	017:00:40	0.00	4956.88
08/03	08:45:00	017:05:40	0.00	4957.17
08/03	08:50:00	017:10:40	0.00	4958.25
08/03	08:55:00	017:15:40	0.00	4956.87
08/03	09:00:00	017:20:40	0.00	4956.27
08/03	09:05:00	017:25:40	0.00	4955.27
08/03	09:10:00	017:30:40	0.00	4955.49
08/03	09:15:00	017:35:40	0.00	4955.28
08/03	09:20:00	017:40:40	0.00	4955.28
08/03	09:25:00	017:45:40	0.00	4956.07
08/03	09:30:00	017:50:40	0.00	4956.56
08/03	09:35:00	017:55:40	0.00	4955.96
08/03	09:40:00	018:00:40	0.00	4955.59
08/03	09:45:00	018:05:40	0.00	4955.67
08/03	09:50:00	018:10:40	0.00	4955.49
08/03	09:55:00	018:15:40	0.00	4954.50
08/03	10:00:00	018:20:40	0.00	4953.57
08/03	10:05:00	018:25:40	0.00	4953.89
08/03	10:10:00	018:30:40	0.00	4953.07
08/03	10:15:00	018:35:40	0.00	4952.12
08/03	10:20:00	018:40:40	0.00	4952.51
08/03	10:25:00	018:45:40	0.00	4951.96
08/03	10:35:00	018:55:40	0.00	4952.15
08/03	10:40:00	019:00:40	0.00	4951.31
08/03	10:45:00	019:05:40	0.00	4949.72
08/03	10:50:00	019:10:40	0.00	4947.91

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/03	10:55:00	019:15:40	0.00	4949.18
08/03	10:55:00	019:15:40	0.00	4948.25
08/03	11:00:00	019:20:40	0.00	4948.47
08/03	11:05:00	019:25:40	0.00	4948.39
08/03	11:10:00	019:30:40	0.00	4949.53
08/03	11:15:00	019:35:40	0.00	4949.01
08/03	11:20:00	019:40:40	0.00	4949.14
08/03	11:25:00	019:45:40	0.00	4950.48
08/03	11:30:00	019:50:40	0.00	4950.59
08/03	11:35:00	019:55:40	0.00	4948.22
08/03	11:40:00	020:00:40	0.00	4949.93
08/03	11:45:00	020:05:40	0.00	4949.22
08/03	11:50:00	020:10:40	0.00	4946.18
08/03	11:55:00	020:15:40	0.00	4944.16
08/03	12:05:00	020:25:40	0.00	4944.55
08/03	12:10:00	020:30:40	0.00	4943.44
08/03	12:15:00	020:35:40	0.00	4945.44
08/03	12:20:00	020:40:40	0.00	4942.90
08/03	12:25:00	020:45:40	0.00	4942.64
08/03	12:30:00	020:50:40	0.00	4941.43
08/03	12:35:00	020:55:40	0.00	4941.38
08/03	12:40:00	021:00:40	0.00	4941.83
08/03	12:45:00	021:05:40	0.00	4941.52
08/03	12:50:00	021:10:40	0.00	4941.74
08/03	12:55:00	021:15:40	0.00	4941.75
08/03	13:00:00	021:20:40	0.00	4943.69
08/03	13:05:00	021:25:40	0.00	4942.39
08/03	13:10:00	021:30:40	0.00	4942.06
08/03	13:15:00	021:35:40	0.00	4941.38
08/03	13:20:00	021:40:40	0.00	4940.13
08/03	13:25:00	021:45:40	0.00	4940.23
08/03	13:30:00	021:50:40	0.00	4939.69
08/03	13:35:00	021:55:40	0.00	4939.66
08/03	13:40:00	022:00:40	0.00	4938.90
08/03	13:45:00	022:05:40	0.00	4938.09
08/03	13:50:00	022:10:40	0.00	4937.49
08/03	13:55:00	022:15:40	0.00	4936.74
08/03	14:00:00	022:20:40	0.00	4936.51
08/03	14:05:00	022:25:40	0.00	4935.96
08/03	14:10:00	022:30:40	0.00	4934.54
08/03	14:15:00	022:35:40	0.00	4934.83
08/03	14:25:00	022:45:40	0.00	4936.18
08/03	14:30:00	022:50:40	0.00	4936.11
08/03	14:35:00	022:55:40	0.00	4936.71
08/03	14:40:00	023:00:40	0.00	4935.29
08/03	14:45:00	023:05:40	0.00	4934.76
08/03	14:50:00	023:10:40	0.00	4934.64
08/03	14:55:00	023:15:40	0.00	4935.35
08/03	15:00:00	023:20:40	0.00	4935.88
08/03	15:05:00	023:25:40	0.00	4934.99
08/03	15:10:00	023:30:40	0.00	4933.87
08/03	15:15:00	023:35:40	0.00	4932.69
08/03	15:20:00	023:40:40	0.00	4932.09
08/03	15:25:00	023:45:40	0.00	4930.70
08/03	15:30:00	023:50:40	0.00	4930.93
08/03	15:35:00	023:55:40	0.00	4932.61
08/03	15:40:00	024:00:40	0.00	4931.54
08/03	15:45:00	024:05:40	0.00	4930.14
08/03	15:50:00	024:10:40	0.00	4929.66
08/03	15:55:00	024:15:40	0.00	4928.91

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/03	16:00:00	024:20:40	0.00	4930.00
08/03	16:05:00	024:25:40	0.00	4929.29
08/03	16:10:00	024:30:40	0.00	4927.37
08/03	16:15:00	024:35:40	0.00	4927.00
08/03	16:20:00	024:40:40	0.00	4928.06
08/03	16:25:00	024:45:40	0.00	4926.79
08/03	16:30:00	024:50:40	0.00	4926.15
08/03	16:35:00	024:55:40	0.00	4925.00
08/03	16:40:00	025:00:40	0.00	4926.77
08/03	16:45:00	025:05:40	0.00	4924.97
08/03	16:50:00	025:10:40	0.00	4925.51
08/03	16:55:00	025:15:40	0.00	4926.08
08/03	17:00:00	025:20:40	0.00	4925.46
08/03	17:05:00	025:25:40	0.00	4926.39
08/03	17:10:00	025:30:40	0.00	4925.88
08/03	17:15:00	025:35:40	0.00	4924.35
08/03	17:20:00	025:40:40	0.00	4922.84
08/03	17:25:00	025:45:40	0.00	4923.06
08/03	17:30:00	025:50:40	0.00	4924.46
08/03	17:35:00	025:55:40	0.00	4923.57
08/03	17:40:00	026:00:40	0.00	4923.97
08/03	17:45:00	026:05:40	0.00	4925.38
08/03	17:50:00	026:10:40	0.00	4924.43
08/03	17:55:00	026:15:40	0.00	4923.49
08/03	18:00:00	026:20:40	0.00	4922.67
08/03	18:05:00	026:25:40	0.00	4922.29
08/03	18:10:00	026:30:40	0.00	4921.89
08/03	18:15:00	026:35:40	0.00	4920.58
08/03	18:20:00	026:40:40	0.00	4920.30
08/03	18:25:00	026:45:40	0.00	4921.67
08/03	18:30:00	026:50:40	0.00	4920.30
08/03	18:35:00	026:55:40	0.00	4919.18
08/03	18:40:00	027:00:40	0.00	4919.74
08/03	18:45:00	027:05:40	0.00	4919.08
08/03	18:50:00	027:10:40	0.00	4917.88
08/03	18:55:00	027:15:40	0.00	4917.18
08/03	19:00:00	027:20:40	0.00	4917.51
08/03	19:05:00	027:25:40	0.00	4916.31
08/03	19:10:00	027:30:40	0.00	4915.52
08/03	19:15:00	027:35:40	0.00	4915.42
08/03	19:20:00	027:40:40	0.00	4914.96
08/03	19:25:00	027:45:40	0.00	4915.25
08/03	19:30:00	027:50:40	0.00	4915.39
08/03	19:35:00	027:55:40	0.00	4913.93
08/03	19:40:00	028:00:40	0.00	4914.76
08/03	19:45:00	028:05:40	0.00	4914.38
08/03	19:50:00	028:10:40	0.00	4914.77
08/03	19:55:00	028:15:40	0.00	4915.25
08/03	20:00:00	028:20:40	0.00	4913.74
08/03	20:05:00	028:25:40	0.00	4912.70
08/03	20:10:00	028:30:40	0.00	4911.19
08/03	20:15:00	028:35:40	0.00	4910.22
08/03	20:20:00	028:40:40	0.00	4910.53
08/03	20:25:00	028:45:40	0.00	4910.75
08/03	20:30:00	028:50:40	0.00	4909.80
08/03	20:35:00	028:55:40	0.00	4910.76
08/03	20:40:00	029:00:40	0.00	4909.00
08/03	20:45:00	029:05:40	0.00	4907.74
08/03	20:50:00	029:10:40	0.00	4908.30
08/03	20:55:00	029:15:40	0.00	4908.13

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/03	21:00:00	029:20:40	0.00	4907.40
08/03	21:05:00	029:25:40	0.00	4907.10
08/03	21:10:00	029:30:40	0.00	4906.77
08/03	21:15:00	029:35:40	0.00	4907.18
08/03	21:20:00	029:40:40	0.00	4905.67
08/03	21:20:00	029:40:40	0.00	4905.65
08/03	21:25:00	029:45:40	0.00	4905.69
08/03	21:30:00	029:50:40	0.00	4827.58
08/03	21:35:00	029:55:40	0.00	4760.02
08/03	21:40:00	030:00:40	0.00	4244.52
08/03	21:45:00	030:05:40	0.00	3941.78
08/03	21:50:00	030:10:40	0.00	3330.21
08/03	21:55:00	030:15:40	0.00	3277.10
08/03	22:00:00	030:20:40	0.00	3269.81
08/03	22:05:00	030:25:40	0.00	3260.70
08/03	22:10:00	030:30:40	0.00	3256.79
08/03	22:15:00	030:35:40	0.00	3250.92
08/03	22:20:00	030:40:40	0.00	3243.94
08/03	22:25:00	030:45:40	0.00	3238.93
08/03	22:30:00	030:50:40	0.00	3229.62
08/03	22:35:00	030:55:40	0.00	3227.40
08/03	22:40:00	031:00:40	0.00	3222.83
08/03	22:45:00	031:05:40	0.00	3218.67
08/03	22:55:00	031:15:40	0.00	3206.85
08/03	23:00:00	031:20:40	0.00	3205.96
08/03	23:05:00	031:25:40	0.00	3202.11
08/03	23:10:00	031:30:40	0.00	3202.72
08/03	23:15:00	031:35:40	0.00	3200.83
08/03	23:20:00	031:40:40	0.00	3198.35
08/03	23:25:00	031:45:40	0.00	3195.09
08/03	23:30:00	031:50:40	0.00	3190.76
08/03	23:35:00	031:55:40	0.00	3189.53
08/03	23:40:00	032:00:40	0.00	3185.53
08/03	23:45:00	032:05:40	0.00	3180.90
08/03	23:50:00	032:10:40	0.00	3181.11
08/03	23:55:00	032:15:40	0.00	3178.15
08/04	00:00:00	032:20:40	0.00	3173.17
08/04	00:05:00	032:25:40	0.00	3170.70
08/04	00:10:00	032:30:40	0.00	3166.46
08/04	00:15:00	032:35:40	0.00	3162.48
08/04	00:20:00	032:40:40	0.00	3161.44
08/04	00:25:00	032:45:40	0.00	3157.19
08/04	00:30:00	032:50:40	0.00	3153.68

Shut well in.

08/04	00:35:00	000:00:00	0.00	5684.49
08/04	00:40:00	000:05:00	0.00	5736.46
08/04	00:45:00	000:10:00	0.00	5772.33
08/04	00:50:00	000:15:00	0.00	5801.34
08/04	00:55:00	000:20:00	0.00	5825.81
08/04	01:00:00	000:25:00	0.00	5846.97
08/04	01:05:00	000:30:00	0.00	5865.49
08/04	01:10:00	000:35:00	0.00	5882.17
08/04	01:15:00	000:40:00	0.00	5897.08
08/04	01:20:00	000:45:00	0.00	5910.70
08/04	01:25:00	000:50:00	0.00	5923.77
08/04	01:30:00	000:55:00	0.00	5934.56
08/04	01:35:00	001:00:00	0.00	5945.83
08/04	01:40:00	001:05:00	0.00	5956.02

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/04	01:50:00	001:15:00	0.00	5975.61
08/04	01:55:00	001:20:00	0.00	5984.79
08/04	02:00:00	001:25:00	0.00	5993.61
08/04	02:05:00	001:30:00	0.00	6002.07
08/04	02:10:00	001:35:00	0.00	6010.14
08/04	02:15:00	001:40:00	0.00	6017.86
08/04	02:20:00	001:45:00	0.00	6025.19
08/04	02:25:00	001:50:00	0.00	6032.58
08/04	02:30:00	001:55:00	0.00	6039.51
08/04	02:35:00	002:00:00	0.00	6046.22
08/04	02:40:00	002:05:00	0.00	6052.73
08/04	02:45:00	002:10:00	0.00	6059.15
08/04	02:50:00	002:15:00	0.00	6065.23
08/04	02:55:00	002:20:00	0.00	6071.33
08/04	03:00:00	002:25:00	0.00	6077.27
08/04	03:05:00	002:30:00	0.00	6083.00
08/04	03:10:00	002:35:00	0.00	6088.65
08/04	03:15:00	002:40:00	0.00	6093.99
08/04	03:20:00	002:45:00	0.00	6099.48
08/04	03:25:00	002:50:00	0.00	6104.77
08/04	03:30:00	002:55:00	0.00	6109.88
08/04	03:35:00	003:00:00	0.00	6110.13
08/04	03:40:00	003:05:00	0.00	6115.00
08/04	03:45:00	003:10:00	0.00	6119.92
08/04	03:50:00	003:15:00	0.00	6124.73
08/04	03:55:00	003:20:00	0.00	6133.87
08/04	04:00:00	003:25:00	0.00	6138.42
08/04	04:05:00	003:30:00	0.00	6142.68
08/04	04:10:00	003:35:00	0.00	6147.01
08/04	04:15:00	003:40:00	0.00	6151.34
08/04	04:20:00	003:45:00	0.00	6155.53
08/04	04:25:00	003:50:00	0.00	6159.58
08/04	04:30:00	003:55:00	0.00	6163.53
08/04	04:35:00	004:00:00	0.00	6167.56
08/04	04:40:00	004:05:00	0.00	6171.52
08/04	04:45:00	004:10:00	0.00	6175.30
08/04	04:50:00	004:15:00	0.00	6179.02
08/04	04:55:00	004:20:00	0.00	6182.67
08/04	05:00:00	004:25:00	0.00	6186.16
08/04	05:05:00	004:30:00	0.00	6189.67
08/04	05:10:00	004:35:00	0.00	6193.29
08/04	05:15:00	004:40:00	0.00	6196.75
08/04	05:20:00	004:45:00	0.00	6199.99
08/04	05:25:00	004:50:00	0.00	6203.24
08/04	05:30:00	004:55:00	0.00	6206.46
08/04	05:35:00	005:00:00	0.00	6209.67
08/04	05:40:00	005:05:00	0.00	6212.75
08/04	05:45:00	005:10:00	0.00	6215.71
08/04	05:50:00	005:15:00	0.00	6218.68
08/04	05:55:00	005:20:00	0.00	6221.57
08/04	06:00:00	005:25:00	0.00	6224.60
08/04	06:05:00	005:30:00	0.00	6227.39
08/04	06:10:00	005:35:00	0.00	6230.11
08/04	06:15:00	005:40:00	0.00	6232.91
08/04	06:20:00	005:45:00	0.00	6235.71
08/04	06:25:00	005:50:00	0.00	6238.38
08/04	06:30:00	005:55:00	0.00	6240.76
08/04	06:35:00	006:00:00	0.00	6243.50
08/04	06:40:00	006:05:00	0.00	6246.03
08/04	06:45:00	006:10:00	0.00	6248.40

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/04	06:50:00	006:15:00	0.00	6250.73
08/04	06:55:00	006:20:00	0.00	6253.12
08/04	07:00:00	006:25:00	0.00	6255.43
08/04	07:05:00	006:30:00	0.00	6257.76
08/04	07:10:00	006:35:00	0.00	6260.04
08/04	07:15:00	006:40:00	0.00	6262.43

Date	Time	Elapsed Time	H.P. PSIA	Surface PSIA
08/04	08:35:00	008:00:00	0.00	6294.25
08/04	08:40:00	008:05:00	0.00	6296.00
08/04	08:45:00	008:10:00	0.00	6297.64
08/04	08:50:00	008:15:00	0.00	6299.92
08/04	08:55:00	008:20:00	0.00	6301.88
08/04	09:00:00	008:25:00	0.00	6304.08
08/04	09:05:00	008:30:00	0.00	6306.21
08/04	09:10:00	008:35:00	0.00	6308.46
08/04	09:15:00	008:40:00	0.00	6310.56
08/04	09:20:00	008:45:00	0.00	6311.91
08/04	09:25:00	008:50:00	0.00	6313.28
08/04	09:30:00	008:55:00	0.00	6315.54
08/04	09:35:00	009:00:00	0.00	6317.31
08/04	09:40:00	009:05:00	0.00	6318.43
08/04	09:45:00	009:10:00	0.00	6319.15
08/04	09:50:00	009:15:00	0.00	6322.02
08/04	09:55:00	009:20:00	0.00	6323.73
08/04	10:00:00	009:25:00	0.00	6325.17
08/04	10:05:00	009:30:00	0.00	6326.62
08/04	10:10:00	009:35:00	0.00	6327.43
08/04	10:15:00	009:40:00	0.00	6328.45
08/04	10:20:00	009:45:00	0.00	6330.10
08/04	10:25:00	009:50:00	0.00	6332.72
08/04	10:30:00	009:55:00	0.00	6334.38
08/04	10:35:00	010:00:00	0.00	6336.19
08/04	10:40:00	010:05:00	0.00	6337.34
08/04	10:45:00	010:10:00	0.00	6338.82
08/04	10:50:00	010:15:00	0.00	6340.93
08/04	10:55:00	010:20:00	0.00	6340.94
08/04	11:00:00	010:25:00	0.00	6341.19
08/04	11:05:00	010:30:00	0.00	6343.57
08/04	11:10:00	010:35:00	0.00	6345.53
08/04	11:15:00	010:40:00	0.00	6346.11
08/04	11:20:00	010:45:00	0.00	6347.42
08/04	11:25:00	010:50:00	0.00	6348.50
08/04	11:30:00	010:55:00	0.00	6351.15

END OF TEST

Reservoir Data Inc.

2314 McAllister, Houston, Texas 77092 (713) 683-9259

P. R. CIRQUARD WELL NO. 1
INITIAL FLOW TEST
JULY 22 & 23, 1980

HEWLETT-PACKARD 8170-1004

Reservoir Data Inc.

2314 McAllister, Houston, Texas 77002 (713) 683-9259

Pressures recorded at 14,644 ft.

Second drawdown

APPENDIX F

DOE CONTRACT NO.
DE AC08-80ET-27081

Eaton Industries of Houston, Inc.

Eaton Operating Co., Inc.

3100 Edloe
Houston, Texas 77027
(713) 627-9764

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE	TIME	PROD WELLHEAD PRESS	BRINE TEMP	SEP DIFF PRESS	GAS TEMP	SEP STATIC PRESS	DISP WELL PRESS	CUM BRINE PROD
(M/D)	(H:M:S)	(Psi)	(Deg F)	(''H2O)	(Deg F)	(Psi)	(Psi)	(Bbls)
7/22	19:00:00	6684	90.0	0.0	0.0	0.0	0.0	0.0
7/22	19:30:00	6685	90.0	0.0	90.0	0.0	0.0	---
7/22	20:00:00	6251	130.0	20.0	90.0	250.0	77.5	79.0
7/22	21:00:00	6163	165.0	35.8	100.0	255.0	76.1	231.2
7/22	22:00:00	6049	180.0	37.8	149.0	256.0	76.6	391.8
7/22	23:00:00	6015	185.0	38.0	157.0	254.0	75.5	551.7
7/23	0:00:00	5954	190.0	38.5	164.0	254.0	73.7	713.6
7/23	1:00:00	5900	190.0	39.5	167.0	253.0	74.1	876.1
7/23	2:00:00	5852	195.0	39.7	170.0	253.0	74.4	1037.5
7/23	3:00:00	5810	197.0	40.0	171.0	253.0	74.2	1198.5
7/23	4:00:00	5755	200.0	40.0	175.0	253.0	74.2	1360.3
7/23	5:00:00	5698	200.0	42.0	175.0	253.0	74.7	1525.2
7/23	6:00:00	5648	203.0	43.7	175.0	253.0	74.8	1693.7
7/23	7:00:00	5608	205.0	43.7	176.0	253.0	75.2	1860.6
7/23	8:00:00	5568	205.0	44.7	176.0	254.0	75.8	2030.8
7/23	9:00:00	5528	205.0	45.0	176.0	255.0	79.1	2202.3
7/23	10:00:00	5487	205.0	46.5	179.0	255.0	88.4	2375.6
7/23	11:00:00	5454	205.0	46.8	180.0	255.0	88.5	2550.0
7/23	12:00:00	5415	210.0	47.4	180.0	259.0	103.5	2725.6
7/23	13:00:00	5389	210.0	48.1	182.0	258.0	107.0	2901.2
7/23	14:00:00	5345	211.0	48.7	185.0	259.0	107.7	3081.2
7/23	15:00:00	5324	213.0	50.0	187.0	261.0	107.3	3261.0
7/23	16:00:00	5300	215.0	50.0	188.0	262.0	106.6	3435.7
7/23	17:00:00	5278	214.0	50.5	188.0	262.0	96.5	3619.7
7/23	18:00:00	5252	215.0	50.8	188.0	261.0	0.0	3800.8
7/23	19:00:00	5224	215.0	51.6	189.0	262.0	86.9	3979.7
7/23	20:00:00	5807	210.0	45.0	185.0	250.0	82.1	4150.0
7/29	22:00:00	6664	0.0	0.0	0.0	0.0	0.0	0.0
7/29	22:05:00	6666	94.0	0.0	79.0	0.0	2.5	---
7/29	22:10:00	5248	94.5	0.0	79.5	35.0	2.5	---
7/29	22:15:00	5247	98.5	.5	83.5	252.5	20.0	---
7/29	22:20:00	5256	121.5	37.0	106.5	242.5	60.0	---
7/29	22:25:00	5256	127.0	30.5	112.0	247.5	60.0	---
7/29	22:30:00	5203	139.0	27.5	124.0	245.0	67.5	---
7/29	22:35:00	5183	147.5	26.0	132.5	245.0	62.5	---
7/29	22:40:00	5165	156.5	39.5	141.5	240.0	82.5	---
7/29	22:45:00	5146	164.0	23.0	149.0	245.0	70.0	---
7/29	22:50:00	5129	170.5	27.0	155.5	245.0	75.0	---
7/29	22:55:00	5112	177.0	29.5	162.0	247.5	77.5	---
7/29	23:00:00	5096	181.5	39.0	166.5	245.0	92.5	254.3
7/29	23:05:00	5081	186.5	27.5	171.5	247.5	87.5	---
7/29	23:10:00	5069	191.0	28.5	176.0	252.5	82.5	---
7/29	23:15:00	5055	194.0	28.5	179.0	245.0	87.5	---
7/29	23:20:00	5042	197.0	28.5	182.0	242.5	95.0	---
7/29	23:25:00	5029	199.5	29.5	184.5	245.0	87.5	---
7/29	23:30:00	5017	201.5	29.5	186.5	245.0	90.0	---
7/29	23:35:00	5004	204.0	31.0	189.0	242.5	90.0	---
7/29	23:40:00	4993	205.0	29.5	190.0	247.5	82.5	---
7/29	23:45:00	4982	207.5	29.0	192.5	245.0	90.0	---
7/29	23:50:00	4972	208.5	30.5	193.5	250.0	87.5	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE	TIME	PROD WELLHEAD PRESS	BRINE TEMP	SEP DIFF PRESS	GAS TEMP	SEP STATIC PRESS	DISP WELL PRESS	CUM BRINE PROD
(M/D)	(H:M:S)	(Psi)	(Deg F)	(''H2O)	(Deg F)	(Psi)	(Psi)	(Bbls)
7/29	23:55:00	4961	209.5	30.0	194.5	245.0	102.5	---
7/30	0:00:00	4950	210.5	29.5	195.5	245.0	90.0	558.3
7/30	0:05:00	4940	212.0	30.0	197.0	247.5	95.0	---
7/30	0:10:00	4930	213.0	28.5	198.0	242.5	102.5	---
7/30	0:15:00	4920	213.5	29.5	198.5	242.5	95.0	---
7/30	0:40:00	4875	216.8	29.4	201.8	246.5	95.6	---
7/30	0:49:00	4860	217.8	29.7	202.8	245.5	95.7	---
7/30	0:53:00	4854	217.8	30.0	202.8	245.0	97.0	---
7/30	0:58:00	4848	218.2	29.6	203.2	245.0	96.0	---
7/30	0:59:00	4843	218.5	29.1	203.5	245.0	97.0	---
7/30	1:00:00	4842	218.7	29.4	203.7	244.4	97.1	858.1
7/30	1:02:00	4839	218.5	29.6	203.5	244.6	97.1	---
7/30	1:03:00	4937	218.7	29.6	203.7	244.8	98.0	---
7/30	1:04:00	4835	218.8	29.7	203.8	245.0	97.5	---
7/30	1:05:00	4834	218.9	29.7	203.9	245.8	97.6	---
7/30	1:10:00	4826	219.0	29.8	204.0	246.3	97.6	---
7/30	1:15:00	4819	219.0	29.7	204.0	245.4	97.6	---
7/30	1:20:00	4810	219.5	29.5	204.5	246.3	98.5	---
7/30	1:25:00	4803	220.0	29.5	205.0	245.4	97.9	---
7/30	1:30:00	4795	220.2	29.6	205.2	245.7	98.3	---
7/30	1:35:00	4787	220.5	29.5	205.5	245.5	98.8	---
7/30	1:40:00	4780	221.0	29.5	206.0	245.8	98.4	---
7/30	1:45:00	4773	221.2	29.5	206.2	245.8	98.8	---
7/30	1:50:00	4765	221.5	29.4	206.5	246.1	99.0	---
7/30	1:55:00	4759	221.9	29.4	206.9	246.0	99.0	---
7/30	2:00:00	4751	222.6	29.6	207.6	246.3	98.8	1155.2
7/30	2:05:00	4745	222.9	29.3	207.9	247.1	99.2	---
7/30	2:10:00	4737	223.0	29.4	208.0	247.8	99.6	---
7/30	2:15:00	4730	223.3	29.4	208.3	247.9	99.4	---
7/30	2:20:00	4723	223.6	29.4	208.6	247.6	99.9	---
7/30	2:25:00	4717	223.5	29.5	208.5	247.8	99.8	---
7/30	2:30:00	4710	223.6	29.4	208.6	247.6	100.3	---
7/30	2:35:00	4703	223.8	29.2	208.8	247.6	100.3	---
7/30	2:40:00	4696	223.9	29.2	208.9	246.2	100.1	---
7/30	2:45:00	4690	224.0	29.4	209.0	245.5	100.4	---
7/30	2:50:00	4683	224.3	29.3	209.3	245.7	100.3	---
7/30	2:55:00	4675	224.3	29.3	209.3	245.9	100.4	---
7/30	3:00:00	4669	224.3	29.1	209.3	246.1	100.8	1447.4
7/30	3:05:00	4663	224.8	29.1	209.8	246.5	101.0	---
7/30	3:10:00	4657	225.1	29.1	210.1	246.9	101.3	---
7/30	3:15:00	4650	225.3	29.1	210.3	246.8	101.2	---
7/30	3:20:00	4644	225.2	29.2	210.2	245.5	100.8	---
7/30	3:25:00	4637	225.2	29.1	210.2	245.4	100.8	---
7/30	3:30:00	4556	225.3	29.0	210.3	245.8	101.3	---
7/30	3:35:00	4525	225.5	29.9	210.5	246.3	101.2	---
7/30	3:40:00	4520	225.8	29.1	210.8	245.9	101.0	---
7/30	3:45:00	4608	226.1	29.0	211.1	246.4	101.2	---
7/30	3:50:00	4602	226.5	28.8	211.5	246.8	101.2	---
7/30	3:55:00	4596	226.8	29.1	211.8	247.0	101.8	---
7/30	4:00:00	4591	226.7	28.9	211.7	247.1	101.8	1741.2

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
7/30	4:05:00	4585	226.8	28.9	211.8	247.6	101.8	---
7/30	4:10:00	4580	226.7	29.0	211.7	247.8	102.0	---
7/30	4:15:00	4573	226.7	28.9	211.7	247.9	101.6	---
7/30	4:20:30	4602	227.0	28.5	212.0	247.5	100.0	---
7/30	4:25:00	4610	227.5	29.0	212.5	247.5	105.0	---
7/30	4:28:20	4611	227.0	28.5	212.0	250.0	100.0	---
7/30	4:28:30	4611	227.0	28.5	212.0	245.0	105.0	---
7/30	4:28:40	4611	227.0	28.5	212.0	245.0	97.5	---
7/30	4:28:50	4611	227.0	29.0	212.0	247.5	97.5	---
7/30	4:29:00	4611	227.5	29.0	212.5	247.5	110.0	---
7/30	4:29:10	4611	227.0	28.5	212.0	245.0	100.0	---
7/30	4:29:20	4611	227.5	29.0	212.5	247.5	97.5	---
7/30	4:29:30	4611	227.5	29.5	212.5	247.5	110.0	---
7/30	4:29:40	4611	228.0	28.5	213.0	242.5	105.0	---
7/30	4:29:50	4611	227.5	29.5	212.5	245.0	97.5	---
7/30	4:30:00	4612	227.0	29.5	212.0	247.5	97.5	---
7/30	4:35:00	4605	227.3	29.5	212.3	246.2	101.3	---
7/30	4:40:00	4597	227.5	30.3	212.5	245.5	103.3	---
7/30	4:45:00	4581	228.2	31.6	213.2	246.0	103.8	---
7/30	4:51:10	4572	228.5	31.0	213.5	242.5	100.0	---
7/30	4:51:20	4573	228.5	31.5	213.5	247.5	112.5	---
7/30	4:51:30	4573	228.5	31.0	213.5	245.0	112.5	---
7/30	4:55:10	4575	228.0	27.5	213.0	245.0	110.0	---
7/30	4:55:20	4575	228.5	29.0	213.5	245.0	102.5	---
7/30	5:00:00	4644	228.0	23.5	213.0	247.5	107.5	2035.3
7/30	5:00:50	4643	228.5	23.5	213.5	245.0	112.5	---
7/30	5:03:00	4670	229.0	32.0	214.0	242.5	112.5	---
7/30	5:05:50	4690	228.5	27.0	213.5	245.0	110.0	---
7/30	5:07:10	4569	228.3	35.8	213.3	245.0	107.5	---
7/30	5:10:52	4569	228.5	34.0	213.5	245.0	117.5	---
7/30	5:10:54	4569	229.0	34.0	214.0	245.0	120.0	---
7/30	5:10:56	4569	228.5	34.5	213.5	247.5	120.0	---
7/30	5:12:00	4569	229.0	35.0	214.0	247.5	110.0	---
7/30	5:12:10	4569	229.0	34.0	214.0	242.5	117.5	---
7/30	5:13:40	4569	229.0	32.5	214.0	245.0	110.0	---
7/30	5:13:50	4569	229.5	32.5	214.5	247.5	110.0	---
7/30	5:14:43	4570	229.4	31.5	214.4	245.0	117.5	---
7/30	5:14:45	4570	229.0	32.0	214.0	242.5	115.0	---
7/30	5:14:47	4570	228.5	30.0	213.5	245.0	110.0	---
7/30	5:14:50	4571	229.0	32.5	214.0	245.0	107.5	---
7/30	5:39:30	4556	230.5	31.0	215.5	247.5	110.0	---
7/30	5:45:00	4556	230.7	32.3	215.7	247.2	116.8	---
7/30	5:50:00	4544	230.8	32.1	215.8	246.7	118.3	---
7/30	5:55:00	4549	230.5	32.0	215.5	246.4	117.5	---
7/30	6:00:00	4552	230.4	32.5	215.4	246.0	117.9	2336.7
7/30	6:05:00	4541	230.7	32.8	215.7	246.7	117.9	---
7/30	6:10:00	4531	231.3	32.8	216.3	245.7	118.5	---
7/30	6:15:00	4529	231.2	32.9	216.2	246.6	119.4	---
7/30	6:20:00	4522	231.6	33.5	216.6	245.9	120.5	---
7/30	6:25:00	4515	231.9	33.2	216.9	246.1	121.0	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
7/30	6:30:00	4513	232.2	32.9	217.2	246.7	120.8	---
7/30	6:35:00	4504	232.5	34.0	217.5	246.2	122.0	---
7/30	6:40:00	4492	232.7	34.3	217.7	245.9	121.4	---
7/30	6:45:00	4482	233.0	33.7	218.0	246.4	122.1	---
7/30	6:50:00	4479	233.1	33.9	218.1	246.0	123.1	---
7/30	6:55:00	4476	233.4	34.4	218.4	245.8	125.1	---
7/30	7:00:00	4474	233.2	34.2	218.2	244.9	125.8	2645.7
7/30	7:05:00	4467	233.2	33.9	218.2	246.0	123.8	---
7/30	7:10:00	4463	233.2	34.0	218.2	246.1	123.3	---
7/30	7:15:00	4465	233.6	34.1	218.6	245.3	122.2	---
7/30	7:20:00	4462	233.9	33.8	218.9	244.9	122.8	---
7/30	7:25:00	4461	233.8	34.2	218.8	245.3	121.3	---
7/30	7:30:00	4455	234.2	34.2	219.2	245.8	123.1	---
7/30	7:35:00	4458	234.2	34.4	219.2	246.0	121.9	---
7/30	7:40:00	4454	234.3	34.2	219.3	245.2	123.8	---
7/30	7:45:00	4450	234.5	34.5	219.5	245.1	122.9	---
7/30	7:50:00	4450	234.7	34.2	219.7	245.8	123.2	---
7/30	7:55:00	4495	234.7	34.3	219.7	245.3	121.8	---
7/30	8:00:00	4445	234.7	34.8	219.7	245.8	122.3	2958.9
7/30	8:05:00	4426	234.9	34.5	219.9	245.9	123.7	---
7/30	8:10:00	4420	235.1	34.7	220.1	245.7	126.2	---
7/30	8:15:00	4416	234.8	34.4	219.8	246.8	124.3	---
7/30	8:20:00	4413	234.8	34.5	219.8	246.3	125.3	---
7/30	8:25:00	4414	234.9	34.5	219.9	245.8	125.2	---
7/30	8:30:00	4404	235.0	34.5	220.0	245.9	126.1	---
7/30	8:35:00	4418	234.9	34.5	219.9	246.0	125.7	---
7/30	8:40:00	4418	234.9	34.6	219.9	246.3	125.1	---
7/30	8:45:00	4412	235.0	34.2	220.0	246.0	124.1	---
7/30	8:50:00	4408	234.9	34.5	219.9	246.0	123.8	---
7/30	8:55:00	4364	235.3	35.6	220.3	246.0	125.6	---
7/30	9:00:00	4358	235.0	35.8	220.0	246.5	129.1	3272.9
7/30	9:05:00	4355	234.9	35.9	219.9	242.4	131.4	---
7/30	9:10:00	4341	235.0	35.8	220.0	247.4	133.3	---
7/30	9:15:00	4322	235.4	35.3	220.4	247.3	130.8	---
7/30	9:20:00	4319	235.6	35.6	220.6	247.3	130.4	---
7/30	9:25:00	4319	235.8	36.8	220.8	247.3	130.9	---
7/30	9:30:00	4305	235.8	35.8	220.8	247.7	130.6	---
7/30	9:35:00	4398	236.1	36.4	221.1	247.3	131.8	---
7/30	9:40:00	4294	236.1	36.1	221.1	247.8	133.6	---
7/30	9:45:00	4291	234.9	35.9	219.9	249.3	135.1	---
7/30	9:50:00	4296	234.7	36.1	219.7	249.8	133.7	---
7/30	9:55:00	4295	234.8	36.3	219.8	248.7	132.7	---
7/30	10:00:00	4294	235.7	36.5	220.7	248.1	133.1	3593.4
7/30	10:05:00	4284	236.1	36.7	221.1	247.3	132.9	---
7/30	10:10:00	4258	235.9	36.7	220.9	249.1	131.3	---
7/30	10:15:00	4247	235.0	37.6	220.0	249.2	134.5	---
7/30	10:20:00	4234	235.2	37.5	220.2	239.3	138.0	---
7/30	10:25:00	4236	235.4	37.3	220.4	249.5	142.6	---
7/30	10:30:00	4229	236.4	37.3	221.4	248.8	141.2	---
7/30	10:35:00	4226	236.7	37.4	221.7	248.5	140.5	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
7/30	10:40:00	4220	237.3	38.2	222.3	247.6	139.2	---
7/30	10:45:00	4212	237.6	37.7	222.6	247.8	141.5	---
7/30	10:50:00	4208	237.8	37.8	222.8	248.8	141.0	---
7/30	10:55:00	4203	237.0	37.0	222.0	250.4	141.3	---
7/30	11:00:00	4198	236.9	37.4	221.9	250.3	141.9	3919.3
7/30	11:05:00	4179	233.2	37.7	222.2	250.1	140.8	---
7/30	11:15:00	4192	234.0	37.7	223.0	248.7	138.7	---
7/30	11:20:00	4204	234.3	38.2	223.3	248.3	139.4	---
7/30	11:25:00	4207	234.5	38.3	223.5	249.0	139.1	---
7/30	11:30:00	4189	235.1	37.9	224.1	249.3	139.1	---
7/30	11:35:00	4186	235.6	38.0	224.6	249.2	139.3	---
7/30	11:40:00	4179	235.1	37.3	224.1	250.5	139.1	---
7/30	11:45:00	4180	234.7	37.8	223.7	250.7	138.7	---
7/30	11:50:00	4172	234.6	37.5	223.6	250.5	137.5	---
7/30	11:55:00	4166	235.2	37.6	224.2	250.2	141.1	---
7/30	12:00:00	4180	235.6	37.6	224.6	250.3	141.4	4245.5
7/30	12:05:00	4183	235.0	37.6	224.0	252.2	141.5	---
7/30	12:10:00	4178	234.6	37.5	223.6	253.0	140.1	---
7/30	12:15:00	4178	234.9	37.9	223.9	251.2	140.4	---
7/30	12:20:00	4162	234.8	37.6	223.8	252.0	139.2	---
7/30	12:25:00	4155	234.8	37.4	223.8	252.2	138.5	---
7/30	12:30:00	4150	235.2	37.4	224.2	252.1	138.8	---
7/30	12:31:00	4142	235.2	37.4	224.2	252.1	138.8	---
7/30	12:35:00	4146	235.5	39.7	224.5	252.0	141.3	---
7/30	12:40:00	4150	236.3	37.5	225.3	247.0	140.0	---
7/30	12:45:00	4147	236.6	37.7	225.6	251.4	145.6	---
7/30	12:50:00	4141	236.9	38.1	225.9	250.8	146.1	---
7/30	12:55:00	4137	236.6	37.5	225.6	253.0	145.8	---
7/30	13:00:00	4140	236.6	38.0	225.6	254.0	144.2	4572.8
7/30	13:05:00	4136	236.5	38.9	225.5	251.4	143.0	---
7/30	13:10:00	4134	237.2	38.1	226.2	251.7	142.0	---
7/30	13:15:00	4120	237.4	39.2	226.4	251.3	143.6	---
7/30	13:20:00	4123	236.5	37.6	225.5	252.8	144.0	---
7/30	13:25:00	4121	237.1	38.3	226.1	251.6	142.3	---
7/30	13:30:00	4112	237.1	39.1	226.1	251.8	141.3	---
7/30	13:35:00	4106	236.7	40.1	225.7	253.1	140.0	---
7/30	13:40:00	4115	236.6	40.5	225.6	253.0	136.3	---
7/30	13:45:00	4091	237.3	37.8	226.3	251.0	139.0	---
7/30	14:00:00	4087	237.9	38.7	226.9	250.9	143.0	4897.8
7/30	14:05:00	4081	237.3	37.6	226.3	253.2	145.3	---
7/30	14:10:00	4085	236.9	37.6	225.9	255.0	145.5	---
7/30	14:15:00	4077	236.4	37.3	225.4	255.4	144.7	---
7/30	14:20:00	4076	236.8	37.5	225.8	254.9	143.3	---
7/30	14:25:00	4074	237.0	37.2	226.0	254.8	143.4	---
7/30	14:30:00	4072	237.1	37.4	226.1	254.3	143.8	---
7/30	14:35:00	4069	236.5	37.2	225.5	254.8	144.2	---
7/30	14:40:00	4067	237.2	37.2	226.2	254.4	143.2	---
7/30	14:45:00	4066	237.0	37.0	226.0	255.0	142.1	---
7/30	14:50:00	4063	237.0	37.1	226.0	255.3	143.1	---
7/30	14:55:00	4063	237.5	37.5	226.5	253.4	143.3	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
7/30	15:00:00	4061	237.9	37.1	226.9	253.9	141.2	5226.9
7/30	15:05:00	4064	237.5	37.2	226.5	255.3	141.0	---
7/30	15:10:00	4060	237.4	37.3	226.4	255.9	141.8	---
7/30	15:15:00	4058	237.7	37.3	226.7	254.7	141.5	---
7/30	15:20:00	4052	237.2	37.2	226.2	255.7	141.6	---
7/30	15:25:00	4051	237.6	37.4	226.6	255.5	141.5	---
7/30	15:30:00	4047	237.6	37.4	226.6	254.9	141.8	---
7/30	15:35:00	4044	237.1	37.2	226.1	254.8	142.8	---
7/30	15:40:00	4045	237.3	37.3	226.3	255.0	142.4	---
7/30	15:45:00	4042	237.4	37.2	226.4	254.1	142.8	---
7/30	15:50:00	4041	237.5	37.2	226.5	254.1	142.5	---
7/30	15:55:00	4039	237.6	37.4	226.6	254.0	143.1	---
7/30	16:00:00	4034	237.9	37.3	226.9	253.5	142.4	5554.9
7/30	16:05:00	4035	237.8	37.3	226.8	253.8	143.0	---
7/30	16:10:00	4033	237.6	37.5	226.6	254.6	144.2	---
7/30	16:15:00	4034	238.0	38.3	227.0	252.3	144.0	---
7/30	16:20:00	4029	238.3	37.9	227.3	252.4	143.6	---
7/30	16:25:00	4022	238.5	37.9	227.5	252.2	144.0	---
7/30	16:30:00	4018	238.3	37.6	227.3	252.0	143.2	---
7/30	16:35:00	4016	238.5	38.5	227.5	252.0	143.6	---
7/30	16:40:00	4015	238.5	37.8	227.5	252.0	144.3	---
7/30	16:45:00	4013	238.8	38.3	227.8	252.0	145.1	---
7/30	16:50:00	4007	238.0	38.0	227.0	252.0	145.6	---
7/30	16:55:00	4006	238.2	37.7	227.2	253.4	146.5	---
7/30	17:00:00	4005	238.6	37.9	227.6	251.6	145.8	5881.9
7/30	17:05:00	4005	238.2	37.8	227.2	254.2	145.5	---
7/30	17:10:00	4006	238.3	38.0	227.3	254.0	146.1	---
7/30	17:15:00	4005	238.3	38.1	227.3	252.8	146.1	---
7/30	17:20:00	4004	238.5	38.1	227.5	253.2	145.9	---
7/30	17:30:00	4003	238.9	37.9	227.9	253.5	147.3	---
7/30	17:35:00	3995	238.4	38.0	227.4	253.5	147.4	---
7/30	17:40:00	3984	238.1	38.1	227.1	253.8	149.8	---
7/30	17:45:00	3983	238.2	38.2	227.2	253.6	148.8	---
7/30	17:50:00	3980	238.1	38.1	227.1	252.9	147.3	---
7/30	17:55:00	3973	237.9	38.2	226.9	253.0	146.4	---
7/30	18:00:00	3972	238.0	38.3	227.0	252.9	145.0	6210.7
7/30	18:05:00	3970	237.5	38.0	226.5	253.9	148.4	---
7/30	18:10:00	3966	237.6	37.9	226.6	252.8	148.6	---
7/30	18:15:00	3962	237.7	38.2	226.7	251.6	148.4	---
7/30	18:20:00	3960	237.6	38.5	226.6	252.8	147.7	---
7/30	18:25:00	3961	237.8	38.8	226.8	252.0	148.0	---
7/30	18:30:00	3964	237.6	38.6	226.6	252.1	148.5	---
7/30	18:35:00	3957	237.6	38.7	226.6	251.8	148.1	---
7/30	18:40:00	3956	237.7	38.6	226.7	251.5	147.7	---
7/30	18:45:00	3954	237.5	38.8	226.5	251.2	146.8	---
7/30	18:50:00	3955	237.8	38.7	226.8	251.2	146.8	---
7/30	18:55:00	3947	237.7	38.9	226.7	251.9	147.7	---
7/30	19:00:00	3960	237.8	39.2	226.8	251.5	149.0	6540.8
7/30	19:05:00	3960	237.9	39.2	226.9	250.9	150.5	---
7/30	19:10:00	3961	238.2	38.9	227.2	250.6	150.1	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
7/30	19:15:00	3935	238.2	38.9	227.2	250.8	151.1	---
7/30	19:20:00	3922	238.3	39.8	227.3	250.0	152.6	---
7/30	19:25:00	3909	238.6	40.3	227.6	250.3	154.8	---
7/30	19:30:00	3895	238.8	40.2	227.8	250.2	156.9	---
7/30	19:35:00	3899	238.9	41.3	227.9	250.4	160.0	---
7/30	19:40:00	3888	238.7	40.5	227.7	251.5	159.5	---
7/30	19:45:00	3883	238.8	41.0	227.8	251.2	160.1	---
7/30	19:50:00	3871	238.7	40.5	227.7	251.0	159.6	---
7/30	19:55:00	3967	238.8	40.8	227.8	250.5	158.4	---
7/30	20:00:00	3968	238.8	40.8	227.8	250.2	159.6	6875.8
7/30	20:05:00	3885	238.8	40.7	227.8	250.3	162.7	---
7/30	20:10:00	3888	239.0	41.6	228.0	248.9	160.0	---
7/30	20:15:00	3886	239.3	41.1	228.3	248.5	159.7	---
7/30	20:20:00	3883	239.0	41.2	228.0	249.5	159.3	---
7/30	20:25:00	3881	239.0	41.4	228.0	249.3	159.3	---
7/30	20:30:00	3879	239.1	41.4	228.1	249.4	158.3	---
7/30	20:35:00	3844	239.0	41.6	228.0	248.9	160.8	---
7/30	20:40:00	3834	239.0	41.5	228.0	248.8	161.0	---
7/30	20:45:00	3834	238.8	41.4	227.8	249.7	162.1	---
7/30	20:50:00	3824	238.7	41.6	227.7	249.0	163.2	---
7/30	20:55:00	3817	238.6	41.6	227.6	248.9	164.7	---
7/30	21:00:00	3810	238.4	41.4	227.4	249.0	166.1	7214.6
7/30	21:05:00	3807	237.9	41.6	226.9	248.8	167.8	---
7/30	21:10:00	3805	237.7	41.4	226.7	248.8	167.0	---
7/30	21:15:00	3806	237.3	41.3	226.3	248.3	165.4	---
7/30	21:20:00	3803	237.2	40.9	226.2	248.5	163.7	---
7/30	21:25:00	3799	237.2	41.4	226.2	248.5	163.0	---
7/30	21:30:00	3799	237.1	41.1	226.1	248.8	163.2	---
7/30	21:35:00	3795	237.3	41.2	226.3	248.8	162.0	---
7/30	21:40:00	3793	237.4	41.4	226.4	249.0	162.9	---
7/30	21:45:00	3790	237.3	41.2	226.3	248.8	161.5	---
7/30	21:50:00	3789	237.4	41.3	226.4	248.3	161.7	---
7/30	21:55:00	3787	237.8	41.5	226.8	247.8	163.0	---
7/30	22:00:00	3784	238.0	41.4	227.0	247.6	162.0	7554.5
7/30	22:05:00	3792	238.2	41.5	227.2	247.8	161.8	---
7/30	22:10:00	3781	238.3	41.3	227.3	248.3	162.9	---
7/30	22:15:00	3778	238.4	41.5	227.4	247.9	162.0	---
7/30	22:20:00	3791	238.5	41.7	227.5	247.9	161.2	---
7/30	22:25:00	3773	238.8	41.9	227.8	247.8	161.3	---
7/30	22:30:00	3794	238.8	41.8	227.8	248.5	163.3	---
7/30	22:35:00	3795	239.0	42.1	228.0	248.0	162.0	---
7/30	22:40:00	3795	239.2	42.1	228.2	247.5	164.0	---
7/30	22:45:00	3792	239.3	42.3	228.3	247.7	165.5	---
7/30	22:50:00	3790	239.5	42.2	228.5	247.9	164.2	---
7/30	22:55:00	3788	239.5	42.1	228.5	248.0	164.7	---
7/30	23:00:00	3786	239.8	42.3	228.8	247.9	165.7	7895.7
7/30	23:05:00	3785	240.1	42.6	229.1	248.7	167.3	---
7/30	23:10:00	3785	240.3	42.3	229.3	249.5	166.8	---
7/30	23:15:00	3820	240.4	42.1	229.4	248.9	168.0	---
7/30	23:20:00	3806	240.7	41.7	229.7	249.0	166.6	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
7/30	23:25:00	3816	240.8	42.0	229.8	248.5	167.0	---
7/30	23:30:00	3822	240.9	42.1	229.9	248.4	167.7	---
7/30	23:35:00	3808	240.9	42.1	229.9	248.8	166.8	---
7/30	23:40:00	3816	241.0	42.1	230.0	248.5	165.3	---
7/30	23:45:00	3817	240.9	41.9	229.9	248.8	163.8	---
7/30	23:50:00	3808	240.9	42.7	229.9	248.1	163.5	---
7/30	23:55:00	3808	241.1	43.0	230.1	247.8	163.9	---
7/31	0:00:00	3806	241.1	42.0	230.1	248.1	164.0	8235.5
7/31	0:05:00	3806	241.2	42.4	230.2	248.0	164.1	---
7/31	0:10:00	3800	241.3	42.0	230.3	247.9	163.7	---
7/31	0:15:00	3800	241.1	43.0	230.1	248.0	164.8	---
7/31	0:20:00	3804	240.9	42.3	229.9	248.0	164.5	---
7/31	0:25:00	3799	240.9	42.3	229.9	248.4	164.7	---
7/31	0:30:00	3798	241.1	42.4	230.1	248.4	164.3	---
7/31	0:35:00	3794	241.2	42.2	230.2	248.2	164.6	---
7/31	0:40:00	3784	241.4	42.3	230.4	248.1	165.3	---
7/31	0:45:00	3785	241.4	42.3	230.4	248.3	165.5	---
7/31	0:50:00	3780	241.3	43.4	230.3	248.3	164.9	---
7/31	0:55:00	3779	241.3	42.4	230.3	248.4	165.5	---
7/31	1:00:00	3781	241.3	42.5	230.3	248.0	165.5	8576.1
7/31	1:05:00	3780	241.2	42.6	230.2	248.4	165.3	---
7/31	1:10:00	3784	241.3	42.4	230.3	247.7	167.7	---
7/31	1:15:00	3784	241.2	42.5	230.2	246.9	168.4	---
7/31	1:20:00	3781	241.2	42.7	230.2	246.7	167.5	---
7/31	1:25:00	3776	241.1	42.8	230.1	248.5	166.6	---
7/31	1:30:00	3780	241.1	42.6	230.1	248.5	167.8	---
7/31	1:35:00	3774	241.3	42.8	230.3	248.1	167.3	---
7/31	1:40:00	3775	241.1	42.8	230.1	246.9	168.3	---
7/31	1:45:00	3771	241.1	42.9	230.1	246.4	169.7	---
7/31	1:50:00	3770	241.0	42.8	230.0	247.1	170.0	---
7/31	1:55:00	3766	241.2	42.9	230.2	247.8	170.6	---
7/31	2:00:00	3765	241.2	43.0	230.2	247.7	170.6	8918.3
7/31	2:05:00	3767	241.2	43.2	230.2	247.1	170.8	---
7/31	2:10:00	3762	241.5	42.9	230.5	247.6	171.6	---
7/31	2:15:00	3762	241.5	43.0	230.5	247.5	171.8	---
7/31	2:20:00	3759	241.6	43.2	230.6	247.7	171.5	---
7/31	2:25:00	3733	241.4	43.0	230.4	247.3	171.5	---
7/31	2:30:00	3732	241.2	42.9	230.2	246.8	171.8	---
7/31	2:35:00	3727	241.3	43.0	230.3	246.5	171.9	---
7/31	2:40:00	3728	241.3	42.9	230.3	248.3	171.9	---
7/31	2:45:00	3725	241.3	41.9	230.3	249.1	170.3	---
7/31	2:50:00	3726	241.3	42.7	230.3	248.5	171.3	---
7/31	2:55:00	3721	241.2	42.4	230.2	247.8	171.8	---
7/31	3:00:00	3718	241.2	42.6	230.2	248.2	171.5	9263.9
7/31	3:05:00	3718	241.3	42.3	230.3	248.3	171.3	---
7/31	3:10:00	3736	241.3	43.0	230.3	247.8	171.8	---
7/31	3:15:00	3736	241.2	42.9	230.2	247.2	171.5	---
7/31	3:20:00	3738	241.2	42.8	230.2	246.6	171.3	---
7/31	3:25:00	3738	241.3	43.1	230.3	246.4	172.5	---
7/31	3:30:00	3739	241.3	43.1	230.3	247.3	171.7	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (/'H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
7/31	3:35:00	3740	241.5	43.1	230.5	248.0	172.3	---
7/31	3:40:00	3742	241.5	43.0	230.5	249.3	172.3	---
7/31	3:45:00	3739	241.4	43.0	230.4	248.8	172.8	---
7/31	3:50:00	3738	241.4	43.0	230.4	248.6	173.3	---
7/31	3:55:00	3728	241.4	43.1	230.4	248.6	173.2	---
7/31	4:00:00	3729	241.4	42.9	230.4	248.0	173.2	9612.4
7/31	4:05:00	3728	241.5	43.0	230.5	247.5	172.9	---
7/31	4:10:00	3725	241.3	43.1	230.3	246.5	173.1	---
7/31	4:15:00	3720	241.2	43.0	230.2	245.9	173.4	---
7/31	4:20:00	3717	241.1	43.1	230.1	246.0	173.9	---
7/31	4:25:00	3715	241.1	42.9	230.1	245.4	174.9	---
7/31	4:30:00	3711	241.3	43.1	230.3	247.2	174.2	---
7/31	4:35:00	3719	241.3	43.1	230.3	246.4	174.0	---
7/31	4:40:00	3719	241.3	42.9	230.3	246.6	172.8	---
7/31	4:45:00	3720	241.5	42.8	230.5	247.7	174.5	---
7/31	4:50:00	3720	241.3	42.7	230.3	247.8	174.4	---
7/31	4:55:00	3719	241.2	42.9	230.2	247.8	174.0	---
7/31	5:00:00	3720	241.3	42.9	230.3	247.7	174.5	9963.1
7/31	5:05:00	3719	241.2	42.8	230.2	247.7	174.4	---
7/31	5:10:00	3717	241.3	42.9	230.3	247.6	174.5	---
7/31	5:15:00	3717	241.3	42.9	230.3	247.3	174.8	---
7/31	5:20:00	3717	241.5	42.9	230.5	247.5	174.8	---
7/31	5:25:00	3721	241.5	42.9	230.5	247.5	174.5	---
7/31	5:30:00	3723	241.7	43.0	230.7	248.2	175.0	---
7/31	5:35:00	3723	241.5	43.0	230.5	248.6	175.0	---
7/31	5:40:00	3724	241.5	43.0	230.5	246.0	174.5	---
7/31	5:45:00	3723	241.6	43.2	230.6	245.2	175.0	---
7/31	5:50:00	3723	241.7	43.3	230.7	246.1	175.0	---
7/31	5:55:00	3702	241.6	43.2	230.6	245.5	175.0	---
7/31	6:00:00	3700	241.4	43.3	230.4	245.6	175.0	10315.5
7/31	6:05:00	3697	241.3	43.3	230.3	246.5	175.3	---
7/31	6:10:00	3695	241.4	43.0	230.4	246.5	175.2	---
7/31	6:15:00	3694	241.6	43.2	230.6	245.3	175.0	---
7/31	6:20:00	3693	241.3	43.0	230.3	245.7	175.4	---
7/31	6:25:00	3690	241.3	43.3	230.3	245.1	175.3	---
7/31	6:30:00	3688	241.4	42.8	230.4	245.5	175.4	---
7/31	6:35:00	3688	241.7	43.1	230.7	246.6	175.3	---
7/31	6:40:00	3686	241.4	43.1	230.4	246.7	175.3	---
7/31	6:45:00	3719	241.2	39.0	230.2	244.9	175.0	---
7/31	6:50:00	4846	238.6	17.8	227.6	245.4	126.6	---
7/31	6:55:00	5240	230.0	2.4	219.0	244.1	96.7	---
7/31	7:00:00	5325	220.6	1.4	209.6	244.5	91.9	10603.8
7/31	7:05:00	5336	213.1	.4	202.1	243.5	84.7	---
7/31	7:10:00	5435	195.6	.1	184.6	246.5	82.5	---
7/31	7:15:00	5450	185.8	.1	174.8	244.8	81.8	---
7/31	7:20:00	5470	176.0	.0	165.0	243.7	80.0	---
7/31	7:25:00	5497	168.6	.0	157.6	242.6	78.5	---
7/31	7:30:00	5519	161.8	.1	150.8	243.8	77.7	---
7/31	7:35:00	5536	158.3	-.0	147.3	244.6	78.1	---
7/31	7:40:00	5551	155.4	0.0	144.4	244.0	78.7	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
7/31	7:45:00	5571	150.5	.0	139.5	244.0	79.5	---
7/31	7:50:00	5585	145.9	0.0	134.9	247.0	79.3	---
7/31	7:55:00	5599	145.2	-.0	134.2	247.0	80.5	---
7/31	8:00:00	5611	149.4	.1	138.4	246.7	80.1	10603.8
7/31	8:05:00	5624	149.1	.0	138.1	244.2	80.2	---
7/31	8:10:00	5636	147.6	-.0	136.6	243.8	80.5	---
7/31	8:15:00	5648	147.1	.0	136.1	244.9	81.1	---
7/31	8:20:00	5660	146.1	-.0	135.1	244.3	82.2	---
7/31	8:25:00	5675	138.4	.0	127.4	245.9	82.5	---
7/31	8:30:00	5689	138.8	.0	127.8	243.7	82.6	---
7/31	8:35:00	5704	133.9	-.0	122.9	244.3	82.5	---
7/31	8:40:00	5720	132.6	.1	121.6	245.1	82.5	---
7/31	8:45:00	5726	135.9	.1	124.9	244.1	82.2	---
7/31	8:50:00	5736	136.9	.1	125.9	243.9	82.3	---
7/31	8:55:00	5745	135.9	.1	124.9	244.7	82.8	---
7/31	9:00:00	5757	133.8	.2	122.8	244.1	82.5	0.0
7/31	9:05:00	5766	131.6	.0	120.6	245.1	82.5	---
7/31	9:10:00	5775	131.1	.1	120.1	245.8	82.5	---
7/31	9:15:00	5787	132.3	.1	121.3	245.5	82.5	---
7/31	9:20:00	5786	133.0	.1	122.0	246.8	82.3	---
7/31	9:25:00	5797	134.7	.1	123.7	244.7	82.5	---
7/31	9:30:00	5799	131.1	-.0	120.1	247.2	82.4	---
7/31	9:35:00	5820	128.6	.1	117.6	244.3	82.5	---
7/31	9:40:00	5839	123.5	.1	112.5	240.4	82.9	---
7/31	9:45:00	5850	121.0	.0	110.0	235.7	84.3	---
7/31	9:50:00	5855	119.6	.0	108.6	230.8	84.0	---
7/31	9:55:00	5860	118.4	-.0	107.4	228.2	83.5	---
7/31	10:00:00	5865	118.2	.1	107.2	236.8	81.5	0.0
7/31	10:05:00	5869	117.7	.1	106.7	233.7	80.6	---
7/31	10:10:00	5874	117.3	.1	106.3	232.9	80.5	---
7/31	10:15:00	5878	117.2	.0	106.2	232.6	80.3	---
7/31	10:20:00	5882	117.6	.0	106.6	231.5	79.9	---
7/31	10:25:00	5885	118.7	.1	107.7	230.3	79.9	---
7/31	10:30:00	5888	119.5	-.0	108.5	230.0	79.9	---
7/31	10:35:00	5892	119.6	.1	108.6	229.9	79.8	---
7/31	10:40:00	5895	119.7	.2	108.7	230.0	79.8	---
7/31	10:45:00	5898	120.3	.1	109.3	229.8	79.7	---
7/31	10:50:00	5891	120.6	.2	109.6	229.5	79.8	---
7/31	10:55:00	5894	120.7	.2	109.7	228.2	81.3	---
7/31	11:00:00	5897	120.7	.2	109.7	193.4	82.1	0.0
7/31	11:05:00	5900	119.4	.2	108.4	117.0	81.1	---
7/31	11:10:00	5902	118.8	-.1	107.8	2.6	80.8	---
7/31	11:15:00	5904	120.7	.1	109.7	17.5	98.3	---
7/31	11:20:00	5800	123.2	.3	112.2	123.5	120.3	---
7/31	11:25:00	5650	122.9	7.6	111.9	149.3	123.7	---
7/31	11:30:00	5200	163.8	25.5	152.8	250.6	156.5	---
7/31	11:35:00	4600	176.3	21.3	165.3	250.8	164.0	---
7/31	11:40:00	4200	188.2	31.4	177.2	254.5	189.1	---
7/31	11:45:00	3800	198.6	42.7	187.6	328.0	196.9	---
7/31	11:50:00	3500	206.0	53.6	195.0	354.2	192.1	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
7/31	11:55:00	3200	223.2	30.5	212.2	387.7	202.5	---
7/31	12:00:00	3138	230.4	34.1	219.4	403.0	203.5	260.8
7/31	12:05:00	2324	234.7	21.8	223.7	403.5	188.4	---
7/31	12:10:00	3156	236.6	22.8	225.6	385.4	183.2	---
7/31	12:15:00	3172	238.6	22.7	227.6	343.0	182.8	---
7/31	12:20:00	3163	240.4	22.4	229.4	346.3	180.7	---
7/31	12:25:00	3206	240.7	24.2	229.7	349.5	180.5	---
7/31	12:30:00	2519	240.9	26.1	229.9	350.3	199.3	---
7/31	12:35:00	473	242.4	35.8	231.4	356.6	232.5	---
7/31	12:40:00	452	244.7	24.7	233.7	378.0	241.4	---
7/31	12:45:00	487	247.0	29.8	236.0	416.7	232.0	---
7/31	12:50:00	485	249.2	27.9	238.2	414.9	240.8	---
7/31	12:55:00	481	250.8	26.3	239.8	415.6	248.7	---
7/31	13:00:00	485	251.8	24.8	240.8	417.0	252.1	819.5
7/31	13:05:00	489	252.5	24.3	241.5	418.7	256.4	---
7/31	13:10:00	484	253.2	23.1	242.2	417.1	263.9	---
7/31	13:15:00	487	253.7	24.2	242.7	416.0	267.7	---
7/31	13:20:00	485	254.1	23.5	243.1	415.9	271.3	---
7/31	13:25:00	485	254.5	22.8	243.5	417.9	272.8	---
7/31	13:30:00	485	254.4	22.7	243.4	417.6	274.0	---
7/31	13:35:00	480	254.8	22.6	243.8	415.8	275.0	---
7/31	13:40:00	486	254.8	23.9	243.8	418.0	276.8	---
7/31	13:45:00	484	255.2	25.6	244.2	416.5	278.4	---
7/31	13:50:00	484	255.6	28.1	244.6	416.2	282.5	---
7/31	13:55:00	479	256.0	29.4	245.0	417.9	286.0	---
7/31	14:00:00	489	257.7	45.8	246.7	421.1	296.4	1444.4
7/31	14:05:00	487	255.8	20.6	244.8	416.9	299.6	---
7/31	14:10:00	502	254.1	11.3	243.1	435.4	301.8	---
7/31	14:15:00	537	255.6	23.6	244.6	470.2	292.0	---
7/31	14:20:00	533	255.8	22.3	244.8	469.5	296.0	---
7/31	14:25:00	520	255.1	24.1	244.1	458.0	297.9	---
7/31	14:30:00	514	255.4	20.5	244.4	452.2	303.1	---
7/31	14:35:00	514	255.8	20.6	244.8	449.4	306.2	---
7/31	14:40:00	514	255.1	20.1	244.1	451.1	307.8	---
7/31	14:45:00	525	254.2	21.1	243.2	453.6	310.0	---
7/31	14:50:00	524	156.7	18.5	145.7	458.5	310.9	---
7/31	14:55:00	543	251.9	19.6	240.9	473.8	305.2	---
7/31	15:00:00	548	250.5	20.9	239.5	474.6	305.0	1977.1
7/31	15:05:00	548	249.4	20.9	238.4	472.0	304.1	---
7/31	15:10:00	543	249.5	20.7	238.5	469.0	306.7	---
7/31	15:15:00	540	249.2	19.3	238.2	468.0	310.7	---
7/31	15:20:00	536	250.1	19.8	239.1	467.0	310.5	---
7/31	15:25:00	533	250.5	18.5	239.5	466.3	311.3	---
7/31	15:30:00	539	248.6	18.6	237.6	468.2	312.7	---
7/31	15:35:00	542	248.0	18.7	237.0	469.4	315.5	---
7/31	15:40:00	543	248.9	17.8	237.9	467.2	317.9	---
7/31	15:45:00	538	248.7	18.4	237.7	466.3	317.5	---
7/31	15:50:00	536	249.0	18.0	238.0	466.8	317.8	---
7/31	15:55:00	537	249.3	17.5	238.3	465.7	318.1	---
7/31	16:00:00	539	249.5	18.0	238.5	467.4	319.5	2614.8

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
7/31	16:05:00	540	248.8	17.3	237.8	469.2	319.9	---
7/31	16:10:00	540	246.8	18.1	235.8	468.2	321.3	---
7/31	16:15:00	540	247.6	17.2	236.6	464.3	321.1	---
7/31	16:20:00	539	246.4	18.0	235.4	466.9	320.2	---
7/31	16:25:00	531	247.5	17.6	236.5	461.9	320.3	---
7/31	16:30:00	531	249.3	17.7	238.3	460.5	320.5	---
7/31	16:35:00	533	249.7	17.5	238.7	462.0	320.8	---
7/31	16:40:00	534	250.8	17.6	239.8	462.8	322.6	---
7/31	16:45:00	534	251.7	17.5	240.7	464.1	322.9	---
7/31	16:50:00	537	252.7	18.3	241.7	466.0	323.0	---
7/31	16:55:00	533	253.5	18.1	242.5	465.5	323.2	---
7/31	17:00:00	531	254.1	17.8	243.1	466.2	323.7	3250.7
7/31	17:05:00	536	253.7	17.9	242.7	467.6	325.1	---
7/31	17:10:00	543	249.9	19.2	238.9	472.5	330.9	---
7/31	17:15:00	551	247.4	20.7	236.4	474.3	336.8	---
7/31	17:20:00	548	245.3	11.7	234.3	468.5	344.9	---
7/31	17:25:00	551	242.2	17.2	231.2	471.4	338.1	---
7/31	17:30:00	553	230.4	16.9	219.4	469.5	339.9	---
7/31	17:35:00	549	232.9	16.3	221.9	465.8	338.7	---
7/31	17:40:00	548	237.9	17.1	226.9	465.6	337.4	---
7/31	17:45:00	544	242.7	19.9	231.7	464.8	336.0	---
7/31	17:50:00	541	246.0	21.6	235.0	465.2	334.4	---
7/31	17:55:00	540	248.3	16.7	237.3	459.0	338.2	---
7/31	18:00:00	539	248.6	11.4	237.6	465.2	343.1	3700.7
7/31	18:05:00	547	249.5	32.1	238.5	468.2	295.1	---
7/31	18:10:00	545	250.3	21.3	239.3	467.4	297.9	---
7/31	18:15:00	546	250.2	23.5	239.2	468.5	293.3	---
7/31	18:20:00	542	250.2	17.5	239.2	468.5	306.5	---
7/31	18:25:00	544	250.3	18.0	239.3	468.0	314.5	---
7/31	18:30:00	546	250.1	17.8	239.1	469.6	311.0	---
7/31	18:35:00	545	250.5	31.5	239.5	469.5	290.6	---
7/31	18:40:00	546	250.0	30.0	239.0	471.0	289.5	---
7/31	18:45:00	547	249.5	34.8	238.5	471.3	271.9	---
7/31	18:50:00	541	250.2	36.2	239.2	470.1	267.5	---
7/31	18:55:00	545	250.6	34.2	239.6	469.4	264.8	---
7/31	19:00:00	544	251.3	34.8	240.3	469.5	261.0	4279.0
7/31	19:05:00	545	252.2	37.7	241.2	470.2	258.3	---
7/31	19:10:00	544	251.8	35.1	240.8	470.1	258.4	---
7/31	19:15:00	545	251.7	34.3	240.7	470.3	256.2	---
7/31	19:20:00	548	252.1	37.4	241.1	469.0	255.0	---
7/31	19:25:00	545	253.0	34.0	242.0	468.8	255.5	---
7/31	19:30:00	540	252.9	35.1	241.9	466.7	253.3	---
7/31	19:35:00	539	251.7	38.0	240.7	466.6	251.3	---
7/31	19:40:00	547	251.3	36.4	240.3	466.9	251.4	---
7/31	19:45:00	540	252.2	37.2	241.2	466.3	248.5	---
7/31	19:50:00	543	252.5	36.3	241.5	467.8	249.1	---
7/31	19:55:00	546	252.6	36.8	241.6	469.5	248.4	---
7/31	20:00:00	545	252.5	34.5	241.5	469.6	247.2	4913.8
7/31	20:05:00	545	253.1	36.8	242.1	469.9	244.5	---
7/31	20:10:00	543	252.8	34.4	241.8	469.8	245.5	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
7/31	20:15:00	546	252.7	35.1	241.7	469.6	242.8	---
7/31	20:20:00	546	253.3	35.9	242.3	469.0	243.0	---
7/31	20:25:00	544	253.4	34.3	242.4	469.8	242.6	---
7/31	20:30:00	534	251.5	53.9	240.5	460.8	245.9	---
7/31	20:35:00	521	253.5	26.2	242.5	448.3	251.1	---
7/31	20:40:00	509	252.9	27.1	241.9	430.8	258.0	---
7/31	20:45:00	498	254.5	22.0	243.5	418.5	268.8	---
7/31	20:50:00	476	254.9	26.5	243.9	399.5	270.4	---
7/31	20:55:00	475	255.3	30.2	244.3	400.3	272.0	---
7/31	21:00:00	476	257.5	42.2	246.5	400.0	277.3	5547.2
7/31	21:05:00	506	253.8	9.5	242.8	428.5	279.2	---
7/31	21:10:00	554	254.8	23.1	243.8	480.0	265.2	---
7/31	21:15:00	549	254.3	32.5	243.3	476.5	254.1	---
7/31	21:20:00	555	253.3	26.7	242.3	481.9	267.0	---
7/31	21:25:00	555	252.1	25.3	241.1	481.8	252.1	---
7/31	21:30:00	554	252.1	21.7	241.1	482.6	148.0	---
7/31	21:35:00	619	252.6	20.4	241.6	547.8	232.3	---
7/31	21:40:00	679	251.9	14.7	240.9	613.3	248.3	---
7/31	21:45:00	680	251.6	13.6	240.6	612.5	257.0	---
7/31	21:50:00	678	251.7	12.8	240.7	612.9	259.7	---
7/31	21:55:00	682	251.9	13.0	240.9	613.1	262.0	---
7/31	22:00:00	678	251.8	13.0	240.8	612.8	264.5	6138.9
7/31	22:05:00	681	251.7	13.6	240.7	612.8	267.0	---
7/31	22:10:00	680	252.1	13.8	241.1	612.3	269.4	---
7/31	22:15:00	680	252.0	13.4	241.0	612.4	271.9	---
7/31	22:20:00	681	251.9	13.0	240.9	612.6	273.1	---
7/31	22:25:00	683	252.0	13.7	241.0	612.7	273.7	---
7/31	22:30:00	681	251.9	15.4	240.9	611.9	275.2	---
7/31	22:35:00	681	252.8	28.8	241.8	610.0	256.5	---
7/31	22:40:00	682	252.2	17.8	241.2	612.6	264.0	---
7/31	22:45:00	677	252.7	12.0	241.7	611.3	273.1	---
7/31	22:50:00	677	252.7	11.3	241.7	611.1	277.3	---
7/31	22:55:00	555	253.4	28.3	242.4	607.8	254.4	---
7/31	23:00:00	547	252.3	18.5	241.3	611.9	254.8	6764.4
7/31	23:05:00	548	251.8	12.7	240.8	612.5	262.3	---
7/31	23:10:00	997	251.9	12.4	240.9	612.8	268.4	---
7/31	23:15:00	1011	252.3	13.4	241.3	612.4	271.1	---
7/31	23:20:00	1017	252.7	13.0	241.7	611.8	274.3	---
7/31	23:25:00	1036	252.7	18.3	241.7	611.3	270.6	---
7/31	23:30:00	1039	252.5	15.4	241.5	612.0	278.1	---
7/31	23:35:00	1061	252.9	16.9	241.9	612.3	324.8	---
7/31	23:40:00	1014	252.9	21.4	241.9	611.2	336.5	---
7/31	23:45:00	1075	253.0	21.5	242.0	611.3	350.0	---
7/31	23:50:00	1074	253.1	22.8	242.1	610.9	348.0	---
7/31	23:55:00	1075	253.2	21.7	242.2	610.5	348.0	---
8/01	0:00:00	1069	253.6	23.3	242.6	610.9	344.5	7390.6
8/01	0:05:00	1070	253.6	31.4	242.6	607.3	346.8	---
8/01	0:10:00	1074	253.6	39.6	242.6	591.3	348.8	---
8/01	0:15:00	1339	253.6	31.8	242.6	586.6	346.3	---
8/01	0:20:00	1430	253.7	32.7	242.7	587.1	349.0	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
8/01	0:25:00	2350	254.0	32.2	243.0	583.2	311.1	---
8/01	0:30:00	2733	253.2	24.0	242.2	578.8	315.1	---
8/01	0:35:00	2744	252.7	22.4	241.7	579.2	313.8	---
8/01	0:40:00	2753	252.0	23.5	241.0	579.9	316.5	---
8/01	0:45:00	2883	250.4	19.2	239.4	579.7	313.5	---
8/01	0:50:00	3458	248.7	23.9	237.7	574.0	260.5	---
8/01	0:55:00	3480	247.4	16.2	236.4	579.4	254.8	---
8/01	1:00:00	3504	246.7	15.1	235.7	576.3	254.1	7901.1
8/01	1:05:00	3518	246.5	15.2	235.5	576.8	251.7	---
8/01	1:10:00	3528	246.5	16.5	235.5	575.8	250.6	---
8/01	1:15:00	3526	246.4	18.0	235.4	576.6	253.1	---
8/01	1:20:00	3525	245.7	16.6	234.7	577.0	248.2	---
8/01	1:25:00	3529	245.7	14.8	234.7	585.3	245.5	---
8/01	1:30:00	3540	245.6	16.7	234.6	586.5	242.5	---
8/01	1:35:00	3540	245.6	16.7	234.6	590.5	235.9	---
8/01	1:40:00	3538	245.4	8.8	234.4	586.3	244.0	---
8/01	1:45:00	3548	244.5	9.3	233.5	595.1	246.8	---
8/01	1:50:00	3548	244.8	6.3	233.8	594.8	260.7	---
8/01	1:55:00	3550	244.2	6.7	233.2	590.3	260.0	---
8/01	2:00:00	3550	244.6	6.9	233.6	594.3	260.7	8310.3
8/01	2:05:00	3559	244.4	5.0	233.4	594.8	267.5	---
8/01	2:10:00	3560	244.3	5.1	233.3	595.3	269.2	---
8/01	2:15:00	3569	244.2	5.5	233.2	595.3	268.0	---
8/01	2:20:00	3573	244.0	5.5	233.0	594.8	268.8	---
8/01	2:25:00	3573	243.8	5.0	232.8	594.4	269.8	---
8/01	2:30:00	3576	243.6	5.7	232.6	595.4	269.0	---
8/01	2:35:00	3580	243.3	5.1	232.3	594.7	271.2	---
8/01	2:40:00	3584	243.5	5.2	232.5	594.8	270.1	---
8/01	3:00:00	3574	244.0	5.5	233.0	594.4	268.0	8722.2
8/01	3:20:00	3576	243.1	4.8	232.1	594.5	267.0	---
8/01	3:25:00	3585	243.4	5.2	232.4	594.8	268.5	---
8/01	3:30:00	3586	243.3	5.1	232.3	595.2	269.5	---
8/01	3:35:00	3587	243.4	5.3	232.4	594.9	270.6	---
8/01	3:40:00	3576	243.7	4.8	232.7	594.4	270.6	---
8/01	3:45:00	3575	243.9	5.3	232.9	594.1	270.6	---
8/01	3:50:00	3585	243.7	5.4	232.7	594.2	270.7	---
8/01	3:55:00	3583	243.6	5.0	232.6	595.0	272.3	---
8/01	4:00:00	3589	244.0	5.5	233.0	594.4	271.8	9135.0
8/01	4:05:00	3593	243.9	5.3	232.9	594.3	274.3	---
8/01	4:10:00	3595	243.6	4.9	232.6	595.0	275.2	---
8/01	4:15:00	3598	243.5	5.3	232.5	596.2	276.1	---
8/01	4:20:00	3602	243.6	5.4	232.6	594.8	275.5	---
8/01	4:25:00	3607	243.3	5.6	232.3	595.0	274.3	---
8/01	4:30:00	3613	243.5	5.1	232.5	595.2	276.7	---
8/01	4:35:00	3613	243.6	5.3	232.6	595.2	276.7	---
8/01	4:40:00	3612	243.5	5.5	232.5	594.5	275.1	---
8/01	4:45:00	3610	243.3	5.1	232.3	595.0	276.1	---
8/01	4:50:00	3614	242.9	5.3	231.9	595.1	277.5	---
8/01	4:55:00	3614	243.0	5.2	232.0	594.5	276.6	---
8/01	5:00:00	3614	246.8	5.2	231.8	595.0	276.3	9549.4

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
8/01	5:05:00	3616	247.4	5.5	232.4	595.1	275.7	---
8/01	5:10:00	3620	247.5	5.3	232.5	594.8	276.4	---
8/01	5:15:00	3621	247.7	5.2	232.7	593.8	274.4	---
8/01	5:20:00	3622	247.9	5.3	232.9	594.5	274.1	---
8/01	5:25:00	3623	247.8	5.5	232.8	594.0	275.8	---
8/01	5:30:00	3625	247.9	5.0	232.9	594.7	276.8	---
8/01	5:35:00	3630	248.0	5.3	233.0	593.4	275.6	---
8/01	5:40:00	3630	247.3	4.8	232.3	595.2	275.5	---
8/01	5:45:00	3629	246.8	5.3	231.8	595.0	275.7	---
8/01	5:50:00	3628	247.0	5.0	232.0	595.0	277.4	---
8/01	5:55:00	3634	247.0	5.2	232.0	594.6	275.5	---
8/01	6:00:00	3633	247.3	5.0	232.3	594.7	276.5	9964.5
8/01	6:05:00	3636	247.5	5.6	232.5	594.7	274.8	---
8/01	6:10:00	3634	247.2	5.5	232.2	594.5	276.4	---
8/01	6:15:00	3639	247.1	5.3	232.1	594.8	276.3	---
8/01	6:20:00	3635	247.0	5.1	232.0	594.6	275.6	---
8/01	6:25:00	3637	247.4	5.5	232.4	594.3	275.5	---
8/01	6:30:00	3636	247.3	5.3	232.3	594.5	276.1	---
8/01	6:35:00	3639	247.7	5.3	232.7	593.8	277.0	---
8/01	6:40:00	3644	248.0	5.5	233.0	593.8	276.6	---
8/01	6:45:00	3640	248.0	5.3	233.0	594.1	277.3	---
8/01	6:50:00	3641	248.0	5.4	233.0	594.4	276.8	---
8/01	6:55:00	3638	248.1	5.3	233.1	593.9	277.8	---
8/01	7:00:00	3638	248.3	4.9	233.3	593.9	279.3	10380.7
8/01	7:05:00	3643	248.3	5.6	233.3	594.1	279.3	---
8/01	7:10:00	3645	248.4	5.1	233.4	594.5	278.0	---
8/01	7:15:00	3646	248.7	5.1	233.7	594.2	278.5	---
8/01	7:20:00	3646	249.0	5.2	234.0	594.9	277.8	---
8/01	7:25:00	3647	248.8	5.2	233.8	594.3	280.3	---
8/01	7:30:00	3651	248.7	5.4	233.7	594.5	279.3	---
8/01	7:35:00	3651	248.3	5.1	233.3	594.1	278.0	---
8/01	7:40:00	3649	248.3	5.2	233.3	594.8	277.7	---
8/01	7:45:00	3651	248.2	5.4	233.2	594.5	278.3	---
8/01	7:50:00	3650	247.6	5.2	232.6	596.1	277.5	---
8/01	7:55:00	3651	247.3	5.1	232.3	595.6	277.8	---
8/01	8:00:00	3654	247.8	5.0	232.8	596.0	279.3	10798.0
8/01	8:05:00	3648	248.1	5.1	233.1	595.1	278.3	---
8/01	8:10:00	3649	248.1	5.2	233.1	595.1	279.1	---
8/01	8:15:00	3651	248.0	4.9	233.0	595.8	280.1	---
8/01	8:20:00	3650	248.6	5.2	233.6	595.4	279.5	---
8/01	8:25:00	3651	248.8	4.9	233.8	595.2	279.9	---
8/01	8:30:00	3650	248.4	5.3	233.4	595.5	280.3	---
8/01	8:35:00	3648	248.6	5.0	233.6	595.8	281.0	---
8/01	8:40:00	3650	248.2	5.4	233.2	595.7	281.6	---
8/01	8:45:00	3649	242.3	5.6	227.3	598.1	278.4	---
8/01	8:50:00	3653	245.3	6.8	230.3	597.5	265.9	---
8/01	8:55:00	3651	246.2	5.3	231.2	596.3	272.5	---
8/01	9:00:00	3649	246.5	6.8	231.5	595.3	268.4	11215.7
8/01	9:05:00	3649	247.2	8.5	232.2	595.0	260.9	---
8/01	9:10:00	3652	247.6	8.2	232.6	595.0	260.1	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
8/01	9:15:00	3652	248.3	8.1	233.3	595.5	260.1	---
8/01	9:20:00	3653	248.8	8.2	233.8	595.4	259.4	---
8/01	9:25:00	3649	249.1	7.6	234.1	595.8	260.1	---
8/01	9:30:00	3653	248.9	8.5	233.9	597.2	258.8	---
8/01	9:35:00	3656	249.1	8.5	234.1	596.6	258.3	---
8/01	9:40:00	3653	249.3	6.9	234.3	596.3	258.2	---
8/01	9:45:00	3654	249.3	9.1	234.3	597.5	255.6	---
8/01	9:50:00	3655	249.8	7.7	234.8	596.4	256.8	---
8/01	9:55:00	3660	248.2	7.3	233.2	598.1	260.0	---
8/01	10:00:00	3657	249.0	8.1	234.0	596.9	258.3	11633.8
8/01	10:05:00	3659	249.3	7.1	234.3	595.8	259.6	---
8/01	10:10:00	3655	249.5	7.2	234.5	596.5	261.5	---
8/01	10:15:00	3661	249.4	6.1	234.4	597.3	265.1	---
8/01	10:20:00	3663	249.2	7.1	234.2	599.3	264.5	---
8/01	10:25:00	3664	249.0	8.5	234.0	599.8	261.3	---
8/01	10:30:00	3663	249.6	8.2	234.6	597.8	255.6	---
8/01	10:35:00	3662	249.5	7.9	234.5	598.6	256.2	---
8/01	10:40:00	3664	249.9	8.0	234.9	602.8	258.7	---
8/01	10:45:00	3662	249.4	9.3	234.4	594.8	256.6	---
8/01	10:50:00	3663	250.2	8.9	235.2	586.9	256.1	---
8/01	10:55:00	3665	250.1	7.2	235.1	585.5	259.3	---
8/01	11:00:00	3663	250.3	6.0	235.3	583.5	264.6	12051.7
8/01	11:05:00	3670	249.8	5.4	234.8	585.5	268.8	---
8/01	11:10:00	3674	249.0	5.7	234.0	587.6	269.9	---
8/01	11:15:00	3672	249.4	5.7	234.4	585.2	270.3	---
8/01	11:20:00	3673	249.5	5.9	234.5	585.6	267.3	---
8/01	11:25:00	3674	249.6	5.7	234.6	585.0	261.9	---
8/01	11:30:00	3671	250.1	6.0	235.1	584.0	269.2	---
8/01	11:35:00	3673	249.7	5.5	234.7	585.2	270.3	---
8/01	11:40:00	3676	249.2	5.7	234.2	585.5	270.7	---
8/01	11:45:00	3677	249.3	5.7	234.3	584.9	270.2	---
8/01	11:50:00	3674	249.4	5.7	234.4	584.6	270.1	---
8/01	11:55:00	3675	249.1	5.7	234.1	585.5	270.2	---
8/01	12:00:00	3669	250.2	6.1	235.2	585.7	270.0	12470.7
8/01	12:05:00	3671	250.5	6.2	235.5	585.1	270.0	---
8/01	12:10:00	3674	250.0	5.4	235.0	585.1	270.5	---
8/01	12:15:00	3679	249.2	5.3	234.2	588.2	270.1	---
8/01	12:20:00	3676	249.4	5.8	234.4	587.2	269.9	---
8/01	12:25:00	3676	248.9	5.9	233.9	585.8	270.0	---
8/01	12:30:00	3674	249.4	5.8	234.4	585.7	270.0	---
8/01	12:35:00	3679	248.7	5.7	233.7	587.5	270.1	---
8/01	12:40:00	3683	248.8	5.7	233.8	587.0	270.1	---
8/01	12:45:00	3674	249.6	5.9	234.6	585.1	270.0	---
8/01	12:50:00	3676	249.6	5.8	234.6	585.6	269.9	---
8/01	12:55:00	3674	249.6	5.8	234.6	585.7	269.8	---
8/01	13:00:00	3677	249.4	5.7	234.4	586.5	269.5	12870.2
8/01	13:05:00	3675	250.1	5.7	235.1	586.0	269.6	---
8/01	13:10:00	3675	250.1	6.0	235.1	585.8	269.5	---
8/01	13:15:00	3678	249.0	5.4	234.0	586.7	270.1	---
8/01	13:20:00	3684	248.3	5.7	233.3	587.6	270.0	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
8/01	13:25:00	3681	248.1	5.3	233.1	587.1	268.5	---
8/01	13:30:00	3675	248.9	5.5	233.9	587.5	268.8	---
8/01	13:35:00	3676	249.0	5.6	234.0	587.5	267.8	---
8/01	13:40:00	3681	249.0	5.6	234.0	587.9	266.0	---
8/01	13:45:00	3675	249.5	5.9	234.5	587.6	267.6	---
8/01	13:50:00	3674	248.7	5.9	233.7	588.1	269.5	---
8/01	13:55:00	3673	249.4	5.8	234.4	587.2	269.8	---
8/01	14:00:00	3675	249.4	6.0	234.4	587.4	269.5	13309.6
8/01	14:05:00	3673	249.4	6.0	234.4	587.2	269.9	---
8/01	14:10:00	3670	249.0	6.1	234.0	587.4	269.9	---
8/01	14:15:00	3672	249.2	6.0	234.2	587.9	270.0	---
8/01	14:20:00	3675	249.0	5.9	234.0	588.7	270.1	---
8/01	14:25:00	3676	248.7	5.7	233.7	588.9	270.0	---
8/01	14:30:00	3675	249.1	5.5	234.1	588.2	270.0	---
8/01	14:35:00	3675	248.4	5.9	233.4	588.2	269.9	---
8/01	14:40:00	3674	249.4	5.8	234.4	587.7	269.3	---
8/01	14:45:00	3675	248.7	5.9	233.7	587.7	269.8	---
8/01	14:50:00	3662	248.3	5.6	233.3	587.3	269.8	---
8/01	14:55:00	3668	247.8	5.6	232.8	587.8	270.0	---
8/01	15:00:00	3667	248.5	5.7	233.5	588.1	269.9	13727.4
8/01	15:05:00	3669	247.8	5.7	232.8	587.8	269.8	---
8/01	15:10:00	3669	247.3	5.6	232.3	588.8	269.8	---
8/01	15:15:00	3677	244.7	5.5	229.7	590.3	270.8	---
8/01	15:20:00	3684	244.7	5.9	229.7	588.4	270.5	---
8/01	15:25:00	3690	243.3	5.7	228.3	589.6	271.0	---
8/01	15:30:00	3691	243.3	5.8	228.3	589.0	270.9	---
8/01	15:35:00	3690	243.1	5.7	228.1	587.0	270.1	---
8/01	15:40:00	3681	243.5	6.0	228.5	584.9	269.5	---
8/01	15:45:00	3675	244.6	6.1	229.6	584.5	269.1	---
8/01	15:50:00	3673	256.8	6.0	241.8	647.8	184.2	---
8/01	15:55:00	4720	257.3	3.0	242.3	368.4	150.7	---
8/01	16:00:00	5651	239.0	1.6	224.0	38.3	88.7	14070.3
8/02	15:00:00	6475	109.4	-1.3	94.4	2.0	4.2	0.0
8/02	15:20:00	6475	109.6	-1.3	94.6	2.0	4.2	---
8/02	15:25:00	6477	109.8	73.8	94.8	2.8	5.1	---
8/02	15:30:00	6080	110.6	50.1	95.6	60.3	30.0	---
8/02	15:35:00	5579	112.0	.2	97.0	222.8	63.5	---
8/02	15:40:00	5453	112.7	.5	97.7	419.0	96.7	---
8/02	15:45:00	5467	131.9	20.3	116.9	512.4	117.5	---
8/02	15:50:00	5478	146.7	27.7	131.7	514.6	136.1	---
8/02	15:55:00	5476	153.2	41.9	138.2	509.6	134.7	---
8/02	16:00:00	5473	157.5	26.7	142.5	439.0	133.6	149.9
8/02	16:05:00	5472	164.7	36.0	149.7	437.1	128.5	---
8/02	16:10:00	5472	169.6	38.8	154.6	385.3	130.8	---
8/02	16:15:00	5500	175.2	33.3	160.2	352.5	126.1	---
8/02	16:20:00	5544	186.3	36.0	171.3	374.0	113.7	---
8/02	16:25:00	5549	201.7	12.0	186.7	270.4	151.9	---
8/02	16:30:00	5566	193.0	35.7	178.0	316.7	122.6	---
8/02	16:35:00	5565	193.5	38.8	178.5	316.1	128.1	---
8/02	16:40:00	5560	195.9	52.6	180.9	308.8	129.2	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
8/02	16:45:00	5554	191.9	10.9	176.9	359.6	125.1	---
8/02	16:50:00	5551	192.2	35.0	177.2	510.5	129.5	---
8/02	16:55:00	5548	193.5	9.2	178.5	570.2	133.4	---
8/02	17:00:00	5540	196.1	26.9	181.1	652.0	138.8	407.0
8/02	17:05:00	5437	199.3	40.5	184.3	539.2	145.3	---
8/02	17:10:00	5302	201.4	12.4	186.4	534.7	158.9	---
8/02	17:15:00	5299	204.6	11.2	189.6	523.6	169.3	---
8/02	17:20:00	5291	206.0	10.9	191.0	528.6	172.3	---
8/02	17:25:00	5286	207.3	10.6	192.3	530.7	173.2	---
8/02	17:30:00	5279	208.6	10.7	193.6	530.5	175.0	---
8/02	17:35:00	5275	209.8	10.7	194.8	530.4	175.5	---
8/02	17:40:00	5271	210.8	11.0	195.8	530.1	177.0	---
8/02	17:45:00	5268	211.2	10.6	196.2	529.5	177.8	---
8/02	17:50:00	5263	212.1	10.6	197.1	529.6	179.6	---
8/02	17:55:00	5260	213.7	11.0	198.7	528.7	180.9	---
8/02	18:00:00	5255	214.5	10.8	199.5	525.7	181.9	698.0
8/02	18:05:00	5251	215.3	9.8	200.3	531.7	182.7	---
8/02	18:10:00	5250	215.4	10.5	200.4	538.4	183.9	---
8/02	18:15:00	5249	215.6	10.8	200.6	537.7	148.3	---
8/02	18:20:00	5244	215.6	10.5	200.6	537.7	184.8	---
8/02	18:25:00	5240	216.4	10.5	201.4	537.5	184.9	---
8/02	18:30:00	5235	216.3	10.9	201.3	537.9	184.9	---
8/02	18:35:00	5237	216.9	10.8	201.9	537.4	184.6	---
8/02	18:40:00	5230	217.0	10.9	202.0	537.4	185.4	---
8/02	18:45:00	5227	217.5	10.8	202.5	537.3	185.7	---
8/02	18:50:00	5225	218.1	11.1	203.1	537.0	185.5	---
8/02	18:55:00	5212	218.9	11.2	203.9	536.8	186.5	---
8/02	19:00:00	5203	219.1	11.1	204.1	537.2	187.7	988.5
8/02	19:05:00	5196	219.0	10.9	204.0	537.4	187.8	---
8/02	19:10:00	5195	219.7	11.2	204.7	536.8	187.8	---
8/02	19:15:00	5190	220.1	10.8	205.1	536.8	187.9	---
8/02	19:20:00	5188	221.0	11.0	206.0	536.7	188.2	---
8/02	19:25:00	5189	221.7	11.2	206.7	536.1	188.3	---
8/02	19:30:00	5188	220.6	11.0	205.6	537.4	189.3	---
8/02	19:35:00	5188	221.0	10.8	206.0	536.7	189.8	---
8/02	19:40:00	5182	221.2	11.1	206.2	536.3	190.1	---
8/02	19:45:00	5178	222.3	10.6	207.3	536.0	191.0	---
8/02	19:50:00	5176	223.6	11.5	208.6	536.1	190.7	---
8/02	19:55:00	5174	224.6	10.7	209.6	535.4	191.3	---
8/02	20:00:00	5176	225.1	11.1	210.1	534.9	191.7	1280.5
8/02	20:05:00	5172	225.3	11.0	210.3	535.1	191.6	---
8/02	20:10:00	5170	225.3	10.8	210.3	534.8	191.8	---
8/02	20:15:00	5163	225.9	10.9	210.9	534.6	192.0	---
8/02	20:20:00	5166	226.3	11.7	211.3	534.7	192.0	---
8/02	20:25:00	5163	226.6	11.2	211.6	534.5	192.1	---
8/02	20:30:00	5161	226.8	10.9	211.8	534.1	192.8	---
8/02	20:35:00	5157	226.5	11.2	211.5	533.8	192.6	---
8/02	20:40:00	5153	225.7	11.4	210.7	534.3	192.5	---
8/02	20:45:00	5151	225.5	11.3	210.5	534.0	192.5	---
8/02	20:50:00	5150	225.6	10.9	210.6	534.0	192.8	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
8/02	20:55:00	5149	225.8	11.7	210.8	534.2	192.5	---
8/02	21:00:00	5151	226.0	11.4	211.0	533.6	192.6	1571.4
8/02	21:05:00	5148	226.0	10.9	211.0	534.0	192.7	---
8/02	21:10:00	5144	226.5	11.7	211.5	533.3	192.9	---
8/02	21:15:00	5140	227.0	10.8	212.0	533.7	193.4	---
8/02	21:20:00	5135	227.3	11.1	212.3	533.5	193.2	---
8/02	21:25:00	5140	227.7	11.1	212.7	533.8	193.1	---
8/02	21:30:00	5139	227.6	11.2	212.6	533.8	193.2	---
8/02	21:35:00	5137	227.8	11.0	212.8	533.1	193.9	---
8/02	21:40:00	5135	228.2	11.2	213.2	533.5	193.2	---
8/02	21:45:00	5130	228.4	11.7	213.4	533.8	193.1	---
8/02	21:50:00	5133	228.6	11.1	213.6	533.2	193.5	---
8/02	21:55:00	5125	228.9	11.3	213.9	533.4	193.5	---
8/02	22:00:00	5126	229.1	11.3	214.1	533.6	193.2	1861.3
8/02	22:05:00	5125	229.6	11.3	214.6	533.0	193.9	---
8/02	22:10:00	5123	229.6	10.3	214.6	532.8	194.0	---
8/02	22:15:00	5120	229.4	11.6	214.4	532.9	193.4	---
8/02	22:20:00	5121	229.6	11.2	214.6	533.1	193.5	---
8/02	22:25:00	5117	229.9	11.7	214.9	533.5	193.6	---
8/02	22:30:00	5113	230.3	10.9	215.3	533.0	194.0	---
8/02	22:35:00	5113	230.5	10.9	215.5	532.5	194.2	---
8/02	22:40:00	5113	230.1	11.6	215.1	533.5	193.6	---
8/02	22:45:00	5112	230.2	10.8	215.2	533.3	194.1	---
8/02	22:50:00	5112	229.6	10.9	214.6	533.4	193.8	---
8/02	22:55:00	5112	229.3	11.4	214.3	532.7	193.4	---
8/02	23:00:00	5110	228.7	10.8	213.7	533.1	194.0	2150.4
8/02	23:05:00	5104	228.0	11.6	213.0	532.7	193.4	---
8/02	23:10:00	5101	227.9	11.2	212.9	532.4	193.8	---
8/02	23:15:00	5102	228.0	11.2	213.0	532.7	193.8	---
8/02	23:20:00	5099	228.2	11.1	213.2	532.8	194.0	---
8/02	23:25:00	5100	229.0	11.2	214.0	532.2	194.0	---
8/02	23:30:00	5101	229.5	11.7	214.5	532.2	194.0	---
8/02	23:35:00	5099	229.6	11.0	214.6	533.5	194.3	---
8/02	23:40:00	5092	230.3	11.0	215.3	533.1	194.3	---
8/02	23:45:00	5091	230.7	12.1	215.7	533.8	194.0	---
8/02	23:50:00	5088	231.1	10.9	216.1	533.9	194.4	---
8/02	23:55:00	5089	231.3	11.7	216.3	534.0	194.0	---
8/03	0:00:00	5088	231.5	11.0	216.5	533.8	194.3	2438.9
8/03	0:05:00	5084	231.8	11.3	216.8	533.3	194.4	---
8/03	0:10:00	5084	232.2	11.5	217.2	533.5	194.5	---
8/03	0:15:00	5078	232.7	10.8	217.7	533.5	194.5	---
8/03	0:20:00	5076	232.9	12.0	217.9	533.5	194.2	---
8/03	0:25:00	5075	233.2	10.7	218.2	533.1	194.7	---
8/03	0:30:00	5076	232.8	11.9	217.8	532.8	193.8	---
8/03	0:35:00	5077	232.5	11.4	217.5	531.8	194.2	---
8/03	0:40:00	5075	232.6	11.0	217.6	532.7	194.9	---
8/03	0:45:00	5077	232.8	11.6	217.8	534.3	194.5	---
8/03	0:50:00	5074	233.1	11.0	218.1	534.2	195.1	---
8/03	0:55:00	5072	232.9	11.2	217.9	533.5	194.8	---
8/03	1:00:00	5069	232.7	11.6	217.7	534.1	194.8	2726.9

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
8/03	1:05:00	5067	232.8	10.9	217.8	533.9	195.2	---
8/03	1:10:00	5065	232.6	11.3	217.6	533.8	195.0	---
8/03	1:15:00	5064	232.4	11.3	217.4	532.8	195.0	---
8/03	1:20:00	5063	231.9	11.1	216.9	533.3	195.0	---
8/03	1:25:00	5065	231.6	11.5	216.6	532.3	194.8	---
8/03	1:30:00	5061	232.0	10.8	217.0	532.1	195.2	---
8/03	1:35:00	5062	232.6	11.2	217.6	532.0	195.0	---
8/03	1:40:00	5060	233.1	10.8	218.1	533.4	195.1	---
8/03	1:45:00	5060	232.8	11.8	217.8	532.8	195.1	---
8/03	1:50:00	5060	232.6	10.8	217.6	532.9	195.4	---
8/03	1:55:00	5058	232.9	11.7	217.9	533.7	194.8	---
8/03	2:00:00	5055	233.0	10.9	218.0	533.7	195.2	3014.4
8/03	2:05:00	5054	233.0	11.0	218.0	533.6	195.1	---
8/03	2:10:00	5051	233.5	10.9	218.5	533.4	195.2	---
8/03	2:15:00	5056	233.6	11.1	218.6	533.2	195.2	---
8/03	2:20:00	5047	233.5	11.4	218.5	533.3	195.3	---
8/03	2:25:00	5050	233.9	11.2	218.9	533.3	195.4	---
8/03	2:30:00	5049	234.0	11.6	219.0	533.4	194.9	---
8/03	2:35:00	5048	234.1	10.9	219.1	532.8	195.6	---
8/03	2:40:00	5049	234.0	11.1	219.0	533.0	195.5	---
8/03	2:45:00	5049	234.1	11.1	219.1	533.3	196.0	---
8/03	2:50:00	5046	233.7	11.3	218.7	533.8	195.7	---
8/03	2:55:00	5043	233.3	10.9	218.3	534.2	196.2	---
8/03	3:00:00	5041	233.8	11.2	218.8	533.4	195.8	3301.5
8/03	3:05:00	5043	233.3	10.9	218.3	532.4	195.8	---
8/03	3:10:00	5041	233.6	11.2	218.6	532.8	196.0	---
8/03	3:15:00	5038	233.6	11.1	218.6	531.8	196.1	---
8/03	3:20:00	5037	233.7	11.4	218.7	533.0	195.8	---
8/03	3:25:00	5039	233.5	11.3	218.5	532.3	195.8	---
8/03	3:30:00	5040	233.3	11.0	218.3	532.5	195.7	---
8/03	3:35:00	5033	233.5	10.9	218.5	532.1	195.8	---
8/03	3:40:00	5033	234.2	10.9	219.2	532.5	196.0	---
8/03	3:45:00	5039	234.3	11.2	219.3	534.2	195.8	---
8/03	3:50:00	5037	234.7	11.4	219.7	534.1	196.3	---
8/03	3:55:00	5037	234.6	11.3	219.6	534.0	196.3	---
8/03	4:00:00	5040	234.3	10.6	219.3	533.9	196.4	3588.3
8/03	4:05:00	5035	234.0	10.8	219.0	534.0	196.3	---
8/03	4:10:00	5035	234.3	11.0	219.3	533.8	195.9	---
8/03	4:15:00	5030	234.7	11.3	219.7	533.8	196.3	---
8/03	4:20:00	5033	234.6	11.1	219.6	533.6	196.3	---
8/03	4:25:00	5030	234.6	10.9	219.6	533.3	196.3	---
8/03	4:30:00	5030	234.4	11.3	219.4	532.0	196.4	---
8/03	4:35:00	5033	234.4	11.0	219.4	532.9	196.3	---
8/03	4:40:00	5027	234.3	11.2	219.3	532.6	196.3	---
8/03	4:45:00	5026	233.7	11.1	218.7	531.3	196.3	---
8/03	4:50:00	5025	233.6	10.9	218.6	532.3	196.5	---
8/03	4:55:00	5026	233.6	11.2	218.6	532.1	196.0	---
8/03	5:00:00	5025	233.8	11.4	218.8	532.9	196.4	3874.8
8/03	6:00:00	5021	233.6	11.0	218.6	532.9	197.0	4161.1
8/03	6:30:00	5018	233.0	11.1	218.0	533.3	197.0	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
8/03	7:00:00	5014	233.5	10.9	218.5	534.0	197.5	4447.0
8/03	7:30:00	5010	233.9	10.9	218.9	532.7	197.5	---
8/03	8:00:00	5007	233.4	11.6	218.4	531.0	198.0	4732.7
8/03	8:30:00	5003	234.4	18.4	219.4	413.7	198.3	---
8/03	9:00:00	4999	234.0	16.2	219.0	396.0	198.6	5018.4
8/03	9:30:00	4996	234.3	16.0	219.3	395.6	199.0	---
8/03	10:00:00	4992	231.8	16.1	216.8	396.2	199.0	5303.3
8/03	10:30:00	4988	230.7	15.6	215.7	396.2	199.0	---
8/03	11:00:00	4985	230.4	15.7	215.4	396.4	200.0	5588.3
8/03	11:30:00	4981	230.4	15.6	215.4	396.6	200.0	---
8/03	12:00:00	4977	230.7	15.8	215.7	396.2	200.0	5873.5
8/03	12:30:00	4974	231.1	15.8	216.1	396.7	200.5	---
8/03	13:00:00	4970	231.9	16.0	216.9	397.1	201.0	6157.6
8/03	13:30:00	4966	230.4	12.3	215.4	443.7	201.5	---
8/03	14:00:00	4963	227.4	8.1	212.4	688.5	201.9	6443.9
8/03	14:10:00	4959	227.4	7.9	212.4	689.5	201.8	---
8/03	14:15:00	4965	227.9	7.9	212.9	688.7	202.3	---
8/03	14:20:00	4961	227.1	8.1	212.1	689.0	202.2	---
8/03	14:25:00	4960	228.1	7.9	213.1	689.4	201.5	---
8/03	14:30:00	4964	226.9	7.9	211.9	688.8	201.5	---
8/03	14:35:00	4961	226.4	8.7	211.4	690.7	202.3	---
8/03	14:40:00	4960	227.3	8.4	212.3	689.8	202.0	---
8/03	14:45:00	4963	227.2	8.3	212.2	689.5	202.6	---
8/03	14:50:00	4961	226.9	8.4	211.9	689.6	201.9	---
8/03	14:55:00	4960	226.4	8.1	211.4	689.8	201.7	---
8/03	15:00:00	4960	227.3	8.5	212.3	688.6	201.3	6725.4
8/03	15:05:00	4958	226.3	8.1	211.3	688.8	201.5	---
8/03	15:10:00	4963	225.7	7.9	210.7	689.9	202.3	---
8/03	15:15:00	4960	225.9	8.1	210.9	689.6	201.7	---
8/03	15:20:00	4960	226.9	8.1	211.9	688.9	201.8	---
8/03	15:25:00	4962	226.0	8.1	211.0	689.2	202.7	---
8/03	15:30:00	4955	226.4	8.2	211.4	688.9	202.8	---
8/03	15:35:00	4957	225.5	7.6	210.5	689.5	203.1	---
8/03	15:40:00	4956	225.9	8.4	210.9	689.2	202.4	---
8/03	15:45:00	4950	225.1	7.9	210.1	689.2	202.7	---
8/03	15:50:00	4952	225.9	8.2	210.9	688.7	202.0	---
8/03	15:55:00	4953	226.3	8.0	211.3	688.8	202.0	---
8/03	16:00:00	4952	226.7	8.4	211.7	689.6	202.5	7006.7
8/03	16:05:00	4958	226.4	8.0	211.4	689.8	203.0	---
8/03	16:10:00	4949	227.1	8.2	212.1	689.0	202.7	---
8/03	16:15:00	4950	227.5	8.1	212.5	688.4	202.6	---
8/03	16:20:00	4949	226.9	8.2	211.9	688.7	201.9	---
8/03	16:25:00	4949	226.4	7.9	211.4	688.4	201.6	---
8/03	16:30:00	4953	226.2	8.0	211.2	689.4	201.5	---
8/03	16:35:00	4951	227.2	8.1	212.2	688.6	202.2	---
8/03	16:40:00	4954	227.0	7.8	212.0	689.2	203.0	---
8/03	16:45:00	4952	226.2	7.8	211.2	689.4	203.4	---
8/03	16:50:00	4948	226.7	8.4	211.7	688.6	202.7	---
8/03	16:55:00	4950	226.7	7.6	211.7	689.0	203.7	---
8/03	17:00:00	4951	227.5	8.0	212.5	688.0	203.8	7287.5

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
8/03	17:05:00	4951	227.3	7.8	212.3	688.2	204.0	---
8/03	17:10:00	4951	227.3	7.8	212.3	687.1	203.9	---
8/03	17:15:00	4951	227.1	8.0	212.1	687.4	203.3	---
8/03	17:20:00	4949	228.3	7.4	213.3	686.5	203.4	---
8/03	17:25:00	4948	228.7	8.1	213.7	687.5	203.1	---
8/03	17:30:00	4948	228.5	8.0	213.5	687.7	203.8	---
8/03	17:35:00	4949	228.5	8.0	213.5	687.5	203.5	---
8/03	17:40:00	4950	229.1	7.4	214.1	687.8	203.9	---
8/03	17:45:00	4951	229.3	7.6	214.3	687.6	204.1	---
8/03	17:50:00	4952	229.2	8.1	214.2	687.6	203.6	---
8/03	17:55:00	4950	228.8	7.6	213.8	687.9	204.5	---
8/03	18:00:00	4949	228.4	8.1	213.4	687.8	204.5	7568.3
8/03	18:05:00	4950	228.6	8.0	213.6	687.8	203.9	---
8/03	18:10:00	4952	228.6	8.0	213.6	687.3	204.1	---
8/03	18:15:00	4950	228.4	7.8	213.4	687.7	204.5	---
8/03	18:20:00	4953	228.6	8.0	213.6	687.2	204.2	---
8/03	18:25:00	4951	228.4	8.2	213.4	687.1	205.0	---
8/03	18:30:00	4949	228.9	8.0	213.9	677.6	200.5	---
8/03	18:35:00	4950	228.1	8.0	213.1	679.4	182.3	---
8/03	18:40:00	4951	229.0	8.0	214.0	680.9	181.4	---
8/03	18:45:00	4948	227.8	8.0	212.8	683.9	184.9	---
8/03	18:50:00	4953	227.8	8.0	212.8	685.3	189.4	---
8/03	18:55:00	4948	228.2	8.0	213.2	684.7	189.3	---
8/03	19:00:00	4949	228.7	8.0	213.7	684.7	189.5	7850.3
8/03	19:05:00	4948	228.5	8.0	213.5	685.4	189.6	---
8/03	19:10:00	4950	228.5	8.0	213.0	685.0	159.2	---
8/03	19:15:00	4949	228.5	8.0	213.0	685.0	102.5	---
8/03	19:20:00	4949	228.5	8.0	213.0	685.0	104.2	---
8/03	19:25:00	4952	229.0	8.0	213.5	685.0	107.2	---
8/03	19:30:00	4950	229.0	8.0	213.5	685.0	109.5	---
8/03	19:35:00	4948	229.0	10.1	213.5	491.6	151.0	---
8/03	19:40:00	4948	229.5	11.5	214.0	495.8	159.5	---
8/03	19:45:00	4949	229.5	16.0	214.0	477.0	160.8	---
8/03	19:50:00	4951	229.7	12.4	214.7	464.1	167.5	---
8/03	19:55:00	4950	231.2	12.1	216.2	464.8	181.3	---
8/03	20:00:00	4952	231.9	13.3	216.9	461.1	183.9	8132.3
8/03	20:05:00	4950	232.2	12.4	217.2	457.2	183.3	---
8/03	20:10:00	4949	232.8	12.7	217.8	457.5	184.0	---
8/03	20:15:00	4949	232.9	12.7	217.9	458.1	184.2	---
8/03	20:20:00	4950	233.1	12.6	218.1	456.8	183.8	---
8/03	20:25:00	4947	233.5	12.6	218.5	456.8	184.1	---
8/03	20:30:00	4950	233.7	12.4	218.7	457.5	184.2	---
8/03	20:35:00	4946	233.8	12.5	218.8	457.8	184.8	---
8/03	20:40:00	4945	234.3	12.6	219.3	458.4	184.8	---
8/03	20:45:00	4943	234.2	12.4	219.2	458.8	185.1	---
8/03	20:50:00	4941	234.2	12.5	219.2	458.9	186.0	---
8/03	20:55:00	4943	234.7	13.0	219.7	457.0	186.1	---
8/03	21:00:00	4942	235.5	12.5	220.5	455.6	186.0	8415.8
8/03	21:05:00	4941	235.7	12.6	220.7	457.2	185.4	---
8/03	21:10:00	4942	235.9	12.6	220.9	457.9	186.3	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
8/03	21:15:00	4939	236.3	12.7	221.3	458.3	186.3	---
8/03	21:20:00	4940	236.3	12.8	221.3	457.6	186.6	---
8/03	21:25:00	4939	236.8	12.9	221.8	455.8	186.2	---
8/03	21:30:00	4941	236.7	12.6	221.7	455.7	187.2	---
8/03	21:35:00	4851	236.8	14.2	221.8	457.7	190.6	---
8/03	21:40:00	4682	237.7	16.6	222.7	457.4	197.3	---
8/03	21:45:00	4176	240.0	25.1	225.0	456.9	217.6	---
8/03	21:50:00	3778	241.5	31.4	226.5	458.3	233.7	---
8/03	21:55:00	3354	242.9	37.5	227.9	458.3	254.5	---
8/03	22:00:00	3299	244.7	36.6	229.7	458.1	260.3	8759.2
8/03	22:05:00	3290	246.4	35.9	231.4	460.7	263.7	---
8/03	22:10:00	3284	248.1	36.4	233.1	461.0	266.1	---
8/03	22:15:00	3281	249.2	36.2	234.2	461.0	269.8	---
8/03	22:20:00	3278	250.0	36.1	235.0	460.8	275.1	---
8/03	22:25:00	3268	250.5	35.9	235.5	460.6	277.4	---
8/03	22:30:00	3261	251.4	36.0	236.4	460.7	279.3	---
8/03	22:35:00	3253	252.3	36.3	237.3	460.8	280.1	---
8/03	22:40:00	3250	252.8	36.5	237.8	460.7	280.5	---
8/03	22:45:00	3248	252.8	36.3	237.8	460.9	281.7	---
8/03	22:50:00	3239	253.3	36.6	238.3	460.4	284.3	---
8/03	22:55:00	3239	253.2	36.1	238.2	460.5	285.4	---
8/03	23:00:00	3231	253.4	36.4	238.4	459.1	286.6	9237.8
8/03	23:05:00	3227	253.5	36.1	238.5	459.3	287.6	---
8/03	23:10:00	3225	253.6	36.2	238.6	459.3	289.3	---
8/03	23:15:00	3225	253.4	35.9	238.4	459.3	291.4	---
8/03	23:20:00	3228	253.4	35.9	238.4	459.9	292.4	---
8/03	23:25:00	3221	253.7	35.8	238.7	460.4	292.7	---
8/03	23:30:00	3214	253.4	36.2	238.4	460.3	293.3	---
8/03	23:35:00	3213	253.8	23.9	238.8	497.7	291.3	---
8/03	23:40:00	3215	254.7	24.5	239.7	603.2	295.5	---
8/03	23:45:00	3212	253.0	24.5	238.0	601.8	299.3	---
8/03	23:50:00	3208	252.6	25.1	237.6	601.4	299.4	---
8/03	23:55:00	3205	252.9	24.6	237.9	604.9	300.8	---
8/04	0:00:00	3200	252.5	24.7	237.5	603.2	300.7	9714.5
8/04	0:05:00	3198	252.8	24.6	237.8	603.8	300.8	---
8/04	0:10:00	3192	252.7	24.4	237.7	603.1	297.9	---
8/04	0:15:00	3191	252.5	26.4	237.5	602.6	298.3	---
8/04	0:20:00	3185	252.2	25.1	237.2	594.5	298.7	---
8/04	0:25:00	3183	252.1	24.6	237.1	594.2	302.5	---
8/04	0:30:00	3180	251.8	25.3	236.8	595.7	303.7	---
8/04	0:35:00	4474	247.5	11.5	232.5	510.1	263.7	---
8/04	0:40:00	5754	206.9	-2.1	191.9	1.4	104.6	---
8/04	0:45:00	5792	188.6	-2.1	173.6	1.3	104.9	---
8/04	0:50:00	5825	172.9	-2.1	157.9	1.4	104.0	---
8/04	0:55:00	5853	156.6	-2.0	141.6	1.6	101.0	---
8/04	1:00:00	5878	142.7	-2.1	127.7	1.6	96.4	9952.4
8/04	1:05:00	5898	132.0	-2.0	117.0	1.4	91.2	---
8/04	1:10:00	5919	124.0	-2.0	109.0	1.0	86.1	---
8/04	1:15:00	5934	117.9	-2.0	102.9	1.8	79.6	---
8/04	1:20:00	5948	142.6	-2.0	98.2	1.9	74.0	---

EDITED

DATA FROM WAINOCO-GIROUARD #1

DATE (M/D)	TIME (H:M:S)	PROD WELLHEAD PRESS (Psi)	BRINE TEMP (Deg F)	SEP DIFF PRESS (''H2O)	GAS TEMP (Deg F)	SEP STATIC PRESS (Psi)	DISP WELL PRESS (Psi)	CUM BRINE PROD (Bbls)
8/04	1:25:00	5959	138.2	-2.0	94.5	1.2	72.5	---
8/04	1:30:00	5973	134.0	-2.0	91.4	1.7	71.9	---
8/04	1:35:00	5984	129.7	-2.0	88.7	1.7	70.5	---
8/04	1:40:00	5994	126.1	-2.0	86.7	1.5	70.0	---
8/04	1:45:00	6007	122.8	-2.0	85.2	1.8	70.0	---
8/04	1:50:00	6016	119.8	-2.0	84.1	1.3	69.5	---
8/04	1:55:00	6026	117.1	-2.0	83.2	2.0	68.0	---
8/04	2:00:00	6037	114.2	-2.0	82.4	1.8	67.5	9952.4
8/04	2:05:00	6046	111.7	-2.0	81.7	1.8	67.4	---
8/04	2:10:00	6052	109.4	-2.0	81.0	1.9	66.2	---
8/04	2:15:00	6061	106.8	-2.0	80.6	1.8	65.3	---
8/04	2:20:00	6065	104.8	-2.1	80.0	1.2	65.0	---
8/04	2:25:00	6074	103.0	-2.0	79.5	1.2	65.0	---
8/04	2:30:00	6083	101.3	-2.1	79.3	1.4	64.3	---
8/04	2:35:00	6094	99.9	-2.0	78.9	1.5	63.3	---
8/04	2:40:00	6100	98.5	-2.0	78.7	1.4	62.6	---
8/04	2:45:00	6103	97.2	-2.0	78.6	1.2	62.5	---
8/04	2:50:00	6112	95.9	-2.0	78.2	1.1	62.5	---
8/04	2:55:00	6115	95.0	-2.0	78.3	1.1	62.2	---
8/04	3:00:00	6124	94.1	-2.0	78.1	1.4	61.0	9952.4

APPENDIX G

SAMPLE LOG
(Samples Collected by IGT)

DATE	TIME	SAMPLE TYPE	SAMPLING LOCATION	WELLSITE TESTS	TESTS TO BE PERFORMED OFFSITE
7/22	10:58 pm	(5) Liquid	After Separator	pH Conductivity Alkalinity Dissolved Solids Cl^- S^{2-} NH_3	Ions, Elements
7/22	9:16 pm	(1) Gas	After Separator	Gas Analysis	
7/23	11:10 am	(5) Liquid	After Separator	pH Conductivity Alkalinity Dissolved Solids NH_3	
7/23	8:35 am 4:10 pm	(1) Gas (1) Gas	After Separator	Gas Analysis	
7/23	6:30 pm	(5) Liquid	After Separator	pH Conductivity Alkalinity Dissolved Solids CO_3^{2-} S^{2-} NH_3	Ions, Elements
7/28	10:05 am	(1) Liquid	Bottomhole	pH Conductivity Alkalinity CO_3^{2-} NH_3 Gas Analysis	Ions, Elements

SAMPLE LOG
(Samples Collected by IGT)

DATE	TIME	SAMPLE TYPE	SAMPLING LOCATION	WELLSITE TESTS	TESTS TO BE PERFORMED OFFSITE
7/29	11:30 pm	(5) Liquid	After Separator	pH Conductivity Suspended Solids Alkalinity Dissolved Solids $\text{CO}_3^{=}$ SiO_2 Cl^- NH_3	
7/29	11:30 pm	(1) Gas	After Separator	Gas Analysis	
7/30	3:35 pm	(5) Liquid	After Separator	pH Conductivity Suspended Solids Alkalinity Dissolved Solids $\text{CO}_3^{=}$ Cl^- SiO_2 NH_3	Ions, Elements
7/30	3:35 pm	(1) Filter Solids (1) Suspended Solids	After Separator		X-ray
7/30	3:00 pm	(1) Gas (1) Water	After Separator	Gas Analysis	
7/31	2:30 pm	(5) Liquid	After Separator	pH Conductivity Alkalinity Dissolved Solids $\text{CO}_3^{=}$ Cl^-	Ions, Elements
7/31	3:00 pm	(1) Gas	After Separator	Gas Analysis	

SAMPLE LOG
(Samples Collected by IGT)

DATE	TIME	SAMPLE TYPE	SAMPLING LOCATION	WELLSITE TESTS	TESTS TO BE PERFORMED OFFSITE
7/31	2:30 pm 3:35 pm	(1) Dissolved Solids (1) Suspended Solids	After Separator		X-ray
7/31	1:30 pm 5:30 pm	(1) Liquid (1) Liquid	After Separator	Gas Analysis	
8/1		(1) Solid Sediment	At Separator		
8/1	10:00 am 10:00 am	(1) Filter Solids (1) Dissolved Solids	After Separator		X-ray
8/1	9:25 am 9:36 am 11:11 am 12:20 am	(1) Gas (1) Liquid (1) Liquid (1) Liquid	After Separator	Gas Analysis	
8/1	10:00 am	(5) Liquid	After Separator	pH Conductivity Alkalinity Dissolved Solids CO ₃ ⁼ Cl ⁻ NH ₃	Ions, Elements
8/2	4:45 pm	(5) Liquid	After Separator	pH Conductivity Alkalinity Dissolved Solids CO ₃ ⁼ Cl ⁻ NH ₃	

SAMPLE LOG
(Samples Collected by IGT)

DATE	TIME	SAMPLE TYPE	SAMPLING LOCATION	WELLSITE TESTS	TESTS TO BE PERFORMED OFFSITE
8/2	5:36 pm 6:50 pm	(1) Liquid (1) Gas	After Separator	Gas Analysis	
8/3	10:00 am	(5) Liquid	After Separator	pH Conductivity Alkalinity Dissolved Solids NH ₃ Cl ⁻	Ions, Elements
8/3	9:00 am	(1) Liquid	After Separator	Gas Analysis	
8/3	11:30 am	(2) Gas	After Separator		Reserve Sample
8/3	9:00 am	(1) Gas	After Separator	Gas Analysis	
8/3	1:23 pm	(1) Filter Solids	After Separator		X-ray
8/3	2:25 pm 2:30 pm	(1) Liquid (1) Liquid	After Separator		Reserve Sample
8/3	2:25 pm 2:30 pm 9:30 pm 9:25 pm 11:20 pm	(1) Gas (1) Liquid (1) Gas (1) Liquid (1) Gas	After Separator	Gas Analysis	
8/4	12:30 am	(1) Gas	After Separator	Gas Analysis	

SAMPLE LOG
(Samples Collected by IGT)

DATE	TIME	SAMPLE TYPE	SAMPLING LOCATION	WELLSITE TESTS	TESTS TO BE PERFORMED OFFSITE
8/4		Scale	Downstream From Choke		CO ₂ X-ray Cations % Residue-Acid Insoluble
		Scale	Inside valve Housing Downstream from Separator		CO ₂ X-ray Cations % Residue-Acid Insoluble
		Solid	Deposits On Filter Element		CO ₂ X-ray Cations % Residue-Acid Insoluble
8/3		Solid	Deposits From Outside Of Filter Element		Particle Size X-ray
8/4		Scale	Pipe between Choke and Separator		CO ₂ X-ray Cations % Residue-Acid Insoluble
8/4		Scale	Top of Christmas Tree		CO ₂ X-ray Cations % Residue-Acid Insoluble
8/4		Scale	Separator		CO ₂ X-ray Cations % Residue-Acid Insoluble
8/4		Sludge	Bottom of Separator		Particle Size X-ray
		Scale and Sand	Separator		CO ₂ X-ray Cations % Residue-Acid Insoluble
8/7		Sludge			Particle Size X-ray
8/7		Solids From Sand Test	Resulting Sand From 10 lbs. Of Material Acidized		Particle Size X-ray

APPENDIX H

RESERVOIR FLUID ANALYSIS

FOR

INSTITUTE OF GAS TECHNOLOGY

**Wainoco P.R. Girouard Well No. 1
Lafayette Parish, Louisiana**

J. E. Weatherly, Jr.
President

WEATHERLY LABORATORIES, INC.
223 Georgette Lafayette, Louisiana 70506
Phone (318) 232-4877
(318) 232-4604 24 Hours

John D. Neal
Vice President

Petroleum Engineers

August 20, 1980

Institute of Gas Technology
3424 South State Street
Chicago, Illinois 60616

Attention: Dr. Philip L. Randolph

Re: Reservoir Fluid Study
Wainoco
P. R. Girouard Well No. 1
Lafayette Parish, Louisiana

Gentlemen:

The following pages present the results of physical and chemical characteristics of recombined reservoir fluid (water). Separator samples were taken from the subject well on August 1, 1980 (1100 to 1500 hours) by representatives of Weatherly Laboratories, Inc.

Several gas-water ratios were recombined to determine a gas-water ratio-vs-saturation pressure curve. A pressure-volume relation and a differential liberation was then performed on reservoir water that should be saturated at original reservoir conditions.

We appreciate this opportunity to be of service to you. Should there be any questions concerning this report, please contact us.

Very truly yours,

John Neal

2cc: Eaton Operating Co. Inc.
3100 Edloe St. Suite 205
Houston, Texas 77027
Attention: Mr. Don Clark

Lab. No. N-1075

P.R. Girouard No. 1 Geopressure/Geothermal Project
Sampling and Laboratory Procedure

- 1) Water vapor content of separator gas was determined by flowing gas from a metering valve on the separator gas meter run through a weighing tube (indicator Drierite (CaSO_4) weighed to 0.1 milligram) to a G.C.A./Precision Scientific wet test meter. Separator gas samples were taken from the same place into evacuated 1 gallon stainless steel (S.S.) cylinders after thorough purging of transfer line at separator pressure. Separator liquid sample cylinders (500 ml. S.S.) were first charged with separator gas to full separator pressure. The liquid cylinders were then connected to the separator water sampling point by a S.S. tube long enough to loop through a cooling bath. The water transfer line was then slowly and thoroughly purged at the cylinder. Separator water was let into the cylinder by slowly bleeding gas from the top valve. At no time was the water caught in the cylinder allowed to drop below separator pressure.
- 2) Flash liberation of gas from separator water was accomplished by using a weighed separator flask. This separator flask was connected to the outlet of a separator water cylinder by a short capillary line. Gas from the separator flask passed through a weighed drying tube to a Ruska Gasometer. A vacuum valve and a mercury manometer was connected to the gas manifold between the drying tube and the gasometer. Before commencing the flash, the entire flash gas manifold was evacuated and then filled with Helium to atmospheric pressure. A known volume of separator water was pushed out of the sample cylinder at a pressure slightly above field separator pressure by use of a calibrated mercury pump. The volume of stock tank water produced was determined by its weight and density. The volume of dry gas evolved was determined with the gasometer. The gas was charged to a chromatograph for analysis (directly from the Gasometer).
- 3) Physical recombinations of separator effluents:
Dry separator gas was charged into a temperature controlled cell. The volume of this windowed cell is known for any pressure and temperature. The pressure of the gas in the cell was measured with a mercury manometer and a barometer. A volume of separator water was charged into the windowed cell by use of a calibrated mercury pump. The water was metered and measured at a pressure slightly above field separator pressure. Four recombinations were done in order to produce a saturation pressure-vs-gas-water ratio curve. A fifth recombination was done using the extrapolated gas-water ratio which should result in reservoir water saturated at original reservoir conditions.
- 4) Pressure-volume relations of recombined reservoir fluid at reservoir temperature:
Each datum of pressure-volume relations was corrected for mercury calibration, manifold expansion, cell expansion, mercury compressibility and mercury thermal expansion. Liquid volume percent was determined by calibrated cathetometer.

- 5) **Differential liberation of reservoir fluid at reservoir temperature:**
Gas from each pressure decrement of the differential liberation was measured and analyzed in the same manner as described in 2), (flash liberation). Differential liquid volume changes were noted.

Field Data for Weatherly Laboratory Investigation

Well Record

Company	Institute of Gas Technology
Well	Wainoco P.R. Girouard No. 1
Field	Broussard Area
Parish and State	Lafayette, Louisiana

Field Characteristics

Formation Name	
Sand Name or Designation	
Date Completed	
Original Reservoir Pressure	13,142 psia

Well Characteristics

Original Produced Gas-Liquid Ratio	
Perforations Elevations	14,747-14,819 ft.
Total Depth	
Last Reservoir Pressure 6:45 A.M. 7-31-80	11,241 psia
Reservoir Temperature	274 °F

Sampling Conditions

Date Sampled (1100-1500 hrs.)	Aug. 1, 1980
Tubing Pressure, Flowing	
Primary Separator Temperature	240 °F
Primary Separator Pressure	594 psig
Primary Separator Gas Rate	311.4 MCF/day
Separator Liquid Rate	10,040 Bbls/day
Gas-Liquid Ratio (Separator)	31.02 SCF/Bbl.
Shrinkage Factor (vol.S.T.liq@60°F/vol.sep.liq.@594psig&240°F)	0.9544
Gas-Liquid Ratio (Stock Tank)	32.50 SCF/Bbl.
Pressure Base	15.025 psia@60°F

Wainoco P.R. Girouard Well No. 1
Broussard Area
Lafayette Parish, Louisiana

Reservoir Fluid Summary

Reservoir Temperature, °F 274

Saturation Pressure at 274 °F, Psia 13,142

Compressibility of Reservoir Oil at 274 °F

Vol. per Vol. per Psi x 10⁶

From 13,142 Psia to 13,500 Psia
From Psia to Psia

~ 3.1

Saturated Oil at 13,142 Psia, 274 °F

Density, Gms. per Ml.

0.9756 *

Lbs. per Bbl.

341.9 *

Specific Volume, Cu.Ft. per Lb.

0.016419 *

Viscosity, Centipoise

Formation Volume Factor, Bbl. per Bbl.

"Residual Stock Tank Oil" at 60°F

1.0468 *

Solution Gas-Oil Ratio, Cu.Ft. per Bbl.

44.0 dry

"Residual Stock Tank Oil" at 60°F

45.6 incl. water

Reservoir Oil at 10,090 Psia 274 °F

Density, Gms. per Ml.

0.9662

Lbs. per Bbl.

338.6

Specific Volume, Cu.Ft. per Lb.

0.016579

Viscosity, Centipoise

Formation Volume Factor, Bbl. per Bbl.

"Residual Stock Tank Oil" at 60°F

1.0560

Thermal Expansion at Psia, % per °F

Note: References to "oil" above should read "water."

* Extrapolated to original reservoir conditions.

Wainoco P.R. Girouard Well No. 1
 Recombined 37.80 SCF/Bbl. @ Sep. Condition:
 39.61 SCF/Bbl. @ 0 psig & 60°F

COMPOSITE LABORATORY DATA AT 274 °F

PRESSURE, PSIA	PRESSURE VOLUME RELATIONS			OIL VISCOSITY Centipoises	DIFFERENTIAL LIBERATION			
	RELATIVE VOLUME V/V _{sat} Bt	SPECIFIC VOLUME cu. ft. Per Pound	Volume % Liquid		FORMATION VOLUME FACTOR Bo	RELATIVE OIL VOLUME	SOLUTION GAS-OIL RATIO	
							Per Barrel Stock Tank Oil at 60°F	
							Dry	incl. H2O
13500	0.9989	0.016401	100.00		1.0456	0.9989	44.0	45.6
13142B.P.	1.0000	0.016419	100.00		1.0468	1.0000	44.0	45.6
12000	1.0034	0.01647	99.96					
11000	1.0064	0.01652	99.89					
10000	1.0096	0.01658	99.80					
9000	1.0132	0.01664	99.70					
8000	1.0169	0.01670	99.57					
7000	1.0210	0.01676	99.40					
6000	1.0257	0.01684	99.19		1.0643	1.0167	31.7	32.9
5000	1.0315	0.01694	98.92					
4500					1.0674	1.0197	27.7	28.6
4000	1.0395	0.01707	98.60					
3000	1.0522	0.01728	98.20		1.0704	1.0225	22.4	23.0
2000	1.0777	0.01769	97.25					
1500					1.0731	1.0251	15.7	16.2
1000	1.1598	0.01904	92.9					
220	1.9037	0.03126	55					
92	3.8708	0.06355	26					
15								
15*					1.0000	0.9553	0.0	0.0

NOMENCLATURE:

V/V_{sat} is the volume of fluids (oil and gas) at the indicated temperature and pressure relative to the volume of saturated oil at bubble-point pressure and indicated temperature.

B_o is the volume of oil at reservoir temperature and indicated pressure relative to the volume of residual stock tank oil measured at 60°F.

Gas-Oil Ratio, is cubic feet of gas at 15.02 psia at 60°F, per barrel of residual oil at 60°F.

Note: * indicates value measured at 60°F.

** Extrapolated

References to "oil" above should read "water."

COMPOSITE LABORATORY DATA AT 274 °F

PRESSURE, PSIA	PRESSURE VOLUME RELATIONS			OIL VISCOSITY Centipoises	DIFFERENTIAL LIBERATION			
	RELATIVE VOLUME V/Vsat Bt	SPECIFIC VOLUME cu. ft. Per Pound	Volume % Liquid		FORMATION VOLUME FACTOR Bo	RELATIVE OIL VOLUME	SOLUTION GAS-OIL RATIO	
							Per Bbl. Stock Tank Oil at 60°F	Per Bbl. Oil at Reservoir Bubble-Point
11000	0.9972	0.016533	100.00					
10090B.P.	1.0000	0.016579	100.00		1.0560**			
9500	1.0017	0.01661	99.95					
9000	1.0034	0.01664	99.90					
8000	1.0067	0.01669	99.76					
7000	1.0102	0.01675	99.60					
6000	1.0142	0.01681	99.40					
5000	1.0191	0.01690	99.15					
4000	1.0262	0.01701	98.84					
3000	1.0370	0.01719	98.40					
2000	1.0584	0.01755	97.57					
1000	1.1272	0.01869	94.75					
223	1.7421	0.02888	61					
69	5.4664	0.09063	19					

NOMENCLATURE:

V/Vsat. is the volume of fluids (oil and gas) at the indicated temperature and pressure relative to the volume of saturated oil at bubble-point pressure and indicated temperature.

Bo is the volume of oil at reservoir temperature and indicated pressure relative to the volume of residual stock tank oil measured at 60°F.

Gas-Oil Ratio, is cubic feet of gas at ^{15.025} psia at 60°F, per barrel of residual oil at 60°F.

Note: * indicates value measured at 60°F.

** Based on separator water flash.

References to "oil" above should read "water."

COMPOSITE LABORATORY DATA AT 274 °F

PRESSURE, PSIA	PRESSURE VOLUME RELATIONS			OIL VISCOSITY Centipoises	DIFFERENTIAL LIBERATION			
	RELATIVE VOLUME V/V _{sat} Bt	SPECIFIC VOLUME cu. ft. Per Pound	Volume % Liquid		FORMATION VOLUME FACTOR Bo	RELATIVE OIL VOLUME	SOLUTION GAS-OIL RATIO	
							Per Bbl. Stock Tank Oil at 60°F	Per Bbl. Oil at Reservoir Bubble-Point
10009	0.9930	0.016562	100.00					
9010	0.9956	0.016606	100.00					
8008	0.9986	0.016656	100.00					
7550B.P.	1.0000	0.016679	100.00		1.0615 **			
7000	1.0018	0.01671	99.90					
5000	1.0098	0.01684	99.44					
3003	1.0247	0.01709	98.68					
1000	1.0989	0.01833	96.20					
313	1.3987	0.02333	76					

NOMENCLATURE:

V/V_{sat}. is the volume of fluids (oil and gas) at the indicated temperature and pressure relative to the volume of saturated oil at bubble-point pressure and indicated temperature.

Bo is the volume of oil at reservoir temperature and indicated pressure relative to the volume of residual stock tank oil measured at 60°F.

Gas-Oil Ratio, is cubic feet of gas at ^{15.025} psia at 60°F, per barrel of residual oil at 60°F.

Note: * indicates value measured at 60°F.

** Based on separator water flash

References to "oil" above should read "water."

Wainoco P.R. Girouard Well No. 1
 Recombined 15.00 SCF/Bbl. @ Sep. Conditions
 15.71 SCF/Bbl. @ 0 psig & 60°F

COMPOSITE LABORATORY DATA AT 274 °F

PRESSURE, PSIA	PRESSURE VOLUME RELATIONS			OIL VISCOSITY Centipoises	DIFFERENTIAL LIBERATION			
	RELATIVE VOLUME V/V _{sat} Bt	SPECIFIC VOLUME cu. ft. Per Pound	Volume % Liquid		FORMATION VOLUME FACTOR Bo	RELATIVE OIL VOLUME	SOLUTION GAS-OIL RATIO	
							Per Bbl. Stock Tank Oil at 60°F	Per Bbl. Oil at Reservoir Bubble-Point
10001	0.9812	0.016485	100.00					
9010	0.9840	0.016532	100.00					
8008	0.9870	0.016583	100.00					
7011	0.9898	0.016630	100.00					
6007	0.9929	0.016682	100.00					
5000	0.9959	0.016732	100.00					
4009	0.9991	0.016786	100.00					
3780B.P.	1.0000	0.016801	100.00		1.0678 **			
3000	1.0048	0.01688	99.70					
2000	1.0163	0.01708	99.12					
1000	1.0529	0.01769	98.12					
142	1.7244	0.02897	60					

NOMENCLATURE:

V/V_{sat}. is the volume of fluids (oil and gas) at the indicated temperature and pressure relative to the volume of saturated oil at bubble-point pressure and indicated temperature.

Bo is the volume of oil at reservoir temperature and indicated pressure relative to the volume of residual stock tank oil measured at 60°F.

Gas-Oil Ratio, is cubic feet of gas at ^{15.025} psia at 60°F, per barrel of residual oil at 60°F.

Note: * indicates value measured at 60°F.

**Based on separator water flash.

References to "oil" above should read "water."

Wainoco P.R. Girouard Well No. 1
 Recombined 5.00 SCF/Bbl. @ Sep. Conditions
 5.24 SCF/Bbl. @ 0 psia & 60°F

COMPOSITE LABORATORY DATA AT 274 °F

PRESSURE, PSIA	PRESSURE VOLUME RELATIONS			OIL VISCOSITY Centipoises	DIFFERENTIAL LIBERATION			
	RELATIVE VOLUME V/V _{sat} Bt	SPECIFIC VOLUME cu. ft. Per Pound	Volume % Liquid		FORMATION VOLUME FACTOR Bo	RELATIVE OIL VOLUME	SOLUTION GAS-OIL RATIO	
							Per Bbl. Stock Tank Oil at 60°F	Per Bbl. Oil at Reservoir Bubble-Point
10000	0.9744	0.016428	100.00					
8000	0.9801	0.016524	100.00					
6004	0.9860	0.016624	100.00					
4000	0.9922	0.016728	100.00					
2000	0.9988	0.016840	100.00					
1630B.P.	1.0000	0.016860	100.00		1.0700 **			
1000	1.0112	0.01705	99.50					
800	1.0202	0.01720	99.00					
650	1.0307	0.01738	98.00					
371	1.0783	0.01818	93.50					

NOMENCLATURE:

V/V_{sat}. is the volume of fluids (oil and gas) at the indicated temperature and pressure relative to the volume of saturated oil at bubble-point pressure and indicated temperature.

Bo is the volume of oil at reservoir temperature and indicated pressure relative to the volume of residual stock tank oil measured at 60°F.

Gas-Oil Ratio, is cubic feet of gas at ^{15.025} psia and 60°F, per barrel of residual oil at 60°F.

Note: * indicates value measured at 60°F.

** Based on separator water flash.

Effect of Gas-Water Ratio Upon Bubble Point Pressure @ 274°F

Gas-Water Ratio (SCF Sep. Gas @ 15.025 psia & 60°F) (Bbl. Sep. Water @ 594 psig & 240°F)	Bubble Point (PSIA)
37.8 (extrapolated)	13,142 (orig. res.)
31.0 (prod. noon 8-1-80)	10,090
25.0	7,550
15.0	3,780
5.0	1,630

Wainoco P.R. Girouard Well No. 1
 Separator Water
 Sampled: August 1, 1980
 @ 594 psig & 240°F

Separator Water Flash to 0 PSIG & 74°F

Solution Gas-Water Ratio	Shrinkage	S.T. Water Density	Gas Gravity
(SCF Gas @ 15.025 psia & 60°F) (Bbl. Water @ 0 psig & 60°F)	(Vol. S.T. Water@60°F) (Vol.Sep.Water@Sep.Cond.)	(Gm/Ml.) (@60°F)	(Air=1)
4.3 (dry)			0.7432
	0.9544	1.0151	
4.8 (incl. water vapor)			0.7311

32.5 + 4.3 = 36.8 SCF total dry gas/S.T. Bbl. @ 60°F, prod. 8-1-80

39.6 + 4.3 = 43.9 SCF total dry gas/S.T. Bbl. @ 60°F, extrap. to original

Wainoco P.R. Girouard Well No. 1
Separator gas sampled: Noon
August 1, 1980 @ 594 psig & 240°F

Chromatographic Analysis

	Dry	Wet
	<u>Mole %</u>	
Water		0.12
Carbon Dioxide	4.30	4.30
Nitrogen	0.18	0.18
Methane	93.11	92.99
Ethane	1.88	1.88
Propane	0.30	0.30
Iso-Butane	0.12	0.12
N-Butane	0.04	0.04
Iso-Pentane	0.02	0.02
N-Pentane	0.02	0.02
Hexanes	0.00	0.00
Heptanes Plus	0.03	0.03
	<u>100.00</u>	<u>100.00</u>

Gravity (Air=1.0)

0.6123

N-1075

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Wainoco P.R. Girouard Well No. 1
Solution Gas from
Separator Water Flash

Chromatographic Analysis

	Dry	Wet
	Mole %	
Water		10.0
Carbon Dioxide	18.7	16.8
Nitrogen		
Methane	79.8	71.8
Ethane	1.3	1.2
Propane	0.1	0.1
Iso-Butane	0.1	0.1
N-Butane		
Iso-Pentane		
N-Pentane		
Hexanes		
Heptanes Plus		
	<u>100.00</u>	<u>100.00</u>
Gravity (Air=1.0)		0.7311

Wainoco P.R. Girouard Well No. 1
 Solution Gas from 6000 psia
 Sample - Differential Liberation

Chromatographic Analysis

	Dry	Wet
	Mole %	
Water		2.80
Carbon Dioxide	1.56	1.52
Nitrogen	0.26	0.25
Methane	94.55	91.91
Ethane	2.74	2.66
Propane	0.54	0.52
Iso-Butane	0.24	0.23
N-Butane	0.07	0.07
Iso-Pentane	0.02	0.02
N-Pentane	0.02	0.02
Hexanes		
Heptanes Plus	100.00	100.00

Gravity (Air=1.0)

0.5946

Wainoco P.R.Girouard Well No. 1
 Solution gas from 4500 psia
 Sample - Differential Liberation

Chromatographic Analysis

	Dry	Wet
	Mole %	
Water		5.40
Carbon Dioxide	1.58	1.49
Nitrogen	0.25	0.24
Methane	94.76	89.64
Ethane	2.64	2.50
Propane	0.49	0.46
Iso-Butane	0.20	0.19
N-Butane	0.06	0.06
Iso-Pentane	0.01	0.01
N-Pentane	0.01	0.01
Hexanes		
Heptanes Plus		
	<u>100.00</u>	<u>100.00</u>

Gravity (Air=1.0) 0.5935

Wainoco P.R. Girouard Well No. 1
 Solution Gas from 3000 psia
 Sample - Differential Liberation

Chromatographic Analysis

	Dry	Wet
	Mole %	
Water		6.20
Carbon Dioxide	1.57	1.47
Nitrogen	0.23	0.22
Methane	95.30	89.38
Ethane	2.31	2.17
Propane	0.39	0.37
Iso-Butane	0.14	0.13
N-Butane	0.04	0.04
Iso-Pentane	0.01	0.01
N-Pentane	0.01	0.01
Hexanes		
Heptanes Plus		
	<u>100.00</u>	<u>100.00</u>

Gravity (Air=1.0)

0.5902

N-1075

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Wainoco P.R. Girouard Well No. 1
 Solution Gas from 1500 psia
 Sample - Differential Liberation

Chromatographic Analysis

	Dry	Wet
	Mole %	
Water		5.40
Carbon Dioxide	2.11	2.00
Nitrogen	0.20	0.19
Methane	95.49	90.32
Ethane	1.84	1.74
Propane	0.25	0.24
Iso-Butane	0.08	0.08
N-Butane	0.03	0.03
Iso-Pentane		
N-Pentane		
Hexanes		
Heptanes		
	<u>100.00</u>	<u>100.00</u>

Granvity (Air=1.0)

0.5900

Wainoco P.R. Girouard Well No. 1
 Solution Gas from 15 psia
 Sample - Differential Liberation

Chromatographic Analysis

	Dry	Wet
	<u>Mole %</u>	
Water		3.70
Carbon Dioxide	9.57	9.22
Nitrogen	0.10	0.10
Methane	88.84	85.54
Ethane	1.31	1.26
Propane	0.13	0.13
Iso-Butane	0.04	0.04
N-Butane	0.01	0.01
Iso-Pentane		
N-Pentane		
Hexanes		
Heptanes Plus		
	<u>100.00</u>	<u>100.00</u>
Gravity (Air=1.0)		0.6539

N-1075

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Company _____ Well _____
Reservoir _____ Field _____

Effect of Gas-Water Ratio Upon Bubble Point Pressure @ 274°F

Liquid Volume Percent from P-V Relations
of Reservoir Water Recombined to 37.80 SCF/Bbl. Separator Water

Company _____ Well _____
Reservoir _____ Field _____

@ Reservoir Temperature of 274°F

Differential Liberation of Reservoir Water Recombined to 37.80 SCF/Bbl. Separator Water

Company _____ Well _____
Reservoir _____ Field _____

@ Reservoir Temperature of 274°F

APPENDIX I

WAINOCO P.R. GIROUARD WELL NO. 1

EDITED DATA FILE NO.	DATE	TIME	---FLARE GAS RATE---			---BRINE---		SEP VOLUME FACTOR	GAS TO BRINE RATIO (SCF/STB)			---CUMMULATIVE PRODUCTION---				OUTPUT FILE NO.
			WET MCF/D	DRY MCF/D	HYDRO- CARBONS MCF/D	---RATE---	---		FLARE	DISP. WELL	TOTAL	DRY GAS (MCF)	BRINE (STB)	GAS ENERGY MMBTU	THERMAL ENERGY MMBTU	
						TURBINE (BPD)	CORR. (STBPD)									
1	7/22/80	01:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	1
1	7/22/80	02:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	2
1	7/22/80	03:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	3
1	7/22/80	04:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	4
1	7/22/80	05:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	5
1	7/22/80	06:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	6
1	7/22/80	07:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	7
1	7/22/80	08:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	8
1	7/22/80	09:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	9
1	7/22/80	10:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	10
1	7/22/80	11:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	11
1	7/22/80	12:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	12
1	7/22/80	13:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	13
1	7/22/80	14:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	14
1	7/22/80	15:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	15
1	7/22/80	16:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	16
1	7/22/80	17:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	17
1	7/22/80	18:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	18
1	7/22/80	19:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	19
3	7/22/80	20:00	54.7	54.5	51.3	1896.0	1885.0	1.0058	28.93	2.59	31.53	2.5	79	2	0	20
4	7/22/80	21:00	146.8	145.5	136.8	3652.8	3571.2	1.0229	40.75	2.15	42.90	8.9	227	9	2	21
5	7/22/80	22:00	145.1	142.2	133.7	3851.4	3749.5	1.0280	37.93	2.07	40.00	15.1	384	15	6	22
6	7/22/80	23:00	144.1	140.7	132.3	3837.6	3726.9	1.0297	37.75	2.03	39.79	21.3	539	21	9	23
7	7/23/80	00:00	144.2	140.4	132.0	3885.6	3767.1	1.0315	37.27	2.01	39.28	27.5	696	27	13	24
8	7/23/80	01:00	145.4	141.4	132.9	3900.0	3781.0	1.0315	37.39	2.01	39.40	33.7	853	33	17	25
9	7/23/80	02:00	145.5	141.2	132.7	3873.6	3749.1	1.0332	37.66	1.97	39.65	39.9	1010	39	21	26
10	7/23/80	03:00	145.9	141.5	133.0	3864.0	3737.2	1.0339	37.87	1.98	39.85	46.1	1165	45	25	27
11	7/23/80	04:00	145.4	140.8	132.3	3883.2	3751.9	1.0350	37.52	1.97	39.49	52.2	1322	51	30	28
12	7/23/80	05:00	149.0	144.2	135.6	3957.6	3823.8	1.0350	37.72	1.97	39.69	58.6	1481	57	34	29
13	7/23/80	06:00	152.0	147.1	138.3	4044.0	3903.3	1.0360	37.69	1.97	39.65	65.0	1644	63	39	30
14	7/23/80	07:00	151.8	146.9	138.1	4005.6	3863.6	1.0360	38.02	1.96	39.98	71.4	1805	70	44	31
15	7/23/80	08:00	153.8	148.9	139.9	4004.8	3940.0	1.0367	37.70	1.97	39.75	78.0	1969	76	48	32
16	7/23/80	09:00	154.6	149.7	140.7	4116.0	3970.1	1.0367	37.70	1.97	39.67	84.5	2134	82	53	33
17	7/23/80	10:00	156.8	151.5	142.4	4159.2	4011.8	1.0367	37.76	1.97	39.74	91.2	2301	89	58	34
18	7/23/80	11:00	157.2	151.0	142.7	4185.6	4037.3	1.0367	37.59	1.97	39.56	97.8	2470	95	63	35
19	7/23/80	12:00	159.3	153.9	144.7	4214.4	4050.2	1.0385	37.93	1.97	39.92	104.6	2639	102	69	36
20	7/23/80	13:00	159.9	154.3	145.1	4214.4	4050.2	1.0385	38.03	1.98	40.01	111.3	2808	109	74	37
21	7/23/80	14:00	160.9	154.9	145.6	4320.0	4158.4	1.0389	37.25	1.97	39.24	118.1	2981	115	80	38
22	7/23/80	15:00	163.3	157.1	147.7	4315.2	4151.0	1.0396	37.85	2.00	39.85	125.0	3154	122	85	39
23	7/23/80	16:00	163.5	157.2	147.8	4192.8	4030.5	1.0403	37.00	2.00	41.00	131.9	3322	129	91	40
24	7/23/80	17:00	164.3	158.0	148.5	4416.0	4246.5	1.0399	37.20	2.01	39.20	138.9	3499	136	97	41
25	7/23/80	18:00	164.5	158.1	148.6	4346.4	4170.1	1.0403	37.84	2.00	39.84	145.8	3673	142	102	42
26	7/23/80	19:00	165.9	159.4	149.9	4293.6	4127.4	1.0403	38.62	2.00	40.63	152.8	3845	149	108	43
27	7/23/80	20:00	152.1	146.3	137.5	4087.2	3935.5	1.0386	37.17	1.93	39.10	159.2	4009	155	113	44
27	7/23/80	21:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	159.2	4009	155	113	45
27	7/23/80	22:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	159.2	4009	155	113	46
27	7/23/80	23:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	159.2	4009	155	113	47
27	7/24/80	00:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	159.2	4009	155	113	48

WAINOCO P.R. GIROUARD WELL NO. 1

EDITED DATA FILE NO.	DATE	TIME	--- FLARE GAS RATE ---			--- BRINE ---		SEP VOLUME FACTOR	GAS TO BRINE RATIO (SCF/STB)			--- CUMULATIVE PRODUCTION ---				OUTPUT FILE NO.
			WET MCF/D	DRY MCF/D	HYDRO- CARBONS MCF/D	TURBINE (HPD)	CORR. (STBPD)		FLARE	DISP. WELL	TOTAL	DRY GAS (MCF)	BRINE (STB)	GAS ENERGY MMBTU	THERMAL ENERGY MMBTU	
28	7/29/80	01:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	49
28	7/29/80	02:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	50
28	7/29/80	03:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	51
28	7/29/80	04:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	52
28	7/29/80	05:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	53
28	7/29/80	06:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	54
28	7/29/80	07:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	55
28	7/29/80	08:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	56
28	7/29/80	09:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	57
28	7/29/80	10:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	58
28	7/29/80	11:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	59
28	7/29/80	12:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	60
28	7/29/80	13:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	61
28	7/29/80	14:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	62
28	7/29/80	15:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	63
28	7/29/80	16:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	64
28	7/29/80	17:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	65
28	7/29/80	18:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	66
28	7/29/80	19:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	67
28	7/29/80	20:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	68
28	7/29/80	21:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	69
28	7/29/80	22:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	70
40	7/29/80	23:00	223.7	221.0	207.8	6103.2	6016.0	1.0145	36.74	2.26	39.00	9.8	251	10	2	71
52	7/30/80	00:00	277.4	267.2	251.2	7296.0	7046.2	1.0355	37.92	1.91	39.04	21.5	544	21	10	72
61	7/30/80	01:00	275.1	261.5	245.9	7195.2	6913.1	1.0408	37.83	1.80	39.71	32.9	832	32	20	73
76	7/30/80	02:00	274.7	260.1	244.5	7130.4	6040.9	1.0423	38.02	1.89	39.91	44.3	1117	43	30	74
88	7/30/80	03:00	273.6	258.2	242.7	7012.8	6720.4	1.0435	38.41	1.80	40.30	55.6	1397	54	40	75
100	7/30/80	04:00	271.9	256.0	240.7	7051.2	6752.6	1.0442	37.91	1.89	39.80	66.0	1679	65	50	76
125	7/30/80	05:00	270.8	254.5	239.2	7058.4	6755.4	1.0440	37.67	1.89	39.56	77.9	1760	76	61	77
145	7/30/80	06:00	262.2	264.3	248.5	7233.6	6916.7	1.0450	38.22	1.88	40.10	89.5	2248	87	72	78
157	7/30/80	07:00	290.2	271.1	254.9	7416.0	7005.8	1.0466	38.26	1.87	40.13	101.3	2544	99	84	79
169	7/30/80	08:00	292.4	272.4	256.1	7516.8	7177.6	1.0473	37.96	1.88	39.84	113.2	2843	110	96	80
181	7/30/80	09:00	294.5	274.1	257.7	7536.0	7193.7	1.0476	38.11	1.89	39.99	125.2	3142	122	108	81
193	7/30/80	10:00	300.8	280.0	263.3	7692.0	7341.6	1.0477	38.14	1.90	40.04	137.5	3440	134	120	82
205	7/30/80	11:00	306.4	284.9	267.8	7821.6	7462.7	1.0481	38.17	1.91	40.09	149.9	3759	146	133	83
216	7/30/80	12:00	308.4	286.0	268.9	7028.8	7474.2	1.0474	38.26	1.91	40.18	162.4	4071	159	145	84
229	7/30/80	13:00	309.4	286.7	269.6	7855.2	7497.0	1.0478	38.25	1.94	40.19	175.0	4383	171	158	85
239	7/30/80	14:00	313.2	289.6	272.3	7800.0	7440.2	1.0484	38.92	1.92	40.84	187.6	4693	183	171	86
251	7/30/80	15:00	308.7	285.8	268.6	7890.4	7534.6	1.0483	37.93	1.94	39.86	200.2	5007	195	184	87
263	7/30/80	16:00	308.8	285.6	268.5	7072.0	7508.3	1.0484	38.04	1.94	39.98	212.7	5320	208	196	88
275	7/30/80	17:00	309.8	286.0	268.9	7848.0	7483.2	1.0487	38.22	1.92	40.15	225.2	5632	220	209	89
286	7/30/80	18:00	311.0	287.2	270.0	7891.2	7524.4	1.0488	38.17	1.93	40.10	237.8	5945	232	222	90
298	7/30/80	19:00	312.3	288.6	271.4	7922.4	7555.8	1.0495	38.20	1.92	40.12	250.4	6260	244	235	91
310	7/30/80	20:00	317.7	293.1	275.5	8040.0	7665.5	1.0489	38.23	1.91	40.14	263.2	6579	257	249	92
322	7/30/80	21:00	321.4	296.2	278.5	8131.2	7751.4	1.0490	38.22	1.91	40.12	276.2	6902	269	262	93
334	7/30/80	22:00	321.1	296.5	278.8	8157.6	7780.4	1.0485	38.11	1.89	40.01	289.1	7227	282	275	94
346	7/30/80	23:00	322.7	297.3	279.5	8100.8	7806.1	1.0490	38.08	1.90	39.98	302.1	7552	295	289	95
358	7/31/80	00:00	323.8	297.5	279.7	8155.2	7769.2	1.0497	38.29	1.90	40.20	315.2	7876	308	303	96

WAINOCO P.R. GIRQUARD WELL NO. 1

INSTITUTE OF GAS TECHNOLOGY

EDITED DATA FILE NO.	DATE	TIME	---FLARE GAS RATE---			---BRINE---			GAS TO BRINE RATIO			---CUMMULATIVE PRODUCTION---				
			WET MCF/D	DRY MCF/D	HYDRO- CARBONS MCF/D	TURRINE (BPD)	CORR. (STBPD)	SEP VOLUME FACTOR	FLARE (SCF/STB)	DISP. WELL	TOTAL	DRY GAS (MCF)	BRINE (STB)	GAS ENERGY MMBTU	THERMAL ENERGY MMBTU	OUTPUT FILE NO.
370	7/31/80	01:00	323.5	298.0	280.2	8174.4	7786.3	1.0498	40.27	1.70	40.17	328.2	8200	320	316	97
382	7/31/80	02:00	325.1	298.5	280.6	8212.8	7823.0	1.0498	38.15	1.90	40.05	341.2	8526	333	330	98
394	7/31/80	03:00	325.4	298.7	280.8	8294.4	7900.3	1.0499	37.81	1.90	39.71	354.3	8855	346	344	99
406	7/31/80	04:00	326.0	299.3	281.3	8364.0	7966.5	1.0499	37.57	1.90	39.47	367.4	9187	359	358	100
418	7/31/80	05:00	325.5	298.7	280.8	8416.8	8017.0	1.0499	37.26	1.90	39.16	380.5	9521	371	373	101
430	7/31/80	06:00	325.7	298.8	280.9	8457.6	8055.1	1.0500	37.09	1.88	38.97	393.6	9857	384	387	102
442	7/31/80	07:00	271.7	249.3	234.4	6919.2	6596.8	1.0489	37.80	1.87	39.67	404.5	10132	395	398	103
454	7/31/80	08:00	0.0	0.0	0.0	0.0	0.0	1.0236	0.00	0.00	0.00	404.5	10132	395	398	104
466	7/31/80	09:00	0.0	0.0	0.0	0.0	0.0	1.0146	0.00	0.00	0.00	404.5	10132	395	398	105
478	7/31/80	10:00	0.0	0.0	0.0	0.0	0.0	1.0107	0.00	0.00	0.00	404.5	10132	395	398	106
490	7/31/80	11:00	0.0	0.0	0.0	0.0	0.0	1.0085	0.00	0.00	0.00	0.0	0	0	0	107
502	7/31/80	12:00	385.0	373.5	351.1	6259.2	6121.3	1.0225	61.01	3.25	64.26	16.4	255	16	4	108
514	7/31/80	13:00	567.9	536.4	504.2	13408.8	12777.9	1.0494	41.98	3.08	45.06	40.4	787	39	27	109
526	7/31/80	14:00	593.1	556.2	522.8	14997.6	14235.8	1.0535	39.07	3.15	42.22	65.4	1381	64	55	110
538	7/31/80	15:00	547.6	518.6	487.5	12784.8	12174.6	1.0501	42.59	3.49	46.08	88.8	1888	87	78	111
550	7/31/80	16:00	535.3	508.2	477.7	15304.8	14559.3	1.0512	34.90	3.45	38.35	112.1	2495	109	105	112
562	7/31/80	17:00	517.5	490.7	461.3	15261.6	14514.6	1.0515	33.81	3.44	37.25	134.6	3099	131	133	113
574	7/31/80	18:00	511.8	488.0	458.8	10800.0	10292.9	1.0493	47.41	3.41	50.83	156.4	3528	153	151	114
586	7/31/80	19:00	643.0	610.0	573.5	13879.2	13198.8	1.0515	46.22	3.46	49.68	183.7	4078	179	176	115
598	7/31/80	20:00	739.1	699.9	657.9	15235.2	14478.5	1.0523	48.34	3.47	51.81	215.0	4681	210	204	116
610	7/31/80	21:00	690.0	650.2	611.3	15201.6	14431.9	1.0533	45.05	3.00	48.05	243.9	5283	238	232	117
622	7/31/80	22:00	558.7	531.8	499.9	14200.8	13506.8	1.0514	39.37	4.45	43.82	268.5	5846	262	258	118
634	7/31/80	23:00	566.4	543.1	510.5	15012.0	14279.9	1.0513	38.03	4.44	42.48	293.8	6441	287	286	119
646	8/01/80	00:00	588.1	563.7	529.9	15028.8	14293.8	1.0514	39.43	4.44	43.87	319.9	7036	312	314	120
658	8/01/80	01:00	694.4	664.8	625.0	12252.0	11654.3	1.0513	57.05	4.20	61.25	349.7	7522	341	336	121
670	8/01/80	02:00	484.6	466.0	438.1	9820.8	9362.4	1.0490	49.77	4.29	54.06	370.7	7912	362	353	122
679	8/01/80	03:00	322.6	310.7	292.1	9885.6	9429.1	1.0484	32.95	4.28	37.23	385.4	8305	376	370	123
688	8/01/80	04:00	314.3	302.8	284.6	9907.2	9451.3	1.0482	32.03	4.28	36.32	399.7	8698	390	387	124
700	8/01/80	05:00	320.6	308.8	290.3	9945.6	9487.0	1.0483	32.55	4.29	36.84	414.2	9094	404	405	125
712	8/01/80	06:00	318.4	306.7	288.3	9962.4	9491.0	1.0497	32.31	4.30	36.61	428.7	9489	418	422	126
724	8/01/80	07:00	322.1	310.2	291.6	9988.8	9515.6	1.0497	32.60	4.30	36.90	443.3	9886	433	440	127
736	8/01/80	08:00	318.7	306.7	288.4	10015.2	9538.7	1.0500	32.16	4.31	36.47	457.8	10283	447	458	128
748	8/01/80	09:00	325.9	314.0	295.2	10024.8	9551.2	1.0496	32.87	4.31	37.18	472.6	10681	461	476	129
760	8/01/80	10:00	396.3	381.5	358.7	10034.4	9555.7	1.0501	39.93	4.32	44.25	490.3	11079	478	493	130
772	8/01/80	11:00	384.2	369.6	347.5	10029.6	9547.3	1.0505	38.71	4.24	42.95	507.3	11477	495	512	131
784	8/01/80	12:00	331.4	318.5	299.5	10056.0	9572.9	1.0505	33.28	4.25	37.53	522.3	11876	510	530	132
796	8/01/80	13:00	331.9	319.1	300.0	9588.0	9127.8	1.0504	34.96	4.26	39.21	537.2	12256	524	547	133
808	8/01/80	14:00	330.8	318.1	299.0	10545.6	10040.5	1.0503	31.68	4.26	35.94	552.3	12675	539	566	134
820	8/01/80	15:00	334.5	321.7	302.5	10027.2	9548.0	1.0502	33.70	4.26	37.96	567.4	13072	554	584	135
832	8/01/80	16:00	300.9	288.1	270.9	8229.6	7814.0	1.0532	36.87	3.9	37.26	579.5	13398	565	598	136
832	8/01/80	17:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	579.5	13398	565	598	137
832	8/01/80	18:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	579.5	13398	565	598	138
832	8/01/80	19:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	579.5	13398	565	598	139
832	8/01/80	20:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	579.5	13398	565	598	140
832	8/01/80	21:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	579.5	13398	565	598	141
832	8/01/80	22:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	579.5	13398	565	598	142
832	8/01/80	23:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	579.5	13398	565	598	143
832	8/02/80	00:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	579.5	13398	565	598	144

WAINOCO P.R. GIROUARD WELL NO. 1

I N S T I T U T E
O F
G A S
T E C H N O L O G Y

EDITED DATA FILE NO.	DATE	TIME	---FLARE GAS RATE---		HYDRO- CARBONS MCF/D	-----BRINE-----		SFP VOLUME FACTOR	GAS TO BRINE RATIO (SCF/STB)			-----CUMMULATIVE PRODUCTION-----				OUTPUT FILE NO.
			WET MCF/D	DRY MCF/D		---RATE---	TURBINE (BPD)		CORR. (STBPD)	FLARE	DISP. WELL	TOTAL	DRY GAS (MCF)	BRINE (STB)	GAS ENERGY MMBTU	
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833	8/02/80	01:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	145
833	8/02/80	02:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	146
833	8/02/80	03:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	147
833	8/02/80	04:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	148
833	8/02/80	05:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	149
833	8/02/80	06:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	150
833	8/02/80	07:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	151
833	8/02/80	08:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	152
833	8/02/80	09:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	153
833	8/02/80	10:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	154
833	8/02/80	11:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	155
833	8/02/80	12:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	156
833	8/02/80	13:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	157
833	8/02/80	14:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	158
833	8/02/80	15:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	0.0	0	0	0	159
842	8/02/80	16:00	167.1	165.7	155.8	3597.6	3566.1	1.0088	46.40	4.08	50.55	7.5	149	7	6	160
854	8/02/80	17:00	348.7	342.6	322.0	6170.4	5998.5	1.0287	57.11	4.76	61.87	23.0	399	22	6	161
866	8/02/80	18:00	264.1	258.8	243.3	6984.0	6739.1	1.0363	38.41	3.82	42.23	34.8	679	34	15	162
878	8/02/80	19:00	242.7	236.9	222.7	6972.0	6708.6	1.0393	35.31	3.87	39.18	45.8	959	45	24	163
890	8/02/80	20:00	244.4	238.1	223.8	7008.0	6732.2	1.0410	35.36	3.85	39.22	56.8	1239	55	34	164
902	8/02/80	21:00	245.5	238.6	224.3	6981.6	6697.1	1.0425	35.62	3.84	39.46	67.8	1518	66	45	165
914	8/02/80	22:00	245.0	237.8	223.6	6957.6	6670.0	1.0431	35.66	3.84	39.50	78.8	1796	77	55	166
926	8/02/80	23:00	243.6	236.2	222.1	6938.4	6647.1	1.0438	35.54	3.84	39.38	89.7	2073	88	66	167
938	8/03/80	00:00	245.7	238.3	224.0	6924.0	6633.7	1.0438	35.92	3.85	39.77	100.7	2350	98	76	168
950	8/03/80	01:00	245.5	237.7	223.4	6912.0	6615.3	1.0449	35.92	3.85	39.78	111.6	2625	109	87	169
962	8/03/80	02:00	243.8	236.0	221.8	6900.0	6604.1	1.0448	35.73	3.85	39.58	122.5	2900	120	98	170
974	8/03/80	03:00	243.3	235.3	221.2	6890.4	6592.3	1.0452	35.70	3.85	39.55	133.4	3175	130	109	171
986	8/03/80	04:00	242.7	234.7	220.7	6883.2	6585.0	1.0453	35.65	3.85	39.50	144.2	3450	141	120	172
998	8/03/80	05:00	242.6	234.6	220.6	6876.0	6577.5	1.0454	35.67	3.85	39.52	155.1	3724	151	131	173
999	8/03/80	06:00	242.0	234.1	220.1	6871.2	6574.2	1.0452	35.61	3.85	39.45	165.9	3998	162	142	174
1001	8/03/80	07:00	241.3	233.5	219.5	6861.6	6565.8	1.0451	35.57	3.85	39.42	176.7	4271	172	153	175
1003	8/03/80	08:00	243.7	235.8	221.6	6856.8	6560.2	1.0452	35.94	3.83	39.77	187.5	4544	183	164	176
1005	8/03/80	09:00	252.9	242.1	227.6	6856.8	6553.8	1.0462	36.94	2.92	39.86	198.4	4818	194	174	177
1007	8/03/80	10:00	252.0	241.2	226.7	6837.6	6537.6	1.0459	36.89	2.92	39.81	209.3	5090	204	185	178
1009	8/03/80	11:00	249.5	239.3	225.0	6840.0	6545.5	1.0450	36.56	2.92	39.49	220.0	5363	215	196	179
1011	8/03/80	12:00	250.0	239.7	225.4	6844.8	6550.1	1.0450	36.60	2.92	39.52	230.8	5636	225	206	180
1013	8/03/80	13:00	251.6	241.2	226.7	6818.4	6522.7	1.0453	36.97	2.93	39.90	241.7	5907	236	217	181
1015	8/03/80	14:00	235.7	228.6	214.9	6871.2	6591.0	1.0425	34.68	4.86	39.53	252.5	6102	246	227	182
1026	8/03/80	15:00	237.9	232.5	218.6	6756.0	6484.2	1.0419	35.85	4.85	40.71	263.5	6452	257	238	183
1038	8/03/80	16:00	237.0	231.7	217.8	6751.2	6482.1	1.0415	35.75	4.86	40.61	274.5	6722	268	248	184
1050	8/03/80	17:00	235.5	230.2	216.4	6739.2	6468.8	1.0418	35.59	4.85	40.44	285.4	6992	278	258	185
1062	8/03/80	18:00	232.7	227.3	213.6	6739.2	6465.4	1.0423	35.15	4.85	40.00	296.1	7261	289	268	186
1074	8/03/80	19:00	234.5	229.0	215.3	6768.0	6492.8	1.0424	35.27	4.83	40.10	307.0	7532	300	278	187
1086	8/03/80	20:00	239.4	232.6	218.6	6768.0	6481.7	1.0442	35.88	3.36	39.24	317.6	7802	310	289	188
1098	8/03/80	21:00	239.6	230.5	216.7	6804.0	6506.4	1.0457	35.43	3.33	38.75	328.1	8073	320	299	189
1110	8/03/80	22:00	291.4	279.4	262.7	8241.6	7068.6	1.0474	35.51	3.35	38.86	340.8	8401	333	313	190
1122	8/03/80	23:00	402.3	382.1	359.3	11486.4	10919.2	1.0519	35.00	3.40	38.39	350.3	8856	350	334	191
1134	8/04/80	00:00	386.1	368.0	345.9	11440.8	10878.3	1.0517	33.82	4.39	38.22	375.6	9309	367	355	192

EDITED DATA FILE NO.	DATE	TIME	---FLARE GAS RATE---			-----BRINE-----		SEP VOLUME FACTOR	GAS TO BRINE RATIO (SCF/STB)			-----CUMMULATIVE PRODUCTION-----				OUTPUT FILE NO.
			WET MCF/D	DRY MCF/D	HYDRO- CARBONS MCF/D	-----RATE----- TURBINE (BPD)	CORR. (STBPD)		FLARE	DISP. WELL	TOTAL	DRY GAS (MCF)	BRINE (STB)	GAS ENERGY MMBTU	THERMAL ENERGY MMBTU	
1146	8/04/80	01:00	210.4	201.8	189.7	5709.6	5472.4	1.0433	36.38	.12	37.00	384.1	9537	375	363	193
1158	8/04/80	02:00	0.0	0.0	0.0	0.0	0.0	1.0113	0.00	0.00	0.00	384.1	9537	375	363	194
1170	8/04/80	03:00	0.0	0.0	0.0	0.0	0.0	1.0042	0.00	0.00	0.00	384.1	9537	375	363	195
1170	8/04/80	04:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	196
1170	8/04/80	05:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	197
1170	8/04/80	06:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	198
1170	8/04/80	07:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	199
1170	8/04/80	08:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	200
1170	8/04/80	09:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	201
1170	8/04/80	10:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	202
1170	8/04/80	11:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	203
1170	8/04/80	12:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	204
1170	8/04/80	13:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	205
1170	8/04/80	14:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	206
1170	8/04/80	15:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	207
1170	8/04/80	16:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	208
1170	8/04/80	17:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	209
1170	8/04/80	18:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	210
1170	8/04/80	19:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	211
1170	8/04/80	20:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	212
1170	8/04/80	21:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	213
1170	8/04/80	22:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	214
1170	8/04/80	23:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	215
1170	8/05/80	00:00	0.0	0.0	0.0	0.0	0.0	1.0000	0.00	0.00	0.00	384.1	9537	375	363	216

APPENDIX J

Chemical Analysis

A. Collection

Samples will be collected from the flow line between the well-head and the choke at the tap provided for this purpose. Samples will also be taken from taps on the separator which will give the brine and gas phases separately. The sample containers to be used are teflon lined stainless steel flow through bottles with either 75 or 300 cc capacity. The samples will be collected by allowing several container volumes to first flow through to purge the air from the bottle and obtain a representative sample of the brine or gas before the valves are closed to trap the sample. All of the cylinders used will be thoroughly cleaned with an organic solvent such as petroleum ether and inspected and tested for leaks prior to use.

Some brine samples will be collected and saved in plastic containers which have been first cleaned with HCl and rinsed at least 4 times with deionized water. Brine collected in these containers will first be passed through a loose plug of glass wool to reduce or remove oily matter. These brine samples will then be treated and tested according to the following categories:

Treatment

RU (Raw, Untreated)

RA (Raw, Acidified)

3 ml 1:1 HNO₃/liter

Tests

PH, T, HCO₃⁻, CO₃⁼, S⁼

Specific Conductance,

Suspended Solids

Radioactivity

Treatment

Tests

FU (Filtered Untreated)

Dissolved Solids

Filter Through .45 uM

Cl^- , SiO_2 , B

Membrane

F^- , NH_3

FA- HNO_3 (Filtered HNO_3

Note amount of acid used.

Acidified) Filter Through

Cu, As, Cr, Pb, Cl^- ,

.45 uM Membrane Add 1:1

Mn, Fe, Cd, Zn

HNO_3 Until pH of ~1.5 is

reached

FA-HCl (Filtered, HCl

Ba, Sr, Na, K, Ca,

Acidified) Filter Through

Mg, $\text{SO}_4^{=}$

.45 uM Membrane Add 1:1

HCl Until pH of 3.0 is

reached

B. Test Procedures For Liquid Samples

1. pH

Use a pH meter with automatic compensation. Calibrate the pH meter with buffers of pH=7.0 and pH=4.0. Measure the pH of the water sample as soon as possible after collection. Do not stir the sample. The readings of some samples drift downscale when the electrodes are inserted in the sample,

then drift upscale as the CO_2 is exsolved from solution. Report the lowest reading. A stable pH reading will not be available until all of the CO_2 has been removed from the sample and the stable reading is not the true pH of the original sample.

2. Temperature

Measure the temperature of the water at the collection point as the sample is being collected for the pH determination.

3. Specific Conductance

Use a commercial instrument that has been calibrated with KCl at various temperatures to read specific conductance. Report specific conductance in $\mu\text{mhos/cm}$ or $\mu\text{S/cm}$ (microsiemens/cm) at 25°C .

4. Suspended Solids

Weigh a piece of 0.45 μm membrane filter, then filter a measured volume of sample through the membrane. Dry the filter at 110°C and report suspended solids in mg/l . Save the material for possible x-ray diffraction or emission spectrographic analysis.

5. Carbonate and Bicarbonate (Alkalinity)

Pipet 50.00 mL of the sample into a 250 ml beaker. Place the electrodes of a calibrated pH meter into the sample and titrate with 0.02 N H_2SO_4 . Add the standard acid in increments of 1-2 ml at the beginning of the titration and change the

increments to 0.25-0.5 ml at pH=5.0. The incremental volumes should be determined by the actual titration and the speed with which the pH is changing. Titrate the solution until the pH is 2.0. Tabulate values of pH and ml and determine the end point graphically from a plot of pH vs. ml. Report alkalinity as $\text{mg HCO}_3^-/\text{l}$. This procedure determines the total alkalinity, including the portion attributable to organic anions.

To determine the amount of alkalinity due to carbonate type species, use the following procedures: Loss of carbon dioxide may be obtained by using an alkalimeter (unit-weight model). The sample and acid are weighed, the stop-cock is opened to admit the H_2SO_4 to the sample, the mixture is boiled gently, and the sample is weighed again. The loss in weight is the amount of carbon dioxide. See Gas Chemists Handbook, 3rd ed., page 634 or Spencer's Cane Sugar Handbook, 8th ed., page 664.

6. Chloride

Pipet 1.00 ml of the sample (FU for on-site analysis immediately after collection of FA- HNO_3 for later analysis) into a 125 ml Erlenmeyer flask and dilute to approximately 50 ml. Add 10 drops of K_2CrO_4 indicator solution (5 g $\text{K}_2\text{CrO}_4/100$ ml deionized water) and titrate with 0.1 N AgNO_3 or equivalent

until the end point persists. Report as mg Cl^- /l.

7. Silica

Silica may be determined directly from FU samples on-site if the determination is made soon after collection. Some precipitation of silica may occur if too much time elapses between collection and analysis. To prevent precipitation of silica, collect two FU samples diluted 1:1 and 1:4 with distilled water. The amount of silica should be determined in both dilutions; agreement between the two dilutions is evidence that no precipitation of silica occurred.

Volumes in the following procedure are based on the determination of silica in the undiluted FU samples. Some adjustments must be made for the determination in the diluted samples.

- a. Pipet 1.00 ml of sample into a beaker. Add 10 ml of deionized water.
- b. pipet 1.00 ml of each standard into a beaker. Add 10 ml of NaCl solution (same concentration as sample) to each beaker containing standards.
- c. Prepare a blank by adding 11.00 ml of NaCl solution in a beaker.
- d. Pipet into each of the beakers in steps 1-3:
 1. 5.00 ml. of 1.0 N HCl
 2. 5.00 ml of Na_2EDTA solution (10 g/l)

3. 5.00 ml of ammonium molybdate solution (52 g $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$ in deionized water, adjust pH to 7-8 with 10 M NaOH, dilute to 1 L with deionized water. Filter through 0.45 μm membrane filter if necessary.
- e. Wait 5 minutes and add 500 ml of $\text{H}_2\text{C}_4\text{H}_4\text{O}_6$ (tartaric acid) solution (100 g/l) to each beaker. Mix.
- f. Wait 2 minutes and add 10.00 ml of Na_2SO_3 solution (170 g/l) to each beaker. Mix.
- g. Wait 30 minutes and read the absorbance of the contents of each beaker at 700 nm in 1 cm. Use the blank as a reference.
- h. Plot the data and graphically determine the SiO_2 concentration.
- i. Report mg SiO_2 /l.

8. Dissolved Solids

Pipet a volume of sample containing <200 mg dissolved solids into a pre-weighed container. Evaporate the liquid over a steam bath or in an oven ($\sim 80^\circ\text{C}$), then dry at 180°C for two hours or until constant weight is obtained. Report dissolved solids as mg dissolved solids/l.

Alternatively, the dissolved solids content may be calculated by adding the concentrations found for the cations and anions. Convert (HCO_3^-) to (CO_3^{2-}) for this calculation.

9. Boron

Pipet 2.00 ml of sample into a 30 ml Teflon (or plastic but not glass) beaker. Prepare a blank by pipetting 1.8 ml of deionized water into a Teflon beaker. Prepare standard boron solutions of 0.01 and 0.025 mg B/l. To blank and standard solutions, add 0.2 ml of silica standard (same concentration as sample). Adjust the volume of the standards of 2.00 ml. To blank, standards, and samples, add two drops of concentrated HCl and two drops of concentrated H_2SO_4 . Allow to cool, add 10.00 ml carmine solution (0.5 g carmine/liter of concentrated H_2SO_4) to blank, standards, and sample. Allow to stand for 1 hour. Set spectrophotometer to 600 nm. Use a 1 inch cell and read the absorbance of each sample with the blank as a reference. Determine boron graphically and report as mg B/l.

10. Sulfide

Collect a separate sample for this determination. Filter a sample through glass wool if the solution is turbid. Use a specific ion electrode and follow the manufacturer's instructions.

11. Flouride

Use a specific ion electrode and follow the manufacturer's instructions.

12. Iron

Determine directly by atomic absorption spectrometry.

13. Barium

Measure with atomic absorption.

14. Sulfate

Prepare a chromatographic column as follows: Wash 80-200 mesh chromatographic grade alumina with deionized water. Allow alumina to settle, decant the supernatant liquid, and repeat the washing procedure until the supernatant liquid is clear. Transfer the alumina to a chromatographic column, wash with 50 ml of 1 M ammonium hydroxide, several 5 ml portions of 0.1 M ammonium hydroxide, and 50 ml of deionized water. Wash with 10 ml of 1 M HCl for the final wash.

Acidify the sample with 30% HCl to pH=0.5-1.0. Run the sample through the previously prepared chromatographic column, wash with 10 ml of 1 M HCl followed with a total of 25 ml of deionized water added in several portions. Elute the sulfate from the column by adding 5 mL of 1 M ammonium hydroxide followed by 20 mL of 0.1 M ammonium hydroxide. Add an additional 20 mL of 0.1 M ammonium hydroxide in 5 mL portions. Wash with 25 mL of deionized water. Do not allow the column to become dry.

Neutralize the eluted sample with dilute HCl and add 1 ml dilute HCl in excess, then dilute to approximately 200 ml with deionized water. Treat with 0.25 M BaCl₂ solution. Digest the precipitate for two hours, cool, filter, ash the paper, and heat in a muffle furnace (1000°C) until constant weight is attained. Report as mg SO₄⁼/l.

15. Strontium

Determine directly by atomic absorption spectrometry. Use 1.00 ml of a La₂O₃-KCl mixture (117.3 g La₂O₃ dissolved in minimum amount of dilute HCl + 19.1 g KCl and add deionized water to 1000 ml) for each 10.00 ml sample or standard.

Report as mg Sr/l.

16. Sodium

Determine directly by flame emission or atomic absorption spectrometry. Add ~1000 mg K/l to swamp potassium interference.

17. Potassium

Determine directly by flame emission or atomic absorption spectrometry. Swamp sodium interference by making the standards with 2000 mg Na/l. This may be done by adding 40 ml of a NaCl solution (5000 mg NaCl/l) to each 100 ml K standard. Alternatively, use the actual concentration found in the samples for the potassium standards.

18. Calcium

Determine directly by atomic absorption spectrometry. Use 1.00 ml of La_2O_3 dissolved in small portions in 250 ml concentrated HCl (CAUTION) and diluted to 500 ml with deionized water) for each 10.00 ml sample or standard. Report as mg Ca/l.

19. Cadmium

Determine directly by atomic absorption spectrometry. Report as mg Cd/l.

20. Magnesium

See calcium determination. Report as mg Mg/l.

21. Ammonia

Collect a separate sample for this determination. Follow manufacturer's directions for specific ion electrode.

Report as mg NH_3 /l.

22. Zinc

Determine directly by atomic absorption spectrometry. Report as mg Zn/l.

23. Manganese

Trace amounts of manganese may be determined by atomic absorption spectrometry following an extraction procedure.

24. Arsenic

Arsenic may be determined by atomic absorption spectrometry after converting the metal to arsine. Care should be exercised

to prevent the absorption of radiation at the arsenic wavelengths by organic vapors.

25. Copper, Chromium, and/or Lead

Pipet a 100.00 ml sample into a 250 ml volumetric flask. Prepare a blank similarly and a standard containing 0.1 mg M^{++} /L in the extracted medium. Add two drops of bromphenol blue solution (0.1 g bromphenol blue dissolved in 100 ml of 50 percent ethanol) to each flask. Adjust the pH by adding 2.5 M NaOH (10 g NaOH in 1 L solution) dropwise until the blue color persists, then add 0.23 M HCl (25 ml concentrated HCl in deionized water and diluted to 1 l) until the blue color just disappears. Add 2.00 mL of 0.3 M HCl in excess. Add 5.00 mL of APDC solution (1 g ammonium pyrrolidine dithiocarbamate in deionized water diluted to 100 ml. Prepare fresh daily) and mix. Add 10.00 ml MIBK (methyl isobutyl ketone) and shake the flask and contents for three minutes. Allow the layers to separate and add deionized water until the MIBK layer is in the neck of the flask. Cu, Cr, and/or Pb will be determined on the MIBK extract by atomic absorption spectrometry.

26. Mercury

Mercury may be determined by flameless atomic absorption spectrometry.

27. Radioactivity

Samples to be submitted to the USGS for measurements of gross alpha, gross beta and gross gamma.

28. X-Ray Diffraction

The suspended solids collected on the filter should be subjected to x-ray diffraction techniques such that clays and minerals will be identified. A semi-quantitative determination of each material identified is desirable.

C. Test Procedures for Gas Samples

1. Standard Hydrocarbons

Use a gas chromatograph to determine $C_1 - C_6$ and C_{6+} . The standard analysis usually determines CO_2 , N_2 and O_2 simultaneously. Report as mole percent of each element or compound.

2. Hydrogen, Ammonia, Hydrogen Sulfide, Helium

These gases should be determined by standard gas chromatography. Use the proper column, carrier gas, etc. to obtain the correct determination. Report as mole percent of each element or compound. Ammonia and H_2S will be estimated on-site using Draeger apparatus.

3. Radon-222

Evacuate the alpha counting chamber and admit a known amount of gas sample into the chamber. Count the Rn-222 and report as $pCi^{222}Rn/l$. This measurement will be made by USGS with gas samples provided by IGT.

4. Mass Spectrometry

Subject a gas sample to mass spectrometry (from Z-1 to Z-400 and report the gases present. This determination is to be made on one sample only.)

D. On-Site Laboratory

The following determinations must be made at an on-site laboratory before precipitation occurs in the sample (within 30 minutes of the time the sample is collected): pH, T, specific conductance, dissolved solids (gravimetric), suspended solids, HCO_3^- , $\text{CO}_3^{=}$, Cl^- (FU samples), $\text{S}^{=}$, NH_3 , SiO_2 (FU samples not diluted). Other determinations will be made later and in IGT's Chicago lab facilities SiO_2 to be determined later, dilute one FU sample 1:1 with deionized water and dilute another FU sample 1:4 with deionized water. Determine SiO_2 on both samples. Collect separate samples for $\text{S}^{=}$ and NH_3 . Gas analyses for $\text{C}_1\text{-C}_6$ hydrocarbons and CO_2 will be performed on-site using a gas chromatograph containing a thermal conductivity detector. CO_2 and H_2S will be estimated on-site using a Draeger apparatus.

Produced gas/water ratios will be calculated on-site using values of meter output corrected for actual composition of flow streams. Gas flows will be corrected for $\text{C}_1\text{-C}_6$, CO_2 and H_2O content. Liquid flows will be corrected for gas content determined by on-site flashing plus analysis of liberated gas.

E. Sampling Schedule

1. When the test schedule is known, advance phone calls will be made to the following organizations to alert them should they desire to take their own samples.

- McNeese State University
- USGS - Menlo Park & Bay St. Louis
- Univeristy of Texas
- L.S.U.

All third party sampling must be approved and supervised by the Eaton Engineer in charge to insure proper safety and operational procedures. IGT will maintain a log of such samples and maintain contact for companies of lab results, resolution of any discrepancies and supporting of results obtained by third parties.

2. When the well has flowed 2400 BPD for several hours after bottoms up (step 2 of operating procedure), brine and gas samples will be collected. Wellhead pressure samples will be flashed to atmospheric pressure at location for gas/water ratio determination. Two samples each of brine and gas will be taken at separator pressure for laboratory analysis. In addition, raw and acidified brine samples will be collected from separator outputs at atmospheric pressure using procedure described above. Samples for radioactivity analysis will be provided to the USGS.

3. During the 96 hour build up, surface lines will be examined for scale formation and examples of any scale found will be shipped to IGT for analysis.
4. Two bottom hole samples will be taken with Gearhart Owen samplers at end of build up period. A few barrels of brine will be flowed so that the samples are fresh reservoir brine. Filled samplers will be transported to IGT, by IGT, for analysis.
5. During the stepwise increase in flow rate, sample collection and analysis at each rate will be as follows:
 - At least twice daily, collect wellhead pressure samples and flash to determine gas/H₂O ratio until it is clear that consistent and more accurate data is being obtained from corrected gas and liquid flow meter readings.
 - Perform daily on-site analyses of samples from the separator using procedures previously described.
 - On the first, third and fifth day at each flow rate, collect samples from the separator gas and liquid output for subsequent lab analysis using procedures previously described.
6. During the last day of flow through the separator, additional separator pressure gas and liquid samples will be collected to be retained for up to one year for future analyses to

resolve unanticipated issues. A few gallons of raw and acidified brine will also be stored at atmospheric pressure.

7. During disassembly of the testing equipment, it will be examined for any evidence of scale or corrosion. Observations will be documented and samples of any scale found will be shipped to IGT for analysis.

APPENDIX K

GEOTHERMAL FIELD TEST DATA

PAGE 1

DATE JULY 15, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE

COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERM. SAND

TUBING SIZE SET # PACKER # CASING SIZE SET # T.D. ORIFICE METER (1st X)

DATE	TIME	WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
		CHOKE SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	READING	CALC. SAND	CDRS COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
											DIFF.	PRESS.	TEMP.								
7/15	1255	SI	6712			PRESSURED	UP TREE AND DEAD WEIGHT	(ORIGINAL SURFACE PRESSURE)													
7/15	1400	SI	6709																		
7/15	1403	ADJ. 16/64				OPEN WELL ON BY-PASS TO PIT FOR CLEAN UP															
7/15	1430	16/64	6002			OPEN CHOKE TO 24/64 ADJ.															
7/15	1500	24/64	4584																		
7/15	1510	24/64		900		bled down casing to 500#															
7/15	1530	24/64	4491																		
7/15	1600	24/64	4426			SHUT WELL IN FOR BUILD UP															
7/15	1630	SI	6413			SHUT WELL IN FOR BUILD UP															
7/15	1700	SI	6448			SHUT WELL IN FOR BUILD UP (CORROSION COUPONS SERIAL #1974 IN DATA HEADER)															
7/15	1730	SI	6463			SHUT WELL IN FOR BUILD UP															
7/15	1800	SI	6482			SHUT WELL IN FOR BUILD UP															
7/15	1830	SI	6492			SHUT WELL IN FOR BUILD UP															
7/15	1900	SI	6506			SHUT WELL IN FOR BUILD UP															
7/15	1930	SI	6516			SHUT WELL IN FOR BUILD UP

CEG, NORMAL
FIELD TEST DATA

PAGE 2
DATE JULY 15, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET @ PACKER CASING SIZE SET @ T.D. ORIFICE METER (1st X

[illegible]

GEOTHERMAL FIELD TEST DATA

PAGE 3
DATE JULY 22-23, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET @ PACKER @ CASING SIZE SET @ T.D. ORIFICE METER (1st 1.939 X .500)

		WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHOKE SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	S.D. READING	CALC. SAND	CORR. COUP	ORIFICE READING			VOLUME CU.FT./DAY	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM ON SP. G.	GAS WATER RATIO
											DIFF.	PRESS.	TEMP.								
7/22	1900	SI	6684		SHUT IN																
7/22	1935	ADJ.			OPEN WELL	ON ADJ	CHOKE -	CORROSION	COUPON #1974 - WT. = 9.0492												
7/22	2000	ADJ.	6237		130	130		NIL		YES	20	250	100	107,520							
7/22	2030	ADJ.	6197		147	147		NIL		YES	32	250	115	134,099	151.9						
7/22	2100	ADJ.	6150		165	165		NIL		YES	34	250	130	136,313	231.2	79.3			3710.4		36.74
7/22	2130	ADJ.	6107		175	175		NIL		YES	36	250	140	138,808	311.9	80.7			3728.2		37.23
7/22	2200	ADJ.	6069		180	180		NIL		YES	37	250	150	139,579	391.8	79.9			3725.2		37.47
7/22	2230	ADJ.	6050		180	180		NIL		YES	37	250	156	138,897	472.2	80.4			3748.2		37.06
7/22	2300	ADJ.	6001		185	185		NIL		YES	37.5	250	158	139,609	551.7	79.5			3702		37.71
7/22	2330	ADJ.	5980		185	185		NIL		YES	38	250	160	140,027	633.2	81.5			3795		36.90
7/22	2400	ADJ.	5938		190	190		NIL		YES	38.5	250	165	140,825	713.6	80.4			3739.2		37.66
7/23	0300	ADJ.	5912		190	190		NIL		YES	39	250	167	141,065	795.5	81.9			3808.2		37.04
7/23	0100	ADJ.	5890		190	190		NIL		YES	39	250	168	140,941	876.1	80.6			3747.8		37.61
7/23	0130	ADJ.	5875		193	193		NIL		YES	39.5	250	169	141,733	956.7	80.6			3745.8		37.84
7/23	0200	ADJ.	5838		195	195		NIL		YES	39.5	250	170	141,624	1037.6	80.8			3752.4		37.74

GEOTHERMAL FIELD TEST DATA

PAGE 3 CONT
DATE JULY 22-23, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET # PACKER # CASING SIZE SET # T.D. ORIFICE METER (1st) X

		COOLER DATA				IN FILTERS		OUT	DISPOSAL WELL		REMARKS
DATE	TIME	INLET		OUTLET		PRESS	DIFF.	PRESS.	PRESS	TEMP.	
		PRESS	TEMP.	PRESS	TEMP.						
7/22	2000					61	0	61	61	125	
7/23	2030					61	0	61	61	142	
7/22	2100					61	0	61	61	161	
7/22	2130					64	0	64	64	171	
7/22	1100					65	0	65	65	175	
7/22	2230					65	0	65	65	180	
7/22	2300					66	0	66	66	180	
7/22	2330					69	0	69	69	185	
7/22	2400					72	0	72	72	190	
7/23	0030					72	0	72	72	190	
7/23	0100					72	0	72	72	190	
7/23	0130					72	0	72	72	190	
7/23	0200					72	0	72	72	193

GEOTHERMAL FIELD TEST DATA

PAGE 4
DATE JULY 23, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET @ PACKER @ CASING SIZE SET @ T.D. ORIFICE METER (1st 1.939 X .500

		WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHK SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	S.D. READING	CALC. SAND	CORR. COUP	ORIFICE READING			VOLUME CU. FT. / DAY	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
											DIFF.	PRESS.	TEMP.								
7/23	0230	ADJ.	5816		195	195		NIL		YES	40	250	172	142,288	1118.2	80.7			3748.6		37.96
7/23	0300	ADJ.	5795		197	197		NIL		YES	39.5	250	172	141,390	1198.5	80.3			3727.4		37.93
7/23	0330	ADJ.	5774		197	197		NIL		YES	39.5	250	172	141,390	1278.9	80.4			3732.2		37.88
7/23	0400	ADJ.	5741		200	200		NIL		YES	40	250	176	141,849	1360.3	81.4			3776.2		37.56
7/23	0430	ADJ.	5715		200	200		NIL		YES	41	250	176	143,612	1442.2	81.9			3799.2		37.80
7/23	0500	ADJ.	5688		200	200		NIL		YES	42	250	176	145,348	1525.2	83			3850		37.75
7/23	0530	ADJ.	5657		202	202		NIL		YES	43	250	176	147,070	1609.3	84.1			3898.8		37.72
7/23	0600	ADJ.	5635		203	203		NIL		YES	43.5	250	176	147,925	1693.7	84.4			3912.2		37.81
7/23	0630	ADJ.	5620		203	203		NIL		YES	44	250	176	148,765	1775.9	82.2			3810.6		39.04
7/23	0700	ADJ.	5600		205	205		NIL		YES	44	250	176	148,765	1860.6	84.7			3924.6		37.91
7/23	0730	ADJ.	5570		205	205		NIL		YES	44.5	250	176	149,605	1945.8	85.2			3947.6		37.90
7/23	0800	ADJ.	5547		205	205		NIL		YES	45	250	176	150,446	2030.8	85			3938		38.20
7/23	0830	ADJ.	5530		205	205		NIL		YES	45	250	175	150,562	2117.0	86.2			3993.6		37.70
7/23	0900	ADJ.	5520		205	205		NIL		YES	45	250	176	150,446	2202.3	85.3			3952.4		38.06
7/23	0930	ADJ.	5500		205	205		NIL		YES	45.5	250	178	151,052	2288.9	86.6			4011.8		37.65

GEOTHERMAL FIELD TEST DATA

PAGE 4 CON
DATE JULY 23, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET e PACKER e CASING SIZE SET e T.D. ORIFICE METER (1st X

		COOLER DATA				IN		FILTERS	OUT	DISPOSAL WELL		REMARKS
DATE	TIME	INLET		OUTLET		PRESS	DIFF.	PRESS.	PRESS	TEMP.		
		PRESS	TEMP.	PRESS	TEMP.							
7/23	0230					72	0	72	72	193		
7/23	0300					72	0	72	72	193		
7/23	0330					72	0	72	72	195		
7/23	0400					71	0	71	71	197		
7/23	0430					71	0	71	71	197		
7/23	0500					71	0	71	71	189		
7/23	0530					72	0	72	72	200		
7/23	0600					72	0	72	72	200		
7/23	0630					73	0	73	73	200		
7/23	0700					73	0	73	73	200		
7/23	0730					73	0	73	73	200		
7/23	0800					73	0	73	73	200		
7/23	0830					73	0	73	73	200		
7/23	0900					75	0	75	75	200		
7/23	0930					76	0	76	76	205

GEOTHERMAL FIELD TEST DATA

PAGE 5
DATE JULY 23, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET @ PACKER SET @ CASING SIZE SET @ T.D. ORIFICE METER (1st 1.939 X .500

		WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CHK SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	S.D. READING	CALC. SAND	CORS. COUP	ORIFICE READING			VOLUME CU. FT. / DAY	FLUID METER	+	FLUID METER	+	BBL'S PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
											DIFF	PRESS.	TEMP.								
7/23	1000	ADJ.	5480		205	205		NIL		YES	46.5	250	179	152,416	2375.6	86.7			4016.6		37.95
7/23	1030	ADJ.	5460		205	205		NIL		YES	47	250	179	153,226	2462.8	87.2			4039.6		37.93
7/23	1100	ADJ.	5442		205	205		NIL		YES	47	250	179	153,226	2550.0	87.5			4039.6		37.93
7/23	1130	ADJ.	5421		208	208		NIL		YES	47.5	250	179	154,190	2637.5	87.5			4051		38.06
7/23	1200	ADJ.	5409		210	210		NIL		YES	48.5	250	180	155,553	2724.6	88.1			4076.8		38.16
7/23	1230	ADJ.	5395		210	210		NIL		YES	48.5	250	176	154,339	2814.7	89.1			4123.8		37.43
7/23	1300	ADJ.	5382		210	210		NIL		YES	49	250	176	156,835	2901.2	86.5			4003		39.18
7/23	1330	ADJ.	5380		211	211		NIL		YES	48.5	250	180	155,553	2993.1	91.9			4251.2		36.59
7/23	1400	ADJ.	5334		211	211		NIL		YES	48.5	250	184	155,053	3081.2	88.1			4075.8		38.04
7/23	1430	ADJ.	5321		212	212		NIL		YES	49.5	250	184	156,639	3171.3	90.1			4166.8		37.59
7/23	1500	ADJ.	5315		213	213		NIL		YES	50	250	185	157,310	3261.0	89.7			4147.6		37.89
7/23	1530	ADJ.	5300		214	214		NIL		YES	50	250	186	157,169	3346.3	85.3			3943.4		39.86
7/23	1600	ADJ.	5291		215	215		NIL		YES	50	250	186	157,169	3435.7	89.4			4131.2		38.04
7/23	1630	ADJ.	5276		215	215		NIL		YES	51.5	250	188	159,291	3530.0	94.3			4358.4		36.55
7/23	1700	ADJ.	5266		214	214		NIL		YES	51.5	250	186	159,504	3619.7	89.7			4146.6		38.47

GEOTHERMAL FIELD TEST DATA

PAGE 5 CON
DATE JULY 23, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIRCARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET # PACKER # CASING SIZE SET # T.D. ORIFICE METER (1st X

		COOLER DATA				IN FILTERS OUT			DISPOSAL WELL		REMARKS
DATE	TIME	INLET		OUTLET		PRESS	DIFF.	PRESS.	PRESS	TEMP.	
		PRESS	TEMP.	PRESS	TEMP.						
7/23	1000					78	2	76	76	205	
7/23	1030					78	2	76	76	205	
7/23	1100					78	2	76	76	205	
7/23	1130					79	2	77	77	205	
7/23	1200					79	2	77	77	210	
7/23	1230					80	2	78	78	210	
7/23	1300					80	2	78	78	210	
7/23	1330					80	2	78	78	210	
7/23	1400					81	3	79	79	210	
7/23	1430					83	3	80	80	210	
7/23	1500					83	3	80	80	210	
7/23	1530					83	3	80	80	210	
7/23	1600					83	3	80	80	210	
7/23	1630					83	3	80	80	211	
7/23	1700					83	3	80	80	212

GEOTHERMAL FIELD TEST DATA

PAGE 6
DATE JULY 23, 1980

COMPANY EATON OPERATING, CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET @ PACKER SET @ CASING SIZE SET @ T.D. ORIFICE METER (1st) 1.939 X .500

DATE	TIME	WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
		CH. KE SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	S.D. READING	CALC. SAND	CORS COUP	ORIFICE READING			VOLUME CU. FT. / DAY	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
7/23	1730	ADJ.	5253		215	215		NIL		YES	51.5	250	185	159,647	3709.2	88.3			4090		39.03
7/23	1800	ADJ.	5242		215	215		NIL		YES	52	250	186	160,283	3800.8	92.6			4279.5		37.45
7/23	1830	ADJ.	5228		215	215		NIL		YES	52	250	188	160,068	3889.2	88.4			4085.4		39.18
7/23	1900	ADJ.	5217		215	215		NIL		YES	52.2	250	188	160,832	3979.7	90.5			4182.4		38.45
7/23	1930	ADJ.	5203		215	215		NIL		YES	53	250	188	161,595	4070.2	90.5			4182.4		38.64
7/23	1945				SHUT	WELL	IN FOR	BUILD UP													
7/23	1946	SITP	5755		SHUT	WELL	IN FOR	BUILD UP													
7/23	2000	SITP	5810		SHUT	WELL	IN FOR	BUILD UP													
7/23	2015	SITP	5835		SHUT	WELL	IN FOR	BUILD UP													
7/23	2030	SITP	5860		SHUT	WELL	IN FOR	BUILD UP													
7/23	2045	SITP	5885		SHUT	WELL	IN FOR	BUILD UP													
7/23	2100	SITP	5900		SHUT	WELL	IN FOR	BUILD UP													
7/23	2200	SITP	5960		SHUT	WELL	IN FOR	BUILD UP													
7/23	2300	SITP	6020		SHUT	WELL	IN FOR	BUILD UP													
7/23	2400	SITP	6063		SHUT	WELL	IN FOR	BUILD UP

GEOTHERMAL FIELD TEST DATA

PAGE 6 CONT

DATE JULY 23, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE

COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND

TUBING SIZE _____ SET # _____ PACKER # _____ CASING SIZE _____ SET # _____ T.D. _____ ORIFICE METER (1st _____ X _____

[illegible]

GEO THERMAL FIELD TEST DATA

PAGE 7
DATE JULY 24, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET @ PACKER SET @ CASING SIZE SET @ T.D. ORIFICE METER (1st 1.939 X .500

		WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CH OK SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	READING	CALC. SAND	CORS. COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
7/24	0100	SITP	6102		SHUT	WELL	IN FOR	BUILD UP													
7/24	0200	SITP	6137		SHUT	WELL	IN FOR	BUILD UP													
7/24	0300	SITP	6167		SHUT	WELL	IN FOR	BUILD UP													
7/24	0400	SITP	6192		SHUT	WELL	IN FOR	BUILD UP													
7/24	0500	SITP	6225		SHUT	WELL	IN FOR	BUILD UP													
7/24	0600	SITP	6244		SHUT	WELL	IN FOR	BUILD UP													
7/24	0700	SITP	6270		SHUT	WELL	IN FOR	BUILD UP													
7/24	0800	SITP	6295		SHUT	WELL	IN FOR	BUILD UP													
7/24	0900	SITP	6320		SHUT	WELL	IN FOR	BUILD UP													
7/24	1000	SITP	6331		SHUT	WELL	IN FOR	BUILD UP													
7/24	1100	SITP	6340		SHUT	WELL	IN FOR	BUILD UP													
7/24	1200	SITP	6365		SHUT	WELL	IN FOR	BUILD UP													
7/24	1300	SITP	6369		SHUT	WELL	IN FOR	BUILD UP													
7/24	1400	SITP	6385		SHUT	WELL	IN FOR	BUILD UP													
7/24	1500	SITP	6398		SHUT	WELL	IN FOR	BUILD UP

GEOTHERMAL FIELD TEST DATA

PAGE 8
DATE JULY 24-25, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. _____ SAND _____
TUBING SIZE _____ SET @ _____ PACKER @ _____ CASING SIZE _____ SET @ _____ T.D. _____ ORIFICE METER (1st 1.939 x .500

[illegible]

GEOTHERMAL FIELD TEST DATA

PAGE 9
DATE JULY 25, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET @ PACKER@ CASING SIZE SET @ T.D. ORIFICE METER (1st 1.939 X .500

		WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CH/KE SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	READING	CALC. SAND	CORS. COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
											DIFF.	PRESS.	TEMP.								
7/25	0700	SITP	6407			SHUT WELL	IN FOR	BUILD UP													
7/25	0800	SITP	6515			SHUT WELL	IN FOR	BUILD UP													
7/25	0900	SITP	6517			SHUT WELL	IN FOR	BUILD UP													
7/25	1000	SITP	6522			SHUT WELL	IN FOR	BUILD UP													
7/25	1100	SITP	6527			SHUT WELL	IN FOR	BUILD UP													
7/25	1200	SITP	6532			SHUT WELL	IN FOR	BUILD UP													
7/25	1300	SITP	6535			SHUT WELL	IN FOR	BUILD UP													
7/25	1400	SITP	6539			SHUT WELL	IN FOR	BUILD UP													
7/25	1500	SITP	6541			SHUT WELL	IN FOR	BUILD UP													
7/25	1600	SITP	6545			SHUT WELL	IN FOR	BUILD UP													
7/25	1700	SITP	6546			SHUT WELL	IN FOR	BUILD UP													
7/25	1800	SITP	6549			SHUT WELL	IN FOR	BUILD UP													
7/25	1900	SITP	6555			SHUT WELL	IN FOR	BUILD UP													
7/25	2000	SITP	6558			SHUT WELL	IN FOR	BUILD UP													
7/25	2100	SITP	6564			SHUT WELL	IN FOR	BUILD UP

GEOTHERMAL FIELD TEST DATA

PAGE 10
DATE JULY 25, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIRQUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE _____ SET @ _____ PACKER @ _____ CASING SIZE _____ SET @ _____ T.D. _____ ORIFICE METER (1st) 1.939 X .500

[illegible]

GEOTHERMAL FIELD TEST DATA

PAGE 11
DATE JULY 29-30, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET # PACKER SET # CASING SIZE SET # T.D. ORIFICE METER (1st 1.939 X .750

		WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CH/KE SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	S.D. READING	CALC. SAND	CORS COUP	ORIFICE READING			VOLUME CU. FT. / DAY	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
											DIFF.	PRESS.	TEMP.								
7/29	2230	ADJ.	5185		170	170		NIL		YES	26	250	128	272,691	180.5						
7/29	2300	21/64	5073		201	201		NIL		YES	28	250	160	274,719	254.3	145.9			6761.6		40.63
7/29	2330	21/64	5000		210	210		NIL		YES	29	250	180	274,899	405.9	151.6			7014.8		39.19
7/30	2400	21/64	4937		214	214		NIL		YES	29	250	188	273,191	558.3	152.4			7044.9		38.78
7/30	0030	21/64	4877		216	216		NIL		YES	29	250	192	272,337	708.6	150.3			6944.3		39.22
7/30	0100	21/64	4825		216	216		NIL		YES	29.5	250	192	274,699	858.1	149.5			6907.3		39.77
7/30	0130	21/64	4780		216	216		NIL		YES	29.5	250	198	273,437	1006.7	148.6			6865.8		39.83
7/30	0200	21/64	4735		220	220		NIL		YES	29.5	250	200	272,767	1155.2	148.5			6854.3		39.80
7/30	0230	21/64	4690		223	223		NIL		YES	29.5	250	200	272,767	1302.6	147.4			6798.4		40.12
7/30	0300	21/64	4655		224	224		NIL		YES	29.5	250	200	272,767	1449.4	146.8			6769.1		40.30
7/30	0330	21/64	4598		225	225		NIL		YES	29.5	250	204	271,938	1595.6	146.2			6739.7		40.35
7/30	0400	21/64	4580		225	225		NIL		YES	29.5	250	204	271,938	1741.2	145.6			6712.9		40.52
7/30	0430	21/64	4580		226	226		NIL		YES	30	250	204	274,214	1887.7	146.5			6751.0		40.61
7/30	0500	21/64	4575		226	226		NIL		YES	29	250	208	268,808	2035.3	147.6			6802.5		39.52
7/30	0530	21/64	4550		227	227		NIL		YES	30	250	208	273,408	2184.8	149.5			6888.4		39.69

GEOTHERMAL FIELD TEST DATA

PAGE 11 CONT
DATE JULY 29-30, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET # PACKER # CASING SIZE SET # T.D. ORIFICE METER (1st X

		COOLER DATA				IN FILTERS OUT			DISPOSAL WELL		REMARKS
DATE	TIME	INLET		OUTLET		PRESS	DIFF.	PRESS.	PRESS	TEMP.	
		PRESS	TEMP.	PRESS	TEMP.						
7/29	2230					105	30	75	75	170	
7/28	2300					110	30	80	80	199	
7/29	2330					115	30	85	85	210	
7/29	2400					125	30	95	95	215	
7/30	0030					130	30	100	100	216	
7/30	0100					130	30	100	100	218	
7/30	0130					130	30	100	100	220	
7/30	0200					135	30	105	105	220	
7/30	0230					135	30	105	105	224	
7/30	0300					133	28	105	105	225	
7/30	0330					129	24	105	105	225	
7/30	0400					133	23	110	110	225	
7/30	0430					133	23	110	110	226	
7/30	0500					132	24	108	108	226	
7/30	0530					138	27	111	111	227

GEOTHERMAL FIELD TEST DATA

PAGE 12
DATE JULY 30, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET e PACKER SET e CASING SIZE SET e T.D. ORIFICE METER (1st 1.939 X .750)

		WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CH/KE SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	S.D. READING	CALC. SAND	CORS. COUP	ORIFICE READING			VOLUME CU. FT. / DAY	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP. G.	GAS- WATER RATIO
											DIFF	PRESS.	TEMP.								
7/30	0600	ADJ. 21/64	4534		230	230		NIL		YES	30	250	208	273,408	2336.7	151.9			6993.7		39.09
7/30	0630	21/64	4500		230	230		NIL		YES	32	250	208	282,393	2490.5	153.8			7081.2		39.88
7/30	0700	21/64	4450		231	231		NIL		YES	32	250	208	282,393	2645.7	155.2			7143.9		39.53
7/30	0730	21/64	4446		231	231		NIL		YES	34	250	210	290,609	2802.6	156.9			7222.1		40.24
7/30	0800	21/64	4417		231	231		NIL		YES	34	250	210	290,609	2958.9	156.3			7194.5		40.39
7/30	0900	21/64	4344		233	233		NIL		YES	35	250	210	294,865	3272.9	314			7223.1		40.82
7/30	1000	21/64	4279		235	235		NIL		YES	36	250	209	299,266	3594.4	320.5			7368.9		40.61
7/30	1100	21/64	4192		235	235		NIL		YES	38	250	213	306,571	3919.3	325.9			7493.1		40.91
7/30	1200	21/64	4153		235	235		NIL		YES	38	250	216	305,873	4245.5	326.2			7500.0		40.78
7/30	1300	21/64	4133		236	236		NIL		YES	38	250	220	304,665	4572.8	327.2			7523.4		40.50
7/30	1400	21/64	4078		236	236		NIL		YES	39	250	223	307,971	4899.8	327			7516.5		40.97
7/30	1500	21/64	4045		237	237		NIL		YES	38	250	223	304,003	5226.9	372.3			7516.9		40.44
7/30	1600	21/64	4020		237	237		NIL		YES	38	250	223	304,003	5554.4	327.5			7526.1		40.39
7/30	1700	21/64	4000		237	237		NIL		YES	39	250	223	307,971	5881.9	327.5			7526.1		40.92
7/30	1800	21/64	3960		238	238		NIL		YES	38.9	250	223	306,002	6210.7	328.8			7554.1		40.51

GEOTHERMAL FIELD TEST DATA

PAGE 12 CONTDATE JULY 30, 1980COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADECOUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND TUBING SIZE SET # PACKER # CASING SIZE SET # T.D. ORIFICE METER (1st X

		COOLER DATA				IN		FILTERS	OUT	DISPOSAL WELL		REMARKS
DATE	TIME	INLET		OUTLET		PRESS	DIFF.	PRESS.	PRESS	TEMP.		
		PRESS	TEMP.	PRESS	TEMP.							
7/30	0600					143	28	115	115	229		
7/30	0630					147	28	119	119	230		
7/30	0700					151	29	122	122	231		
7/30	0730					153	28	125	125	235		
7/30	0800					154	29	125	125	235		
7/30	0900					158	28	130	130	235		
7/30	1000					162	27	135	135	235		
7/30	1100					178	28	150	150	235		
7/30	1200					178	28	150	150	235		
7/30	1300					183	28	155	155	235		
7/30	1400					183	28	155	155	237		
7/30	1500					183	28	155	155	237		
7/30	1600					183	28	155	155	237		
7/30	1700					183	28	155	155	237		
7/30	1800					183	28	155	155	236

GEOTHERMAL FIELD TEST DATA

PAGE 13
DATE JULY 30-31, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET # PACKER SET # CASING SIZE SET # T.D. ORIFICE METER (1st 1.939 X .750)

		WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CH (WE SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	S.D. READING	CALC. SAND	CORR. COUP.	ORIF. CE READING			VOLUME CU. FT. / DAY	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
											DIFF.	PRESS.	TEMP.								
7/30	1900	ADJ. 21/64	3955		239	239		NIL		YES	38.5	250	223	306,002	6540.8	330.1			7582.1		40.36
7/30	2000	21/64	3870		236	236		NIL		YES	40	250	221	312,374	6875.8	335			7700.4		40.57
7/30	2100	21/64	3795		238	238		NIL		YES	41.5	250	221	318,169	7214.6	338.8			7783.8		40.88
7/30	2200	21/64	3773		240	240		NIL		YES	41.5	250	220	318,387	7554.5	339.9			7805.2		40.79
7/30	2300	21/64	3772		240	240		NIL		YES	42.5	250	222	321,740	7895.7	341.2			7835.0		41.06
7/30	2400	21/64	3780		240	240		NIL		YES	42.5	250	222	321,740	8235.5	339.8			7802.9		41.23
7/31	0100	21/64	3769		240	240		NIL		YES	42.5	250	222	321,740	8576.1	340.6			7821.3		41.14
7/31	0200	21/64	3753		240	240		NIL		YES	43	250	220	324,095	8918.3	342.2			7858.0		41.24
7/31	0300	21/64	3705		240	240		NIL		YES	43	250	220	324,095	9263.9	345.6			7936.1		40.84
7/31	0400	21/64	3716		240	240		NIL		YES	43.5	250	221	325,754	9612.4	348.5			8002.7		40.71
7/31	0500	21/64	3705		242	242		NIL		YES	43.5	250	219	326,238	9963.1	350.7			8029.2		40.63
7/31	0600	21/64	3685		243	243		NIL		YES	43.5	250	221	325,754	10315.5	352.4			8086.1		40.29
7/31	0640	21/64	3710						SEE REMARKS	ON PAGE 13 CON'T											
7/31	0700	21/64	5320		233	233			SEE REMARKS	ON PAGE 13 CON'T											
7/31	0800	21/64	5632		195	195			SEE REMARKS	ON PAGE 13 CON'T

GEOHERMAL FIELD TEST DATA

PAGE 13 CONT
DATE JULY 30-31, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET # PACKER # CASING SIZE SET # T.D. ORIFICE METER (1st X

		COOLER DATA				IN FILTERS OUT			DISPOSAL WELL		REMARKS
DATE	TIME	INLET		OUTLET		PRESS	DIFF.	PRESS.	PRESS	TEMP.	
		PRESS	TEMP.	PRESS	TEMP.						
7/30	1900					184	28	156	156	236	
7/30	2000					187	27	160	160	236	
7/30	2100					189	27	162	162	235	
7/30	2200					198	28	170	170	240	
7/30	2300					203	28	175	175	240	
7/30	2400					188	28	160	160	245	
7/31	0100					198	28	170	170	245	
7/31	0200					205	28	177	177	245	
7/31	0300					208	28	180	180	245	
7/31	0400					208	28	180	180	245	
7/31	0500					206	28	178	178	245	
7/31	0600					181	28	179	179	245	
7/31	0640										PINCH DOWN ON CHOKE TO CUT RATE DOWN TO 310 BBLs. FOR R.D.I. TO COME OUT OF HOLE.
7/31	0700					116	28	88	88	230	
7/31	0800					108	28	80	80	205

GEOTHERMAL FIELD TEST DATA.

PAGE 14
DATE JULY 31, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET # PACKER # CASING SIZE SET # T.D. ORIFICE METER (1st 1.939 X 1.000)

		WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CH OK SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	S.D. READING	CALC. SAND	CORS. COUP	ORIFICE READING			VOLUME CU. FT. / DAY	FLUID METER	+	FLUID METER	+	BBLS PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
											DIFF	PRESS	TEMP								
7/31	0900	21/64	5755		155	155				YES											
7/31	1030	21/64	5769																		
7/31	1115			OPEN WELL ON ADJ. CHOKE TO 15,000 ± BBLS DAY RATE. CHANGE ORIFICE PLATE TO 1.000																	
7/31	1200	ADJ.	3138																		
7/31	1245	ADJ.	584																		
7/31	1300	ADJ.	477		250	250		NIL		YES	36	400	232	676,092	819.5						
7/31	1330	ADJ.	475		250	250		NIL		YES	23	420	239	550,434	1143.8	324.3			14856.6	37.05	
7/31	1400	ADJ.	479		250	250		TRACE		YES	23	420	240	549,506	1444.4	300.6			13770.9	39.90	
7/31	1430	ADJ.	510		252	252		TRACE		YES	23	450	244	566,537	1656.8	212.4			9725.4	58.25	
7/31	1500	ADJ.	524		252	252		TRACE		YES	20	475	232	547,545	1977.1	320.3			14666.0	37.33	
7/31	1530	ADJ.	521		252	252		TRACE		YES	20	475	232	547,545	2296.4	319.3			14620.2	37.45	
7/31	1600	ADJ.	520		250	250		NIL		YES	20	475	228	549,123	2614.8	318.4			14586.3	37.65	
7/31	1630	ADJ.	518		252	252		TRACE		YES	20	475	226	549,881	2932.1	317.3			14528.6	37.85	
7/31	1700	ADJ.	523		252	252		TRACE		YES	18	475	238	517,168	3250.7	318.6			14588.1	35.45	
7/31	1800	ADJ.	516		250	250		TRACE		YES	18	475	208	529,197	3438.1	187.4			8585.0	61.64

GEOTHERMAL FIELD TEST DATA

PAGE 15
DATE JULY 31-AUG. 1

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET # PACKER # CASING SIZE SET # T.D. ORIFICE METER (1st 1.939 X 1.000

DATE	TIME	WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
		CHKE SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	S.D. READING	CALC. SAND	CORS. COUP	ORIFICE READING			VOLUME CU. FT. / DAY	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
											DIFF.	PRESS.	TEMP.								
7/31	1800	ADJ.	529		253	253		TRACE		YES	18	475	224	522,441							
7/31	1830	ADJ.	528		253	253		TRACE		YES	20	475	222	551,523	3963.2						
7/31	1900	ADJ.	527		253	253		TRACE		YES	27	475	223	640,321	3279.0	315.8			14456.4		44.29
7/31	1930	ADJ.	526		253	253		TRACE		YES	27	475	224	639,881	4596.0	317			14512		44.09
7/31	2000	ADJ.	523		253	253		TRACE		YES	27	475	223	640,321	4913.8	317.8			14547		44.01
7/31	2030	ADJ.	503		252	252		TRACE		YES	27	475	223	640,321	5230.1	316.3			14482.4		44.21
7/31	2100	ADJ.	520		252	252		TRACE		YES	26	475	223	636,984	5547.2	317			14519.8		43.87
7/31	2130	ADJ.	595		253	253		TRACE		YES	26	475	223	636,984	5827.8	280.6			12844.8		49.59
7/31	2200	ADJ.	665		253	253		TRACE		YES	16	600	222	552,694	6138.9	311.1			14240.8		38.81
7/31	2230	ADJ.	663		253	253		TRACE		YES	14	600	216	519,230	6449.1	310.2			14199.6		36.57
7/31	2300	ADJ.	595		253	253		TRACE		YES	12	600	220	479,306	6764.4	315.3			14433.4		33.21
7/31	2330	ADJ.	1014		254	254		TRACE		YES	13	600	222	498,148	7073.5	309.1			14145.8		35.22
7/31	2400	ADJ.	1036		255	255		TRACE		YES	18	600	224	584,249	7390.6	317.1			14508.8		37.79
8/1	0100	ADJ.	3477		255	255	SEE REMARKS			YES	18	600	218	587,376	7091.1	510.5			11679		50.29
8/1	0200	ADJ.	3522		245	245		TRACE		YES	7	600	222	365,547	8310.3	409.2			9384.8		38.95

GEOTHERMAL FIELD TEST DATA

PAGE 14 CONT
DATE JUL. 31-AUG. 1, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET # PACKER # CASING SIZE SET # T.D. ORIFICE METER (1st X

TUBING SIZE		SET #		PACKER		Casing Size					
DATE	TIME	COOLER DATA				IN FILTERS OUT			DISPOSAL WELL		REMARKS
		INLET		OUTLET		PRESS	DIFF.	PRESS.	PRESS	TEMP.	
		PRESS	TEMP	PRESS	TEMP.						
7/31	0900					108	28	80	80	160	
7/31	0930										R.D.I. OUT OF HOLE - SHUT WELL IN
7/31	1100										
7/31	1300					224	34	190	190	250	
7/31	1330					353	38	315	315	250	
7/31	1400					372	39	333	333	150	
7/31	1430					379	39	340	340	250	
7/31	1500					369	39	330	330	250	
7/31	1530					389	39	350	350	250	
7/31	1600					399	39	360	360	250	
7/31	1630					399	39	360	360	250	
7/31	1700					404	39	365	365	250	
7/31	1730					414	39	375	375	215

GEOTHERMAL FIELD TEST DATA

PAGE 15 CONT

DATE AUGUST 31, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE

COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND

TUBING SIZE SET # PACKER # CASING SIZE SET # T.D. ORIFICE METER (1st X

		COOLER DATA				IN	FILTERS	OUT	DISPOSAL WELL		REMARKS
DATE	TIME	INLET		OUTLET		PRESS	DIFF.	PRESS.	PRESS	TEMP.	
		PRESS	TEMP.	PRESS	TEMP.						
7/31	1800					423	38	385	385	250	
7/31	1830					410	50	360	360	250	
7/31	1900					300	0	300	300	250	
7/31	1930					300	0	300	300	253	
7/31	2000					300	0	300	300	253	
7/31	2030					315	15	300	300	253	
7/31	2100					365	65	300	300	250	
7/31	2130					335	30	305	305	240	
7/31	2200					355	30	325	325	250	
7/31	2230					330	30	300	300	250	
7/31	2300					307	7	300	300	250	
7/31	2330					362	25	337	337	250	
7/31	2400					413	38	375	375	253	PINCH BACK TO 10,000 BBLs. PER DAY
8/1	0100					325	35	290	290	250	
8/1	0200					310	35	275	275	245

GEOTHERMAL FIELD TEST DATA

PAGE 16
DATE AUGUST 1, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET # PACKER # CASING SIZE SET # T.D. ORIFICE METER (1st 1.939 X 1.000

		WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CH. KE SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	S.D. READING	CALC. SAND	CORS. COUP.	ORIFICE READING			VOLUME CU. FT. / DAY	FLUID METER	+	FLUID METER	+	BBL'S PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
											DIFF.	PRESS.	TEMP.								
8/1	0300	ADJ.	3523		245	245		NIL		YES	5.5	600	222	324,039	8722.2	411.9			9446.6		34.30
8/1	0400	ADJ.	3541		248	248		NIL		YES	5.5	600	225	323,334	9135.0	412.8			9406.2		34.37
8/1	0500	ADJ.	3577		248	248		NIL		YES	5.5	600	223	323,779	9549.4	414.4			9496.6		34.09
8/1	0600	ADJ.	3584		248	248		NIL		YES	5.5	600	218	325,289	9964.5	414.6			9501.4		34.24
8/1	0700	ADJ.	3578		248	248		NIL		YES	5.5	600	220	324,484	10380.7	416.2			9537.8		34.02
8/1	0800	ADJ.	3617		248	248		NIL		YES	5.5	600	218	325,289	10798.0	417.3			9563.2		34.01
8/1	0900	ADJ.	3622		248	248		NIL		YES	5.5	600	216	325,772	11215.7	417.7			9572.8		34.03
8/1	1000	ADJ.	3632		250	250		NIL		YES	5.5	600	224	323,556	11633.8	418.1			9572.4		33.79
8/1	1100	ADJ.	3643		250	250		NIL		YES	5.5	600	228	322,629	12051.7	417.9			9572.6		33.70
8/1	1200	ADJ.	3651		250	250		NIL		YES	5.5	600	228	322,629	12370.7	419			9598		33.61
8/1	1300	ADJ.	3653		250	250		NIL		YES	5.5	600	228	322,629	12890.2	419.5			9609		33.58
8/1	1400	ADJ.	3650		250	250		NIL		YES	5.5	600	228	322,629	13309.6	419.5			9606.6		33.58
8/1	1500	ADJ.	3646		249	249		NIL		YES	5.5	600	228	322,629	13727.4	417.8			9573.2		33.70
8/1	1600		5631	SHUT WELL IN																	
8/1	1630	SI	5757

GEOTHERMAL FIELD TEST DATA

PAGE 16 CONT
DATE AUGUST 1, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. _____ SAND _____
TUBING SIZE _____ SET @ _____ PACKER @ _____ CASING SIZE _____ SET @ _____ T.D. _____ ORIFICE METER (1st _____ X _____

[illegible]

GEOTHERMAL FIELD TEST DATA

PAGE 17
DATE AUGUST 1-2, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET # PACKER SET # CASING SIZE SET # T.D. ORIFICE METER (1st 1.939 X 1.000

		WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA							
DATE	TIME	CH/KE SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	READING	CALC. SAND	CORS. COUP.	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLS PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO	
											DIFF.	PRESS.	TEMP.									
8/1	1700	SITP	5830																			
8/1	1730	SITP	5885																			
8/1	1800	SITP	5949																			
8/1	1830	SITP	5969																			
8/1	1900	SITP	6023																			
8/1	1930	SITP	6047																			
8/1	2000	SITP	6065																			
8/1	2030	SITP	6087																			
8/1	2100	SITP		LEAK IN LUBRICATOR - R.D.I.																		
8/2	0800	SITP	6344	R.D.I. GOING IN HOLE																		
8/2	0830	SITP	6349																			
8/2	0900	SITP	6349																			
8/2	0930	SITP	6347																			
8/2	1000	SITP	6369	R.D.I. ON BOTTOM - NO SIGNAL

GEOTHERMAL FIELD TEST DATA

PAGE 18
DATE AUGUST 2, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE _____ SET # _____ PACKER # _____ CASING SIZE _____ SET # _____ T.D. ORIFICE METER (1st 1.939 X .750)

		WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CH OK SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	READING	CALC. SAND	CORR. COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBL PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
											DIFF.	PRESS.	TEMP.								
8/2	1030	SITP	6378																		
8/2	1100	SITP	6387																		
8/2	1130	SITP	6394																		
8/2	1200	SITP	6398																		
8/2	1215	SITP	6399			R.D.I. OUT OF HOLE															
8/2	1300	SITP	6394			NO CONTACT IN WIRE - R.D.I.															
8/2	1500	SITP	6422																		
8/2	1515	SITP	6425																		
8/2	1525		5940			OPEN WELL TO FLOW ABOUT 7000 TO 7500 BBLs./DAY (CHANGED ORIFICE PLATE TO 1.939 X .750)															
8/2	1600		5432																		
8/2	1630		5525																		
8/2	1700		5490																		
8/2	1730		5239		215	215		NIL		YES	11.5	540	192	248,198	552.3						
8/2	1800		5216		224	224		NIL		YES	11	530	196	239,990	698.0	145.7		6718.6		35.72	
8/2	1830		5195		225	225		NIL		YES	11	540	198	239,451	843.3	143.3		6698.4		33.45

GEOTHERMAL FIELD TEST DATA

PAGE 19
DATE AUGUST 2-3, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LAFAYETTE PERF. SAND
TUBING SIZE SET @ PACKER SET @ CASING SIZE SET @ T.D. ORIFICE METER (1st 1.939 X .750

		WELLHEAD DATA				MANIFOLD DATA					GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CH. KE SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	S.D. READING	CALC. SAND	CORS. COUP.	ORIFICE READING			VOLUME CU. FT. /DAY	FLUID METER	+	FLUID METER	+	BBL PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
											DIFF.	PRESS.	TEMP.								
8/2	1900	ADJ.	5158		227	227		NIL		YES	11	540	200	241,024	988.5	145.2			6690.6		36.02
8/2	1930	ADJ.	5187		229	229		NIL		YES	11	540	200	241,024	1134.9	146.4			6742.2		35.75
8/2	2000	ADJ.	5622		230	230		NIL		YES	11	540	204	240,291	1280.5	145.6			6703.8		35.84
8/2	2030	ADJ.	5108		230	230		NIL		YES	11	540	205	240,101	1426.0	145.5			6699		35.84
8/2	2100	ADJ.	5094		230	230		NIL		YES	11	540	204	240,291	1581.4	145.4			6694.2		35.90
8/2	2130	ADJ.	5085		230	230		NIL		YES	11	540	203	240,481	1716.4	145			6676		36.02
8/2	2200	ADJ.	5071		230	230		NIL		YES	11	540	203	240,481	1861.3	144.9			6671.2		36.05
8/2	2300	ADJ.	5054		232	232		NIL		YES	11	540	204	240,291	2150.4	289.1			6652.4		36.12
8/2	2400	ADJ.	5032		235	235		NIL		YES	11	540	208	239,585	2438.9	288.5			6634		36.11
8/3	0100	ADJ.	5017		235	235		NIL		YES	11	540	209	239,395	2726.9	288			6622		36.15
8/2	0200	ADJ.	5005		235	235		NIL		YES	11	540	209	239,395	3014.4	287.5			6610		36.22
8/3	0300	ADJ.	4992		235	235		NIL		YES	11	540	210	239,205	3301.5	287.1			6601.4		36.24
8/3	0400	ADJ.	4983		235	235		NIL		YES	11	540	210	239,205	3488.3	286.8			6594.2		36.28
8/3	0500	ADJ.	4974		236	236		NIL		YES	11	540	210	239,205	3874.8	286.5			6586		36.32
8/3	0600	ADJ.	4965		236	236		NIL		YES	11	540	210	239,205	4161.1	286.5			6581.2		36.35

GEOTHERMAL FIELD TEST DATA

PAGE 19 CONT
DATE AUGUST 1, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LOUISIANA STATE LOUISIANA PERF. SAND
TUBING SIZE SET # PACKER # CASING SIZE SET # T.D. ORIFICE METER (1st X

		COOLER DATA				FILTERS			DISPOSAL WELL		REMARKS
DATE	TIME	INLET		OUTLET		PRESS	DIFF.	PRESS.	PRESS	TEMP.	
		PRESS	TEMP.	PRESS	TEMP.						
8/2	1900					201	1	200	200	223	
8/2	1930					201	1	200	200	225	
8/2	2000					202	2	200	200	225	
8/2	2030					202	2	200	200	225	
8/2	2100					202	2	200	200	224	
8/2	2130					207	2	205	205	225	
8/2	2200					207	2	205	205	225	
8/2	2300					207	2	205	205	230	
8/2	2400					202	2	200	200	230	
8/3	0100					207	2	205	205	230	
8/3	0200					207	2	205	205	235	
8/3	0300					208	3	205	205	236	
8/3	0400					208	3	205	205	236	
8/3	0500					209	4	205	205	235	
8/3	0600					209	4	205	205	235

GEOTHERMAL FIELD TEST DATA

PAGE 20
DATE AUGUST 3, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LAFAYETTE PERF. _____ SAND _____
TUBING SIZE _____ SET @ _____ PACKER @ _____ CASING SIZE _____ SET @ _____ T.D. _____ ORIFICE METER (1st 1.939 X .750

[illegible]

GEOTHERMAL FIELD TEST DATA

PAGE 20 CONT

DATE AUGUST 3, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE

COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND

TUBING SIZE SET @ PACKER @ CASING SIZE SET @ T.D. ORIFICE METER (1st X)

		COOLER DATA				IN	FILTERS	OUT	DISPOSAL WELL		REMARKS
DATE	TIME	INLET		OUTLET		PRESS	DIFF.	PRESS.	PRESS	TEMP.	
		PRESS	TEMP.	PRESS	TEMP.						
8/3	0700					209	4	205	205	235	
8/3	0800					209	4	205	205	234	
8/3	0900					195	5	190	190	233	
8/3	1000					196	6	190	190	231	
8/3	1100					213	8	205	205	230	
8/3	1200					213	18	195	195	230	
8/3	1300					228	23	205	205	230	
8/3	1400					242	32	210	210	230	
8/3	1500					252	37	215	215	230	
8/3	1600					255	40	215	215	230	
8/3	1700					246	41	205	205	232	
8/1	1800					246	41	205	205	232	
8/3	1900					270	70	200	200	232	
8/3	1930										TURN BACK THROUGH SEPARATOR

GEOTHERMAL FIELD TEST DATA

PAGE 21
DATE AUGUST 3-4, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET @ PACKER @ CASING SIZE SET @ T.D. ORIFICE METER (1st 1.939 x .750

[illegible]

GEOTHERMAL FIELD TEST DATA

PAGE 21 CONT
DATE AUG. 3-4, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET @ PACKER @ CASING SIZE SET @ T.D. ORIFICE METER (1st X

		COOLER DATA				IN FILTERS OUT			DISPOSAL WELL		REMARKS
DATE	TIME	INLET		OUTLET		PRESS	DIFF.	PRESS.	PRESS	TEMP.	
		PRESS	TEMP.	PRESS	TEMP.						
8/3	2000					205	20	185	185	231	
8/3	2030					207	22	185	185	231	
8/3	2100					212	22	190	190	235	
8/3	2130					212	22	190	190	235	OPEN CHOKE TO 11,500 BBLs. PER DAY
8/3	2200					197	22	175	175	240	
8/3	2230					330	25	305	305	250	
8/3	2300					332	27	305	305	250	
8/3	2330					357	42	315	315	248	
8/3	2400					375	55	320	320	250	
8/4	0030					380	60	320	320	248	

GEOTHERMAL FIELD TEST DATA

PAGE 22

DATE AUGUST 4, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET @ PACKER @ CASING SIZE SET @ T.D. ORIFICE METER (1st 1.939 X .750

[illegible]

GEOTHERMAL FIELD TEST DATA

PAGE 23
DATE AUGUST 5, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET @ PACKER SET @ CASING SIZE SET @ T.D. ORIFICE METER (1st 1.939 X .750

TUBING SIZE		DATE		WELLHEAD DATA				MANIFOLD DATA				GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CH (KE SIZE	TUBING PRESS.	CASING PRESS.	W.M. TEMP.	MANIF. TEMP.	MANIF. PRESS.	READING	CALC. SAND	CORS. COUP.	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO	
											DIFF.	PRESS.	TEMP.									
8/4	1800	SITP	6409																			
8/4	1900	SITP	6413																			
8/4	2000	SITP	6421																			
8/4	2100	SITP	6427																			
8/4	2200	SITP	6432																			
8/4	2300	SITP	6441																			
8/4	2400	SITP	6446																			
8/5	0100	SITP	6457																			
8/5	0200	SITP	6460																			
8/5	0300	SITP	6464																			
8/5	0400	SITP	6470																			
8/6	0500	SITP	6476																			
8/5	0600	SITP	6479																			
8/5	0700	SITP	6485																			
8/5	0800	SITP	6487

GEOTHERMAL FIELD TEST DATA

PAGE 24

DATE AUGUST 5, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE

COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND

TUBING SIZE _____ SET # _____ PACKER# _____ CASING SIZE _____ SET # _____ T.D. _____ ORIFICE METER (1st 1.939 X .750

[illegible]

GEOTHERMAL FIELD TEST DATA

PAGE 25
DATE AUGUST 5-6, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET e PACKER e CASING SIZE SET e T.D. ORIFICE METER (1st 1.939 X .750)

		WELLHEAD DATA				MANFOLD DATA					GAS MEASURING DATA				FLUID DATA						
DATE	TIME	CH KKE SIZE	TUBING PRESS.	CASING PRESS.	W.H. TEMP.	MANF. TEMP.	MANF. PRESS.	READING	CALC. SAND	CORS. COUP	ORIFICE READING			VOLUME	FLUID METER	+	FLUID METER	+	BBLs PER DAY	CHLORIDES PPM OR SP. G.	GAS WATER RATIO
											DIFF.	PRESS.	TEMP.								
8/5	2400	SITP	6532																		
8/6	0100	SITP	6534																		
8/6	0200	SITP	6535																		
8/6	0300	SITP	6537																		
8/6	0400	SITP	6439																		
8/6	0500	SITP	6541																		
8/6	0600	SITP	6543																		
8/6	0700	SITP	6544																		
8/5	0800	SITP	6546																		
8/6	0900	SITP	6548																		
8/6	1000	SITP	6550																		
8/6	1100	SITP	6551																		
8/6	1200	SITP	6553																		
8/6	1300	SITP	6555																		
8/6	1400	SITP	6556																		

GEOTHERMAL FIELD TEST DATA

PAGE 26
DATE AUGUST 6, 1980

COMPANY EATON OPERATING CO. LEASE P.R. GIROUARD WELL NO. 1 FIELD CADE
COUNTY or PARISH LAFAYETTE STATE LOUISIANA PERF. SAND
TUBING SIZE SET @ PACKER CASING SIZE SET @ T.D. ORIFICE METER (1st 1.939 X .750

[illegible]

APPENDIX L

SAMPLE LOG
(Samples Collected by U.S. Geological Survey, Menlo Park, Calif.)

Sample Volume	SAMPLE TYPE	SAMPLING LOCATION	WELLSITE TESTS	TESTS TO BE PERFORMED OFFSITE
Approx. 6 gal, 3 Samples at 2 gal each	Liquid and Gas	Before Choke	Conductivity Sulfide (H ₂ S) NH ₃ Alkalinity pH Temperature Al Extraction	SiO ₂ Li Mg Fe B Na Ca Mn Cl K Sr Pb F Rb Ba Zn Br Cs Al Hg I SO ₄ ²⁻ Organic Aliphatic Acid Anions (C ₂ - C ₅) Gases: H ₂ CH ₄ CO ₂ He CH ₆ Ar + N ₂ C ₅ O ₂ C ₆ + Isotopes: O ¹⁶ /O ¹⁸ C ¹² /C ¹³ (in both H ₂ O and gas phases) Deuterium
Times: 2330 22 July 0930 23 July 1820 23 July				

SAMPLE LOG

(Samples Collected by IGT for the U.S. Geological Survey, Menlo Park, Calif.)

DATE	SAMPLE VOLUME	SAMPLE TYPE	SAMPLING LOCATION	WELLSITE TESTS	TESTS TO BE PERFORMED OFFSITE		
7/30	2-1/2 liter	Filtered Liquids	After Separator	None	Li	Sr	HCO ₃ ⁻
					Na	Ba	F
					K	Zn	Cl
					Mg	Fe	Br
8/2 at 10:00 am	2-1/2 liter	Filtered Liquids	After Separator	None	Ru	Pb	I ₂
					Cs	Mn	SO ₄
					Ca	NH ₄	Si
					Total Carbons		
					Organic Acid Anions		

SAMPLE LOG

(Samples Collected by IGT for the U.S. Geological Survey, Bay St. Louis, Miss.)

DATE	SAMPLE TYPE	SAMPLING LOCATION	WELLSITE TESTS	TESTS TO BE PERFORMED OFFSITE
7/22 to 7/23	(11) Liquid	After Separator	None	Radium
7/29	(1) Liquid	After Separator	None	Radium
7/30	(1) Liquid			
7/31	(1) Liquid			
8/1	(1) Liquid			
8/2	(1) Liquid			
8/3	(1) Liquid			

SAMPLE LOG

(Samples Collected by J.V. Matson, PhD, P.E.)

DATE	SAMPLE VOLUME	SAMPLE TYPE	SAMPLING LOCATION	WELLSITE TESTS	TESTS TO BE PERFORMED OFFSITE
8/2	5 liters	Liquid	After Separator	Total Hardness Acidity: Alkalinity	Total Organic Carbon: Total Carbon Total Inorganic Carbon Acidity; Alkalinity

SAMPLE LOG

(Samples Collected by McNeese State University)

Sample Volume	SAMPLE TYPE	SAMPLING LOCATION	WELLSITE TESTS	TESTS TO BE PERFORMED OFFSITE
(4) 375 cc (1) 1-gallon	Gas	Separator Sample Port	None	Radioactive Elements
(2) 5-gallon (1) 1-gallon	Filtered Water	After Separator	None	Trace Elements Silicates Full Range of Tests

SAMPLE LOG

(Samples Collected by U.S. Geological Survey, Bay St. Louis, Miss.)

SAMPLE TYPE	SAMPLING LOCATION	WELLSITE TESTS	TESTS TO BE PERFORMED OFFSITE
Gas	Separator	None	^{222}Rn $\text{C}^{12}/\text{C}^{13}$ Ratio
(11) Brine; Filtered, 0.45 micron	After Separator	None	Ra^{226}
(4) Brine; Filtered, 0.45 micron	After Separator	None	Ra^{223} Ra^{224} Th^{230} Th^{234}
(2) Brine; Filtered, 0.45 micron	After Separator	None	U^{234} U^{238}

SAMPLE LOG

(Samples Collected by Weatherly Laboratories)

DATE	SAMPLE TYPE	SAMPLING LOCATION	WELLSITE TESTS	TESTS TO BE PERFORMED OFFSITE
8/1	Separator Output Gas and Brine (In high-pressure cylinder)	After Separator	None	Recombination Differential Liberation Gas Analysis Pressure-Volume Relationship of Combined Fluids Flash Liberation of Separator Brine

JACK V. MATSON, Ph.D., P.E.

CONSULTING ENGINEER
10919 BRAES FOREST
HOUSTON, TEXAS 77071

**REPORT ON SCALE FORMATION FROM GEOTHERMAL GEOPRESSURED
BRINE AT P.R. GIROUAND**

Two on-site visits to P.R. Girovand #1 well were made on July 23 and August 2, 1980 for observation of scale formation. Samples of geothermal brine for chemical analysis were taken on the second visit from the low-pressure side after the water gas separator. The well had been in continuous operation for about 1 - 2 hours before sampling.

During the first visit, the well flowed for about 24 hours at 7,000 bbl/day. No scale formation was observed on the corrosion coupon or inside any of the coupling pipes between the geothermal well and the disposal well.

Scale finally formed in the piping equipment during the final high flow period (18,000 - 20,000 bbl/day). Although no on-site observation of the equipment was made by our group, samples of the scale from different parts of the equipment were gathered by on-site personnel. The scale samples were approximately 1/16 - 1/8 inch in thickness and fairly uniform. The scale samples taken near the christmas tree of the geothermal well were whitish in color and became progressively darker as the disposal well was approached. The scale dissolved in strong hydrochloric acid with the evolution of bubbles, indicating a carbonate scale.

The on-site analysis for various quality measurements is reported below.

Alkalinity (HCO_3)	= 1750 mg CaCO_3 /1 (methyl orange)
pH	= 7.0 pH paper
Total Hardness	= 280 ppm CaCO_3 EDTA/EBT color change
TDS	= 22,500 mg NaCl/liter by conductance

Fluid samples had a light precipitate 6 hours later upon arriving in Houston, Texas. This precipitate appeared by visual examination to be a carbonate precipitate such as calcite. Further analysis of its solids is in progress.

Repeat analyses of the supernate in the laboratory yielded the following results.

Alkalinity	= 1000 mg CaCl_2 /l (methyl orange)
pH	= 7.4 pH meter
Total Hardness	= 286 mg CaCO_3 /l (titration)
Calcium Hardness	= 250 mg CaCO_3 /l (titration)
TDS	= 23,600 mg/l (evaporation and weight)
Total Carbon	= 650 ppm as carbon
Inorganic Carbon	= 220 ppm as C
Organic Carbon	= 430 ppm as C

Further analysis of the supernate is currently in progress.

The alkalinity value as typically determined by phenyl phthalein and methyl orange color changes may be in error if there is a significant quantity of other acids present. Typical interferences would be low molecular weight organic acids such as acetic acid. Procedures used to check this possibility are presently being developed and initial results have been obtained. The importance of determining the proper carbonate system alkalinity is especially important to help predict carbonate scale before it occurs in the equipment.

JACK V. MATSON, Ph.D., P.E.

CONSULTING ENGINEER
10919 BRAES FOREST
HOUSTON, TEXAS 77071

ANALYSIS OF SCALE FROM THE P.R. GIROUARD WELL NO. 1 - LAFAYETTE, LA.

A light thin scale was observed inside of the equipment after the final flow at the P.R. Girouard Well. This scale was found to be about 1/32 of an inch thick and composed of two layers. A scale sample was analyzed on the surface against the pipe using scanning electron microscopy (SEM), and elemental analysis. The scale appeared to be amorphous at 4000 power magnification and composed of 68.01% silica and 31.99% iron. When the scale was analyzed on the cross section using the same techniques above, it was found to be principally calcium (carbonate).

A sample of the scale was placed in 1 N hydrochloric acid. Bubbles evolved from the scale as it slowly dissolved. Only a fine layer of the scale remained undissolved. Addition of a cyanate compound turned the thin layer remaining a reddish color, indicating iron.

Apparently, the scale initially formed as an iron silicate layer, followed by a thick layer of calcium carbonate. The iron may have been from corrosion products of the pipes or part of the iron of the pipe was peeled off when the sample was taken.

A visual summary of the scale using photographs, SEM photographs and X-ray elemental analysis are found on the following pages.

Photograph of Scale Taken From Sand Detector Probe

The scale is mainly composed of calcium carbonate crystals, and a thin layer of iron silicate which formed against the probe. The scale was found to be whitish near the geopressured well head and became darker (iron) as the disposal well was approached. The water was found to have a total alkalinity of 2,000 ppm @ CaCO_3 and a calcium hardness between 100 and 250 ppm @ CaCO_3 . None of the corrosion coupons showed any evidence of scale until the maximum temperature and flow rate conditions were reached.

Girouard Well of Opportunity - Lafayette, Louisiana - September 1980

LEFT: Scanning Electron Microscopy Photograph of Scale Cross-Section

Magnification 120 power. Notice the two distinct bands of crystal structure, both being calcium carbonate.

RIGHT: X-ray Emmission Elemental Analysis of Scale Cross-Section

The large peak indicates pure calcium carbonate.

Girouard Well of Opportunity - Lafayette, Louisiana - September 1980

LEFT: Scanning Electron Microscopy Photograph of Scale

This side was against the sand monitor. Notice the lack of crystal structure even at 4,000 power enlargement.

RIGHT: X-ray Emmissions Elemental Analysis of Scale

This is the thin layer of iron silicate that formed initially against the sand monitor. The heavy peaks are silica and iron.

APPENDIX M

P. R. Girouard Well No. 1 Sonic Sand Detector Charts

Page 6 of 9

APPENDIX N

HORNER TYPE BUILDUP DATA

DOE-EOC, Well of Opportunity Program
Cade Field, Lafayette Parish, La.
PR Girouard Well No. 1

t (total flowing time) = 1454.112 minutes or 1.0098 days

Day	Time	Shut in Time, Minutes (t)	$\frac{t + dt}{dt}$	Pressure (psia)
7-23-80	19:45:00	0	0	11,847.57
"	19:50:00	5	291.8224	11,995.87
"	19:55:00	10	146.41	12,028.55
"	20:00:00	15	97.94	12,052.12
"	20:05:00	20	73.70	12,071.70
"	20:10:00	25	59.16	12,088.13
"	20:15:00	30	49.47	12,103.51
"	20:45:00	60	25.23	12,174.41
"	21:15:00	90	17.16	12,227.35
"	21:45:00	120	13.18	12,271.41
"	22:15:00	150	10.694	12,309.97
"	22:45:00	180	9.078	12,344.44
"	23:15:00	210	7.924	12,375.66
"	23:45:00	240	7.059	12,404.33
7-24-80	00:15:00	270	6.385	12,430.78
"	00:45:00	300	5.847	12,455.37
"	01:15:0	330	5.406	12,478.43
"	01:45:0	360	5.0392	12,500.04
"	02:15:0	390	4.728	12,520.56
"	02:45:0	420	4.462	12,539.69
"	03:15:0	450	4.233	12,557.60
"	03:45:0	480	4.029	12,574.89
"	04:15:0	510	3.851	12,590.94
"	04:45:0	540	3.69	12,606.39
"	05:15:0	570	3.551	12,620.39
"	05:45:0	600	3.423	12,634.92
"	06:15:0	630	3.308	12,648.12
"	06:45:0	660	3.203	12,660.75
"	07:15:0	690	3.107	12,672.74
"	07:45:0	720	3.020	12,683.98
"	08:15:0	750	2.939	12,695.16
"	08:45:0	780	2.865	12,705.78
"	09:15:00	810	2.795	12,715.89
"	09:45:00	840	2.731	12,725.67
"	10:15:00	870	2.671	12,734.99
"	10:45:00	900	2.616	12,745.40
"	11:15:00	930	2.564	12,752.69
"	11:45:00	960	2.515	12,761.14
"	12:15:00	990	2.469	12,769.13
"	13:00:00	1035	2.405	12,780.64

Eaton Industries of Houston, Inc.

DOE CONTRACT NO.
DE-AC08-80ET-27081

Eaton Operating Co., Inc.

3100 Edloe
Houston, Texas 77027
(713) 627-9764

<u>Day</u>	<u>Time</u>	<u>Shut in Time, Minutes (t)</u>	<u>t + dt dt</u>	<u>Pressure (psia)</u>
7-24-80	14:00:00	1095	2.328	12,794.84
"	15:00:00	1155	2.259	12,808.47
"	16:00:00	1215	2.197	12,821.06
"	17:00:00	1275	2.140	12,832.67
"	18:00:00	1335	2.089	12,843.88
"	19:00:00	1395	2.042	12,854.15
"	20:00:00	1455	1.999	12,864.23
"	21:00:00	1515	1.960	12,873.49
"	22:00:00	1575	1.923	12,882.34
"	23:00:00	1635	1.889	12,890.46
7-25-80	00:00:00	1695	1.858	12,898.23
"	01:00:00	1755	1.828	12,905.74
"	02:00:00	1815	1.801	12,912.68
"	03:00:00	1875	1.775	12,919.08
"	04:00:00	1935	1.751	12,925.26
"	05:00:00	1995	1.729	12,931.39
"	06:00:00	2055	1.706	12,937.25
"	07:00:00	2115	1.688	12,942.19
"	08:00:00	2175	1.668	12,948.52
"	09:00:00	2235	1.651	12,953.23
"	10:00:00	2295	1.634	12,958.25
"	11:00:00	2355	1.617	12,966.07
"	12:00:00	2415	1.602	12,969.85
"	13:00:00	2475	1.587	12,973.99
"	14:00:00	2535	1.574	12,978.02
"	15:00:00	2595	1.560	12,981.88
"	16:00:00	2655	1.548	12,985.66
"	17:00:00	2715	1.535	12,989.34
"	18:00:00	2775	1.524	12,992.59
"	19:00:00	2835	1.5129	12,995.94
"	20:00:00	2895	1.502	12,999.14
"	21:00:00	2955	1.492	13,002.23
"	22:00:00	3015	1.482	13,004.51
"	23:00:00	3075	1.473	13,006.50
7-26-80	00:00:00	3135	1.464	13,010.15
"	01:00:00	3195	1.455	13,013.67
"	02:00:00	3255	1.446	13,015.43
*				
*				
7-29-80	22:05:30	8780.5	1.166	13,111.21

* No pressure measuring equipment in the hole during sampling.