

# FLOPETROL JOHNSTON

Denne rapport  
tilhører

 **STATOIL**

## L&U DOK. SENTER

L. NR. 20084500009

KODE Well 31/2-15 NW M

Returneres etter bruk

### SDP/TPT PRESSURE AND TEMPERATURE SURVEY

: SHELL.  
: NORWAY.  
: TROLL.  
: 31/2-15, BHS RUN NO. 1  
: UPPER JURASIC, OXFORDIAN.  
: ELS 84.90.  
: NWB.  
: SDP 84178 / 84163

FLOPETROL JOHNSTON

Schlumberger

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Well DATA acquisition system-Well DATA acquisition system-Well DATA acquisition  
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SDP/TPT PRESSURE AND TEMPERATURE SURVEY

company	: SHELL.
country	: NORWAY.
field	: TROLL.
well	: 31/2-15, BHS RUN NO. 1
tested zone	: UPPER JURASIC, OXFORDIAN.
report nbr.	: ELS 84.90.
base	: NWB.
gauge	: SDP 84178 / 84163

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### GENERAL INFORMATION

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1.1	service	:SDP/TPT PRESSURE AND TEMPERATURE SURVAY.
1.2	company	:SHELL.
1.3	well	:31/2-15
1.4	field	:TROLL.
1.6	country	:NORWAY.
1.7	tested zone	:UPPER JURASIC, OXFORDIAN.
1.8	lat.,long.	:60deg 55' 25,58" N-03deg 34' 02,50" S.

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### OPERATION DATA

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2.1	date of test	:3-NOV-84
2.2	report nbr.	:ELS 84.90.
2.3	base	:NWB.
2.5	recorded by	:GEIR-OLE EIKEMO.
2.6	witnessed by	:LES JHONSTONE.

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### WELL DATA

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3.1	state before test	:CASED HOLE.
3.2	well type	:APPRAISAL.
3.3	fluid type	:BRINE/WATER.
3.5	completion type	:DST-CASED HOLE.
3.6	min. restriction	:1.875" (F-NIPPEL).
3.8	vert. depth	:1677mRKB.
3.9	hole size	:9 5/8".
3.10	Csg size/shoe	:9 5/8".
3.11	tbq. shoe at	:1554mRKB.
3.12	perf. shot density	:12 SHOTS/FT.
3.13	perf. gun type	:BAKER DEEP PENETRATOR.
3.14	perf. conditions	:UNDER BALANCE.
3.15	perf. interval(s)	:1564-1567mRKB.
3.17	static W.H.P.	:1820PSI.
3.20	gas gravity	:0.601.

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### DEPTH INFORMATION

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5.1	depth unit	:METER.
5.2	depth reference	:RKB.
5.3	log ref.,elevation	:RKB.
5.4	total depth drlg.	:1677mRKB.
5.5	total depth FLO.	:1544mRKB.
5.8	gauge M.P. set at	:1543.79mRKB.

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### DOWNHOLE EQUIPMENT

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6.1	cable type	:SLICK-LINE.
6.2	gauge	:SDP/TPT # 84178.
6.3	recorder	:RM. # 84163.
6.5	length	:2.52 M.
6.6	max O.D	:1 11/16".

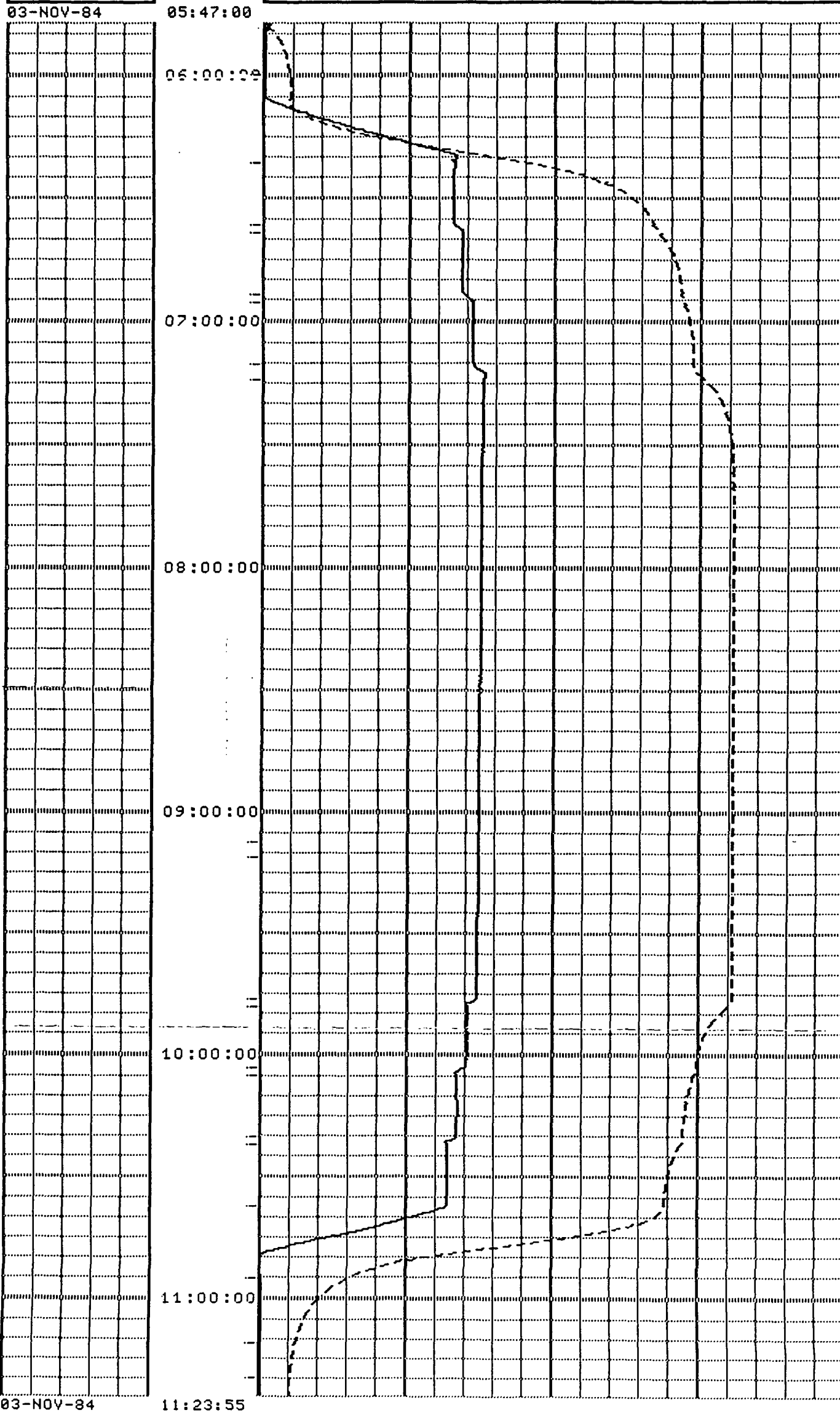
# SEQUENCE OF EVENTS

03-NOV-84 05:17:00	!POWER ON SDP# 84178, RM# 84163.
03-NOV-84 05:32:00	!TOOLS IN LUB.
03-NOV-84 05:39:00	!LUB. CONNECTED.
03-NOV-84 05:45:00	!1ST. GRADIENT STOP IN LUB.
03-NOV-84 06:00:00	!R.I.H.
03-NOV-84 06:21:00	!2ND. GRADIENT STOP @ 1394mRKB.
03-NOV-84 06:36:00	!R.I.H.
03-NOV-84 06:38:00	!3RD. GRADIENT STOP @ 1444mRKB.
03-NOV-84 06:53:00	!R.I.H.
03-NOV-84 06:55:00	!4TH. GRADIENT STOP @ 1494mRKB.
03-NOV-84 07:10:00	!R.I.H.
03-NOV-84 07:14:00	!AT DEPTH 1544mRKB.
03-NOV-84 09:07:00	!1ST. SAMPLER FIRED.
03-NOV-84 09:11:00	!2ND. SAMPLER FIRED.
03-NOV-84 09:46:00	!P.O.O.H.
03-NOV-84 09:48:00	!1ST. GRADIENT STOP @ 1494mRKB.
03-NOV-84 10:03:00	!P.O.O.H.
03-NOV-84 10:05:00	!2ND. GRADIENT STOP @ 1444mRKB.
03-NOV-84 10:20:00	!P.O.O.H.
03-NOV-84 10:22:00	!3RD. GRADIENT STOP @ 1384mRKB.
03-NOV-84 10:37:00	!P.O.O.H.
03-NOV-84 10:55:00	!4TH. GRADIENT STOP IN LUB.
03-NOV-84 11:11:00	!LUB. DISCONNECTED.
03-NOV-84 11:20:00	!TOOLS OFF STRING.
03-NOV-84 11:26:00	!POWER OFF SDP# 84178.

SHELL, WELL: 31/2-15, DST#2, TROLLFIELD, SDP#84178, 2ND. BHS. RUN.

[255] VERSUS TIME LOGGING START TIME: 03-NOV-84 05:17:00 SCALE: 1800. sec/inch

		SDP (psia)	
		0.	4000.
		[50.236]	
		SDT (degF)	
		40.	160.
		[40.411]	



SHELL, WELL:31/2-15, DST#2,TROLLFIELD,SDP#84178,2ND.BHS. RUN.

[252] START TIME:03-NOV-84 05:17:00

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05:17:00 POWER ON SDP# 84178, RM# 84163.  
 05:32:00 TOOLS IN LUB.  
 05:39:00 LUB. CONNECTED.  
 05:45:00 1ST. GRADIENT STOP IN LUB.

03-NOV-84	SDT degF	SDP psia
05:47:00	40.41	50.24
05:47:05	40.57	46.20
05:47:10	40.57	42.51
05:47:15	40.57	39.43
05:47:20	40.73	36.79
05:47:30	40.89	32.53
05:47:40	40.89	29.23
05:47:50	41.05	26.46
05:48:00	41.05	24.24
05:48:20	41.37	20.74
05:48:40	41.53	18.29
05:49:00	41.85	16.49
05:49:20	41.85	15.22
05:50:00	42.48	13.50
05:50:40	42.80	12.45
05:52:00	43.44	11.26
05:54:40	44.23	10.23
06:00:00	R. I. H.	
06:00:00	45.19	9.82
06:02:40	45.51	9.69
06:04:00	45.51	9.82
06:04:40	45.67	9.83
06:05:00	45.67	9.88
06:05:05	45.67	9.85
06:05:10	45.67	10.13
06:05:15	45.67	11.28
06:05:25	45.51	21.04
06:05:30	45.67	24.22
06:05:35	45.67	29.40
06:05:45	45.35	41.96
06:05:55	45.35	54.02
06:06:00	45.51	59.73
06:06:05	45.35	64.62
06:06:10	45.35	69.83
06:06:15	45.19	76.07
06:06:25	45.35	87.85
06:06:30	45.35	93.42
06:06:35	45.35	99.55
06:06:40	45.51	105.35
06:06:45	45.51	111.65
06:06:55	45.51	123.72
06:07:15	45.67	149.85
06:07:25	45.83	164.09
06:07:30	45.83	170.74
06:07:35	45.98	178.12
06:07:40	45.98	185.20
06:07:45	45.98	190.13
06:07:50	46.14	194.41
06:07:55	46.14	201.70
06:08:00	46.30	209.64
06:08:10	46.46	224.86
06:08:20	46.62	241.19
06:08:30	46.94	258.80
06:08:50	47.26	291.63
06:08:55	47.42	297.16
06:09:00	47.57	298.34

03-NOV-84	SDT degF	SDP psia
06:09:05	47.57	301.17
06:09:10	47.89	307.94
06:09:15	47.89	315.64
06:09:25	48.21	330.36
06:09:30	48.21	337.70
06:09:35	48.53	344.57
06:09:40	48.53	350.93
06:09:45	48.69	358.14
06:09:50	49.00	365.73
06:10:00	49.16	381.64
06:10:10	49.64	397.18
06:10:15	49.64	404.57
06:10:20	49.96	412.45
06:10:30	50.27	426.56
06:10:35	50.43	434.09
06:10:45	50.59	448.60
06:10:50	50.91	456.19
06:10:55	51.07	463.38
06:11:00	51.23	471.30
06:11:10	51.54	488.38
06:11:20	51.86	503.99
06:11:30	52.34	520.12
06:11:40	52.81	536.74
06:11:50	53.29	552.63
06:12:00	53.76	567.64
06:12:05	53.92	575.14
06:12:15	54.40	590.59
06:12:20	54.71	598.94
06:12:25	54.87	607.63
06:12:30	55.19	615.03
06:12:35	55.35	622.83
06:12:45	55.98	639.72
06:13:05	56.93	674.60
06:13:15	57.56	691.29
06:13:25	58.20	709.07
06:13:35	58.67	727.25
06:13:40	58.99	736.23
06:14:00	60.25	770.72
06:14:05	60.72	779.20
06:14:10	60.88	788.10
06:14:20	61.67	807.00
06:14:25	61.99	816.85
06:14:30	62.30	825.86
06:14:40	62.93	839.37
06:14:45	63.25	847.01
06:14:50	63.56	855.10
06:14:55	64.04	863.76
06:15:05	64.67	881.81
06:15:15	65.46	898.82
06:15:35	66.87	933.91
06:15:45	67.66	951.82
06:15:55	68.45	969.10
06:16:05	69.23	985.37
06:16:10	69.71	993.78
06:16:15	70.18	1002.51
06:16:25	70.96	1020.67
06:16:30	71.43	1030.40
06:16:40	72.06	1050.94
06:16:45	72.53	1060.81
06:16:55	73.32	1081.48
06:17:05	74.26	1101.64
06:17:15	75.04	1122.11

03-NOV-84	SDT degF	SDP psia
06:17:20	75.36	1132.04
06:17:25	75.83	1142.25
06:17:35	76.61	1162.04
06:17:45	77.55	1182.26
06:17:55	78.49	1202.03
06:18:00	78.81	1211.57
06:18:05	79.27	1221.42
06:18:10	79.74	1230.63
06:18:15	80.06	1238.53
06:18:20	80.68	1246.08
06:18:25	81.15	1253.94
06:18:30	81.62	1262.59
06:18:35	81.93	1271.84
06:18:40	82.40	1280.42
06:18:45	82.87	1286.69
06:18:50	83.34	1292.06
06:18:55	83.65	1297.95
06:19:05	84.59	1308.53
06:19:10	85.06	1313.42
06:19:20	85.84	1321.25
06:19:25	86.46	1324.59
06:19:30	86.77	1327.13
06:19:35	87.24	1327.56
06:19:40	87.71	1327.07
06:19:50	88.64	1326.47
06:19:55	88.96	1326.24
06:20:00	89.42	1324.91
06:20:05	89.89	1319.43
06:20:15	90.67	1303.50
06:20:20	91.13	1295.33
06:20:25	91.45	1293.00
06:20:30	91.91	1297.68
06:20:35	92.38	1302.83
06:20:40	92.69	1307.15
06:20:45	93.16	1310.06
06:20:50	93.47	1311.29
06:20:55	93.93	1311.97
06:21:00	2ND. GRADIENT STOP @ 1394mRKB.	
06:21:15	95.33	1310.39
06:21:35	96.88	1310.15
06:21:45	97.50	1309.72
06:21:50	97.81	1309.36
06:22:00	98.43	1308.24
06:22:20	99.98	1307.87
06:22:30	100.45	1307.31
06:22:35	100.76	1306.83
06:22:40	101.07	1306.77
06:23:00	102.31	1305.07
06:23:10	102.77	1304.84
06:23:30	103.85	1303.77
06:23:40	104.47	1303.22
06:23:45	104.63	1302.54
06:24:05	105.55	1302.00
06:24:15	106.02	1301.49
06:24:20	106.33	1301.64
06:24:40	107.25	1300.42
06:24:45	107.41	1300.37
06:24:55	107.87	1299.64
06:25:00	108.02	1299.18
06:25:10	108.33	1299.30
06:25:20	108.79	1298.09
06:25:25	108.95	1297.77



03-NOV-84	SDT degF	SDP psia
06:25:35	109.41	1297.59
06:25:40	109.57	1297.33
06:26:00	110.34	1297.63
06:26:05	110.34	1297.75
06:26:15	110.80	1297.24
06:26:25	111.11	1297.67
06:26:35	111.41	1297.30
06:26:45	111.72	1297.39
06:26:50	111.88	1297.09
06:27:00	112.18	1297.65
06:27:10	112.49	1297.08
06:27:20	112.65	1297.69
06:27:30	112.95	1297.09
06:27:50	113.42	1297.88
06:28:10	114.03	1298.09
06:28:20	114.34	1297.81
06:28:25	114.34	1297.50
06:28:35	114.65	1297.85
06:28:45	114.80	1297.87
06:28:50	114.95	1298.00
06:28:55	115.11	1298.47
06:29:00	115.11	1298.13
06:29:10	115.26	1298.57
06:29:15	115.41	1298.12
06:29:20	115.57	1298.00
06:29:40	115.88	1298.77
06:29:50	116.03	1298.49
06:30:00	116.34	1299.12
06:30:10	116.34	1299.33
06:30:15	116.49	1299.28
06:30:20	116.64	1298.69
06:30:30	116.80	1299.34
06:30:35	116.80	1299.03
06:30:45	116.95	1299.39
06:30:50	117.10	1299.17
06:31:10	117.26	1299.43
06:31:20	117.57	1299.32
06:31:25	117.57	1299.32
06:31:35	117.72	1298.62
06:31:45	117.87	1298.97
06:31:55	117.87	1298.59
06:32:05	118.03	1298.56
06:32:25	118.33	1299.12
06:32:35	118.49	1299.10
06:32:55	118.64	1298.20
06:33:05	118.79	1298.82
06:33:10	118.79	1299.04
06:33:20	118.95	1298.84
06:33:25	118.95	1298.69
06:33:35	119.10	1298.93
06:33:45	119.10	1298.37
06:33:55	119.25	1298.56
06:34:35	119.56	1297.39
06:34:40	119.56	1296.95
06:34:50	119.71	1297.44
06:35:00	119.71	1297.44
06:35:10	119.87	1297.99
06:35:20	120.02	1297.50
06:35:30	119.87	1297.40
06:35:40	120.02	1296.96
06:35:45	120.17	1297.46
06:35:50	120.17	1300.29

03-NOV-84	SDT degF	SDP psia
06:35:55	120.17	1305.27
06:36:00	R. I. H.	
06:36:00	120.02	1307.41
06:36:05	120.33	1310.13
06:36:10	120.17	1313.26
06:36:15	120.33	1315.95
06:36:20	120.33	1318.20
06:36:25	120.33	1320.75
06:36:35	120.48	1326.59
06:36:40	120.48	1329.42
06:36:50	120.63	1336.11
06:36:55	120.79	1339.02
06:37:05	120.79	1346.52
06:37:15	120.79	1353.48
06:37:20	120.94	1357.00
06:37:25	120.94	1360.12
06:37:35	121.09	1364.62
06:37:40	121.09	1365.85
06:37:45	121.09	1365.90
06:37:50	121.09	1365.58
06:38:00	3RD. GRADIENT STOP @ 1444mRKB.	
06:38:00	121.40	1365.71
06:38:05	121.40	1365.42
06:38:25	121.55	1366.21
06:38:35	121.55	1365.76
06:38:40	121.71	1365.96
06:38:45	121.86	1366.47
06:38:50	121.86	1366.01
06:39:00	122.01	1365.88
06:39:10	122.01	1366.19
06:39:15	122.17	1366.02
06:39:20	122.32	1366.66
06:39:30	122.32	1366.32
06:39:35	122.47	1366.87
06:39:45	122.47	1367.04
06:39:55	122.63	1366.82
06:40:05	122.63	1367.73
06:40:15	122.78	1367.03
06:40:25	122.93	1367.33
06:40:30	122.93	1366.97
06:40:35	122.93	1366.97
06:40:45	123.08	1367.69
06:40:50	123.08	1368.12
06:40:55	123.08	1367.60
06:41:00	123.24	1367.61
06:41:10	123.24	1368.09
06:41:30	123.39	1367.56
06:41:40	123.39	1367.85
06:41:45	123.54	1367.48
06:42:05	123.70	1367.45
06:42:15	123.70	1368.14
06:42:20	123.85	1368.16
06:42:30	123.85	1367.68
06:42:40	124.00	1367.98
06:42:50	124.00	1367.04
06:42:55	124.00	1366.99
06:43:00	124.16	1367.57
06:43:20	124.31	1367.68
06:43:40	124.46	1366.99
06:43:50	124.46	1366.88
06:43:55	124.46	1367.00
06:44:05	124.46	1366.06

03-NOV-84	SDT degF	SDP psia
06:44:25	124.62	1366.21
06:44:30	124.62	1365.66
06:44:35	124.77	1365.72
06:44:45	124.62	1366.79
06:44:50	124.77	1367.00
06:45:00	124.77	1366.20
06:45:10	124.92	1366.63
06:45:15	124.77	1366.59
06:45:20	124.92	1366.22
06:45:25	124.92	1366.52
06:45:35	124.92	1366.34
06:45:45	125.07	1366.65
06:45:50	124.92	1367.07
06:46:00	125.07	1366.72
06:46:20	125.07	1366.79
06:46:30	125.23	1366.30
06:46:35	125.23	1366.36
06:46:40	125.23	1366.74
06:46:50	125.23	1366.30
06:46:55	125.23	1366.21
06:47:05	125.23	1366.77
06:47:10	125.38	1366.23
06:47:20	125.38	1366.32
06:47:25	125.38	1366.00
06:47:35	125.38	1366.18
06:47:45	125.53	1366.03
06:47:55	125.38	1366.58
06:48:00	125.38	1366.42
06:48:05	125.53	1366.60
06:48:10	125.53	1366.31
06:48:15	125.53	1366.43
06:48:20	125.53	1367.04
06:48:30	125.53	1367.07
06:48:40	125.69	1366.59
06:49:00	125.69	1366.72
06:49:10	125.69	1366.33
06:49:30	125.69	1366.30
06:49:50	125.69	1366.76
06:50:00	125.84	1366.97
06:50:20	125.84	1366.56
06:50:30	125.84	1366.52
06:50:35	125.84	1366.17
06:50:45	125.84	1366.61
06:50:55	125.84	1366.25
06:51:00	125.99	1366.48
06:51:05	125.99	1366.22
06:51:15	125.84	1366.73
06:51:35	125.84	1366.90
06:51:45	125.99	1367.11
06:52:05	125.99	1366.48
06:52:25	125.99	1366.65
06:52:30	126.14	1366.89
06:52:35	125.99	1366.39
06:52:40	125.99	1366.22
06:52:45	125.99	1366.85
06:52:50	125.99	1368.12
06:52:55	125.99	1370.35
06:53:00	R. I. H.	
06:53:15	125.99	1381.83
06:53:25	126.14	1387.60
06:53:35	126.14	1392.99
06:53:40	126.30	1395.87

03-NOV-84	SDT degF	SDP psia
06:53:50	126.30	1400.83
06:54:00	126.14	1406.66
06:54:05	126.14	1409.51
06:54:15	126.30	1415.72
06:54:20	126.30	1418.30
06:54:25	126.30	1421.32
06:54:30	126.45	1423.82
06:54:40	126.45	1429.60
06:54:45	126.45	1432.38
06:54:50	126.45	1434.69
06:54:55	126.45	1436.38
06:55:00	4TH. GRADIENT STOP @ 1494mRKB.	
06:55:05	126.45	1437.86
06:55:15	126.60	1437.70
06:55:20	126.60	1437.42
06:55:30	126.76	1437.58
06:55:35	126.76	1437.79
06:55:40	126.60	1437.18
06:55:50	126.76	1437.21
06:55:55	126.76	1437.09
06:56:00	126.76	1437.31
06:56:10	126.91	1437.15
06:56:15	126.91	1437.04
06:56:20	126.91	1437.54
06:56:25	126.91	1437.71
06:56:35	127.06	1437.12
06:56:45	126.91	1437.66
06:56:50	127.06	1437.37
06:57:10	127.06	1437.66
06:57:20	127.21	1437.26
06:57:25	127.21	1437.60
06:57:35	127.21	1437.41
06:57:40	127.21	1437.11
06:57:50	127.21	1437.29
06:58:00	127.37	1437.16
06:58:10	127.37	1436.69
06:58:15	127.37	1436.64
06:58:25	127.37	1437.10
06:58:30	127.52	1437.09
06:58:35	127.52	1436.71
06:58:45	127.52	1436.78
06:58:55	127.52	1436.30
06:59:05	127.52	1436.98
06:59:25	127.52	1436.66
06:59:35	127.52	1436.25
06:59:45	127.67	1436.29
06:59:50	127.67	1436.58
06:59:55	127.67	1436.27
07:00:15	127.67	1436.31
07:00:20	127.67	1436.10
07:00:25	127.83	1435.55
07:00:45	127.83	1435.20
07:00:55	127.83	1434.86
07:01:15	127.83	1434.69
07:01:25	127.98	1434.75
07:01:30	127.98	1434.46
07:01:40	127.98	1434.63
07:01:45	127.98	1434.37
07:02:05	127.98	1434.68
07:02:15	128.13	1434.36
07:02:20	127.98	1434.36
07:02:25	128.13	1434.94

03-NOV-84	SDT degF	SDP psia
07:02:30	127.98	1435.13
07:02:40	127.98	1434.61
07:02:50	128.13	1435.15
07:03:00	128.13	1435.23
07:03:05	128.13	1435.49
07:03:10	128.13	1435.42
07:03:15	128.13	1435.06
07:03:20	128.28	1435.17
07:03:25	128.13	1435.63
07:03:45	128.28	1435.46
07:03:50	128.13	1435.35
07:04:00	128.28	1435.97
07:04:05	128.28	1436.28
07:04:15	128.13	1436.04
07:04:25	128.13	1436.10
07:04:35	128.28	1436.71
07:04:45	128.28	1436.42
07:04:50	128.28	1436.59
07:05:00	128.28	1436.32
07:05:10	128.28	1436.35
07:05:15	128.28	1436.54
07:05:20	128.28	1436.13
07:05:25	128.28	1436.08
07:05:35	128.44	1436.83
07:05:45	128.28	1436.98
07:05:55	128.28	1436.42
07:06:05	128.44	1437.11
07:06:15	128.44	1437.06
07:06:20	128.44	1437.23
07:06:40	128.44	1436.97
07:06:50	128.44	1436.56
07:06:55	128.44	1436.95
07:07:15	128.44	1436.46
07:07:25	128.44	1436.92
07:07:35	128.59	1436.53
07:07:45	128.44	1436.48
07:07:55	128.44	1436.82
07:08:00	128.44	1436.82
07:08:20	128.44	1436.39
07:08:30	128.44	1436.53
07:08:40	128.44	1436.97
07:09:00	128.44	1436.80
07:09:10	128.59	1436.17
07:09:20	128.44	1436.42
07:09:25	128.59	1436.53
07:09:35	128.44	1436.02
07:09:40	128.44	1436.10
07:09:45	128.59	1435.70
07:09:55	128.59	1436.07
07:10:00	R. I. H.	
07:10:00	128.44	1436.44
07:10:05	128.44	1437.79
07:10:10	128.44	1439.96
07:10:20	128.59	1445.13
07:10:25	128.59	1447.44
07:10:35	128.59	1451.17
07:10:40	128.59	1453.09
07:10:50	128.59	1457.49
07:10:55	128.74	1459.61
07:11:00	128.74	1462.89
07:11:10	128.59	1470.12
07:11:15	128.74	1473.54

03-NOV-84	SDT degF	SDP psia
07:11:25	128.74	1481.59
07:11:30	128.74	1484.61
07:11:35	128.89	1488.29
07:11:40	128.89	1492.69
07:11:45	128.89	1496.65
07:11:50	129.05	1499.94
07:11:55	129.05	1503.83
07:12:05	129.20	1512.81
07:12:10	129.20	1516.81
07:12:15	129.35	1519.63
07:12:20	129.50	1520.54
07:12:25	129.50	1520.01
07:12:30	129.50	1519.17
07:12:50	129.81	1518.37
07:13:10	130.11	1519.43
07:13:20	130.27	1519.35
07:13:25	130.27	1515.64
07:13:30	130.42	1509.30
07:13:35	130.57	1507.45
07:13:40	130.42	1506.91
07:14:00	AT DEPTH	1544mRKB.
07:14:00	130.88	1508.38
07:14:10	131.03	1508.61
07:14:20	131.18	1509.56
07:14:25	131.18	1509.71
07:14:35	131.33	1508.65
07:14:40	131.49	1508.72
07:14:45	131.49	1509.13
07:14:55	131.64	1509.36
07:15:00	131.64	1509.43
07:15:10	131.79	1508.81
07:15:15	131.94	1508.64
07:15:35	132.10	1508.75
07:15:45	132.25	1508.06
07:15:50	132.40	1508.31
07:16:00	132.40	1508.05
07:16:05	132.71	1508.41
07:16:15	132.71	1508.31
07:16:35	132.86	1508.76
07:16:40	133.01	1508.99
07:17:00	133.16	1508.70
07:17:10	133.32	1508.32
07:17:20	133.47	1508.33
07:17:25	133.47	1508.43
07:17:35	133.47	1508.34
07:17:45	133.62	1507.77
07:17:50	133.77	1507.76
07:17:55	133.62	1507.41
07:18:05	133.77	1507.75
07:18:10	133.77	1507.22
07:18:20	133.92	1507.24
07:18:25	134.08	1507.16
07:18:30	134.08	1507.40
07:18:50	134.08	1506.93
07:19:00	134.23	1507.07
07:19:20	134.38	1505.80
07:19:40	134.53	1505.98
07:19:50	134.53	1506.17
07:20:00	134.69	1505.51
07:20:10	134.84	1505.65
07:20:20	134.84	1506.23
07:20:30	134.84	1505.24

03-NOV-84	SDT degF	SDP psia
07:20:40	134.84	1506.08
07:21:00	134.99	1506.05
07:21:10	134.99	1506.26
07:21:15	134.99	1506.38
07:21:20	135.14	1506.13
07:21:25	135.14	1506.33
07:21:35	135.29	1506.45
07:21:40	135.29	1506.48
07:21:45	135.14	1506.15
07:21:55	135.29	1506.89
07:22:35	135.45	1507.14
07:22:45	135.45	1507.27
07:22:50	135.45	1506.93
07:23:00	135.60	1507.50
07:23:05	135.60	1507.62
07:23:15	135.60	1507.45
07:23:25	135.60	1507.88
07:23:30	135.75	1507.80
07:23:35	135.75	1507.26
07:23:40	135.75	1507.29
07:23:45	135.75	1507.73
07:23:55	135.75	1507.80
07:24:00	135.75	1507.96
07:24:20	135.75	1507.77
07:24:25	135.90	1507.35
07:24:30	135.75	1507.31
07:24:35	135.90	1506.92
07:24:55	135.90	1506.63
07:25:00	135.90	1506.45
07:25:10	135.90	1507.20
07:25:30	136.06	1507.19
07:25:35	136.06	1507.22
07:25:45	136.06	1506.91
07:25:50	136.06	1506.83
07:26:10	136.06	1507.41
07:26:30	136.06	1507.24
07:26:35	136.21	1507.01
07:26:40	136.21	1507.16
07:26:50	136.21	1506.67
07:26:55	136.21	1506.91
07:27:00	136.21	1506.80
07:27:10	136.21	1506.97
07:27:20	136.21	1506.45
07:27:25	136.36	1506.21
07:27:35	136.21	1506.33
07:28:15	136.36	1506.20
07:28:35	136.36	1505.91
07:28:55	136.36	1506.13
07:29:15	136.51	1506.05
07:29:35	136.51	1505.56
07:29:45	136.51	1505.56
07:29:55	136.51	1505.88
07:30:05	136.51	1505.52
07:30:10	136.51	1505.30
07:30:20	136.51	1505.52
07:30:25	136.51	1505.32
07:30:35	136.51	1505.39
07:30:40	136.51	1504.84
07:31:00	136.51	1505.01
07:31:05	136.51	1505.27
07:31:10	136.51	1504.87
07:31:30	136.51	1504.91

03-NOV-84	SDT degF	SDP psia
07:31:40	136.66	1504.64
07:31:45	136.66	1504.66
07:31:50	136.51	1504.29
07:32:00	136.66	1504.70
07:32:10	136.51	1504.28
07:32:30	136.51	1504.23
07:32:35	136.66	1504.01
07:32:40	136.51	1504.50
07:32:45	136.51	1504.50
07:32:50	136.66	1504.20
07:33:00	136.66	1504.58
07:33:10	136.66	1504.17
07:33:15	136.66	1504.18
07:33:25	136.51	1504.74
07:33:30	136.66	1504.80
07:33:50	136.66	1503.98
07:33:55	136.66	1503.59
07:34:05	136.66	1504.11
07:34:25	136.66	1503.31
07:34:45	136.66	1503.40
07:34:55	136.66	1503.35
07:35:00	136.66	1502.94
07:35:05	136.66	1503.16
07:35:25	136.82	1503.17
07:35:45	136.82	1503.51
07:36:05	136.82	1502.67
07:36:15	136.66	1502.89
07:36:25	136.82	1502.69
07:36:30	136.66	1503.01
07:36:40	136.66	1503.02
07:36:45	136.82	1503.03
07:36:55	136.82	1502.55
07:37:05	136.82	1502.86
07:37:15	136.82	1502.72
07:37:25	136.82	1502.16
07:37:30	136.66	1502.31
07:37:35	136.82	1502.02
07:37:55	136.82	1502.67
07:38:15	136.82	1502.40
07:38:20	136.82	1502.35
07:38:30	136.66	1501.64
07:38:40	136.66	1502.08
07:38:45	136.82	1501.96
07:38:50	136.82	1502.14
07:38:55	136.82	1501.82
07:39:05	136.82	1502.18
07:39:15	136.82	1501.67
07:39:20	136.82	1501.43
07:39:40	136.82	1501.56
07:39:45	136.82	1501.68
07:39:55	136.66	1501.23
07:40:35	136.82	1501.24
07:40:45	136.82	1500.78
07:41:05	136.82	1500.69
07:41:10	136.82	1500.95
07:41:30	136.97	1500.53
07:41:40	136.82	1500.47
07:41:45	136.82	1500.42
07:41:55	136.82	1500.71
07:42:00	136.82	1500.33
07:42:10	136.82	1500.49
07:42:20	136.82	1500.28



03-NOV-84	SDT degF	SDP psia
07:42:25	136.82	1499.99
07:42:45	136.82	1500.09
07:42:55	136.82	1499.89
07:43:00	136.82	1499.79
07:43:05	136.82	1500.16
07:43:10	136.82	1500.23
07:43:20	136.82	1499.75
07:43:30	136.82	1499.99
07:43:35	136.82	1500.28
07:43:40	136.82	1499.91
07:43:50	136.82	1499.51
07:43:55	136.82	1499.24
07:44:05	136.82	1499.55
07:44:25	136.82	1499.33
07:44:30	136.82	1498.99
07:44:50	136.82	1499.87
07:45:00	136.82	1499.79
07:45:10	136.82	1500.15
07:45:20	136.82	1499.75
07:45:25	136.97	1499.81
07:45:35	136.97	1499.49
07:45:40	136.97	1499.76
07:45:45	136.82	1499.40
07:46:05	136.82	1499.62
07:46:15	136.82	1499.98
07:46:25	136.97	1499.88
07:46:30	136.82	1499.86
07:46:40	136.82	1499.41
07:46:50	136.82	1499.45
07:46:55	136.97	1499.73
07:47:15	136.82	1500.09
07:47:35	136.82	1499.94
07:47:40	136.97	1500.07
07:47:50	136.82	1499.46
07:48:10	136.97	1499.11
07:48:15	136.82	1499.36
07:48:25	136.82	1499.28
07:48:30	136.97	1498.94
07:48:40	136.97	1499.28
07:50:00	136.82	1499.53
07:50:10	136.82	1499.36
07:50:15	136.82	1499.62
07:50:20	136.82	1499.50
07:50:25	136.82	1499.09
07:51:05	136.82	1498.83
07:51:15	136.97	1498.33
07:51:25	136.97	1498.24
07:51:35	136.97	1498.74
07:51:40	136.97	1499.03
07:51:50	136.82	1498.73
07:52:00	136.82	1498.99
07:52:05	136.97	1498.89
07:52:10	136.97	1498.41
07:52:20	136.97	1498.67
07:52:30	136.82	1498.41
07:52:35	136.97	1498.67
07:52:45	136.82	1498.46
07:53:05	136.82	1498.70
07:53:10	136.97	1498.65
07:53:20	136.97	1498.09
07:53:25	136.97	1498.33
07:53:45	136.97	1497.97

03-NOV-84	SDT degF	SDP psia
07:53:55	136.82	1498.32
07:54:00	136.82	1498.37
07:54:20	136.97	1497.70
07:54:25	136.82	1497.71
07:54:35	136.82	1498.47
07:54:45	136.97	1498.21
07:54:50	136.82	1498.03
07:54:55	136.82	1498.39
07:55:35	136.97	1498.23
07:55:55	136.97	1498.14
07:56:15	136.97	1498.43
07:56:25	136.82	1498.46
07:56:30	136.97	1498.40
07:56:35	136.82	1498.01
07:56:55	136.97	1498.11
07:57:15	136.82	1497.74
07:57:35	136.82	1497.81
07:57:45	136.97	1498.02
07:57:55	136.82	1497.64
07:58:00	136.97	1497.88
07:58:05	136.82	1497.43
07:58:10	136.97	1497.42
07:58:15	136.82	1498.08
07:58:20	136.97	1498.00
07:58:25	136.97	1497.63
07:58:35	136.82	1497.96
07:58:45	136.97	1497.63
07:58:50	136.97	1497.56
07:58:55	136.97	1497.80
07:59:00	136.97	1497.42
07:59:20	136.97	1498.12
07:59:40	136.82	1498.17
07:59:50	136.97	1498.36
08:00:00	136.97	1498.17
08:00:10	136.82	1498.32
08:00:30	136.97	1498.17
08:00:40	136.97	1497.80
08:00:50	136.82	1498.32
08:01:00	136.82	1498.22
08:01:05	136.97	1498.24
08:01:10	136.82	1497.96
08:01:15	136.82	1498.05
08:01:25	136.97	1497.53
08:01:35	136.97	1497.49
08:01:40	136.97	1497.41
08:01:50	136.82	1497.81
08:02:00	136.82	1497.60
08:02:10	136.97	1497.83
08:02:15	136.97	1498.16
08:02:25	136.82	1497.77
08:02:45	136.97	1497.56
08:02:50	136.82	1497.24
08:03:10	136.97	1497.68
08:03:30	136.82	1497.07
08:03:50	136.82	1496.97
08:04:00	136.82	1496.85
08:04:20	136.82	1497.28
08:04:40	136.97	1498.06
08:04:50	136.97	1498.26
08:05:10	136.82	1498.06
08:05:20	136.97	1498.11
08:05:25	136.97	1497.95

03-NOV-84	SDT degF	SDP psia
08:05:30	136.97	1498.14
08:05:40	136.97	1497.78
08:05:45	136.97	1497.47
08:05:55	136.97	1497.90
08:06:35	136.82	1498.03
08:06:40	136.97	1498.40
08:06:45	136.97	1498.36
08:06:55	136.97	1497.99
08:07:05	136.82	1498.06
08:07:25	136.97	1497.46
08:07:35	136.82	1497.36
08:07:40	136.97	1497.53
08:07:50	136.97	1497.41
08:08:10	136.82	1497.74
08:08:30	136.97	1497.47
08:08:40	136.97	1497.20
08:08:50	136.97	1497.25
08:08:55	136.97	1497.53
08:09:15	136.97	1497.44
08:09:25	136.82	1497.74
08:09:35	136.82	1497.52
08:09:55	136.82	1497.96
08:10:15	136.82	1497.62
08:10:25	136.97	1497.47
08:10:30	136.97	1497.18
08:10:40	136.97	1497.44
08:10:45	136.82	1497.06
08:11:05	136.82	1497.31
08:11:10	136.97	1497.66
08:11:20	136.97	1497.63
08:11:25	136.97	1497.68
08:11:35	136.82	1497.31
08:11:40	136.97	1497.27
08:11:45	136.97	1496.88
08:11:50	136.97	1497.15
08:12:00	136.82	1497.23
08:12:05	136.82	1497.59
08:12:25	136.97	1496.96
08:12:45	136.97	1497.29
08:12:55	136.97	1497.39
08:13:00	136.82	1497.23
08:13:10	136.82	1497.43
08:13:15	136.82	1496.95
08:13:25	136.97	1497.22
08:13:30	136.82	1497.14
08:13:40	136.97	1497.61
08:13:50	136.97	1497.71
08:13:55	136.97	1497.87
08:14:15	136.82	1497.18
08:14:25	136.82	1497.04
08:14:30	136.97	1497.30
08:14:50	136.97	1497.01
08:14:55	136.97	1496.77
08:15:05	136.97	1497.39
08:15:25	136.97	1497.08
08:15:30	136.82	1497.23
08:15:40	136.82	1497.11
08:15:45	136.97	1497.32
08:15:55	136.97	1496.93
08:16:00	136.97	1496.79
08:16:05	136.82	1497.06
08:16:15	136.97	1496.91

03-NOV-84	SDT degF	SDP psia
08:16:25	136.97	1497.10
08:16:35	136.97	1496.69
08:16:55	136.82	1496.60
08:17:05	136.97	1496.57
08:17:10	136.97	1496.72
08:17:20	136.82	1496.51
08:17:30	136.97	1496.83
08:17:40	136.97	1496.69
08:17:45	136.82	1496.37
08:17:55	136.97	1496.66
08:18:00	136.97	1496.47
08:18:10	136.82	1496.73
08:18:30	136.97	1496.30
08:18:50	136.97	1496.43
08:19:00	136.97	1496.23
08:19:20	136.82	1496.54
08:19:30	136.97	1496.31
08:19:35	136.97	1496.50
08:19:45	136.97	1496.14
08:20:05	136.97	1496.31
08:20:25	136.82	1496.12
08:20:35	136.82	1496.39
08:20:55	136.82	1496.44
08:21:05	136.82	1496.02
08:21:25	136.97	1496.43
08:21:45	136.97	1496.25
08:21:55	136.97	1496.23
08:22:00	136.97	1495.96
08:22:10	136.97	1496.35
08:22:20	136.97	1496.31
08:22:30	136.97	1495.90
08:22:40	136.97	1496.20
08:23:00	136.97	1495.65
08:23:10	136.97	1496.04
08:23:20	136.82	1496.13
08:23:30	136.97	1495.79
08:23:35	136.82	1495.49
08:23:55	136.97	1496.11
08:24:05	136.97	1496.04
08:24:25	136.97	1495.32
08:24:45	136.97	1495.41
08:25:05	136.82	1495.02
08:25:25	136.82	1495.23
08:25:35	136.82	1495.11
08:25:45	136.82	1495.55
08:25:55	136.97	1495.29
08:26:00	136.82	1495.32
08:26:10	136.82	1494.68
08:26:20	136.97	1494.69
08:26:25	136.82	1494.84
08:26:35	136.82	1494.53
08:26:45	136.97	1494.64
08:26:50	136.82	1495.01
08:27:10	136.82	1494.77
08:27:20	136.97	1494.81
08:27:25	136.82	1495.11
08:27:35	136.82	1494.96
08:27:40	136.82	1494.63
08:27:50	136.82	1495.01
08:28:00	136.82	1494.53
08:28:05	136.97	1494.76
08:28:15	136.97	1494.32

03-NOV-84	SDT degF	SDP psia
08:28:35	136.97	1494.74
08:28:45	136.82	1494.41
08:28:50	136.97	1494.69
08:29:10	136.97	1494.83
08:29:30	136.82	1494.41
08:29:35	136.82	1494.56
08:29:45	136.97	1494.40
08:29:55	136.97	1494.64
08:30:00	136.82	1494.51
08:30:20	136.97	1494.95
08:30:40	136.97	1494.54
08:31:00	136.97	1494.49
08:31:10	136.97	1494.23
08:31:30	136.97	1494.28
08:31:40	136.97	1494.44
08:32:00	136.82	1494.29
08:32:10	136.97	1494.23
08:32:15	136.97	1494.21
08:32:25	136.97	1493.79
08:32:35	136.97	1494.11
08:32:55	136.82	1493.80
08:33:05	136.82	1493.66
08:33:10	136.82	1493.34
08:33:20	136.97	1493.57
08:33:25	136.82	1493.42
08:33:35	136.82	1494.14
08:33:45	136.82	1494.19
08:33:50	136.97	1494.27
08:34:00	136.82	1493.78
08:34:10	136.82	1494.12
08:34:20	136.97	1493.74
08:34:40	136.97	1493.86
08:34:45	136.97	1493.63
08:34:50	136.97	1493.89
08:35:10	136.97	1493.48
08:35:20	136.97	1493.19
08:35:40	136.97	1493.28
08:35:50	136.82	1493.39
08:36:00	136.97	1493.14
08:36:10	136.97	1493.46
08:36:20	136.82	1493.04
08:36:30	136.82	1493.59
08:36:40	136.97	1493.70
08:36:45	136.97	1493.79
08:37:05	136.97	1493.36
08:37:10	136.97	1493.12
08:37:30	136.82	1493.27
08:37:40	136.82	1493.39
08:38:00	136.82	1493.11
08:38:20	136.97	1493.40
08:38:40	136.82	1493.23
08:38:45	136.97	1493.17
08:38:50	136.97	1493.43
08:39:10	136.97	1492.90
08:39:30	136.97	1493.31
08:39:50	136.82	1492.93
08:40:10	136.97	1492.95
08:40:20	136.82	1492.74
08:40:25	136.97	1492.54
08:40:35	136.82	1493.13
08:40:55	136.97	1492.80
08:41:05	136.97	1492.61

03-NOV-84	SDT degF	SDP psia
08:41:10	136.97	1492.20
08:41:15	136.97	1492.30
08:41:20	136.97	1492.05
08:41:30	136.97	1492.54
08:41:40	136.82	1492.62
08:42:00	136.97	1492.17
08:42:10	136.97	1492.46
08:42:20	136.82	1491.99
08:42:30	136.97	1492.41
08:42:35	136.82	1492.40
08:42:40	136.97	1492.05
08:42:50	136.82	1492.58
08:43:10	136.97	1492.08
08:43:30	136.97	1492.29
08:43:40	136.97	1492.44
08:44:00	136.97	1492.00
08:44:10	136.97	1492.29
08:44:30	136.82	1491.44
08:44:35	136.82	1491.53
08:44:40	136.97	1491.98
08:44:45	136.97	1492.13
08:44:55	136.97	1491.74
08:45:15	136.97	1491.91
08:45:20	136.97	1491.89
08:45:30	136.82	1492.23
08:45:40	136.82	1492.05
08:45:45	136.82	1491.76
08:46:05	136.97	1491.53
08:46:10	136.97	1491.55
08:46:15	136.97	1491.94
08:46:35	136.97	1491.69
08:47:15	136.97	1491.71
08:47:35	136.82	1491.88
08:47:45	136.97	1492.03
08:47:55	136.97	1491.33
08:48:15	136.97	1491.77
08:48:20	136.97	1491.53
08:48:30	136.97	1491.88
08:49:10	136.82	1491.49
08:49:15	136.97	1491.57
08:49:20	136.82	1491.15
08:49:40	136.97	1491.45
08:50:00	136.97	1491.35
08:50:10	136.97	1491.04
08:50:30	136.82	1491.51
08:50:50	136.97	1491.33
08:51:00	136.97	1491.64
08:51:20	136.97	1491.43
08:51:25	136.97	1491.55
08:51:35	136.97	1491.18
08:51:45	136.82	1491.25
08:51:55	136.97	1490.95
08:52:35	136.82	1491.20
08:52:55	136.97	1490.63
08:53:15	136.82	1490.60
08:53:20	136.97	1490.72
08:53:25	136.97	1490.36
08:53:45	136.97	1490.83
08:54:05	136.82	1490.55
08:54:10	136.97	1490.31
08:54:30	136.97	1490.48
08:54:40	136.97	1490.70

03-NOV-84	SDT degF	SDP psia
08:54:50	136.82	1490.33
08:54:55	136.82	1490.07
08:55:15	136.97	1490.61
08:55:25	136.82	1490.62
08:55:35	136.97	1490.31
08:56:15	136.82	1490.47
08:56:25	136.97	1490.53
08:56:45	136.82	1490.07
08:57:05	136.97	1490.49
08:57:15	136.97	1490.46
08:57:25	136.97	1490.12
08:57:30	136.97	1489.93
08:57:35	136.82	1490.13
08:57:45	136.82	1490.02
08:57:50	136.97	1490.05
08:57:55	136.97	1489.69
08:58:05	136.97	1490.27
08:58:15	136.97	1490.15
08:58:20	136.97	1489.78
08:58:30	136.97	1490.15
08:58:40	136.82	1489.94
08:58:45	136.82	1489.63
08:58:55	136.97	1490.05
09:00:15	136.97	1490.32
09:00:55	136.82	1489.92
09:01:15	136.97	1489.71
09:01:25	136.97	1489.96
09:02:05	136.82	1489.53
09:02:25	136.82	1489.27
09:02:30	136.82	1489.31
09:02:35	136.97	1488.92
09:02:45	136.97	1488.85
09:02:55	136.97	1489.18
09:03:05	136.97	1488.94
09:03:25	136.97	1489.14
09:03:35	136.97	1489.28
09:03:40	136.82	1488.93
09:03:50	136.82	1489.31
09:03:55	136.82	1488.74
09:04:00	136.82	1488.66
09:04:05	136.97	1489.28
09:04:45	136.82	1488.85
09:04:50	136.97	1488.72
09:05:00	136.97	1489.01
09:05:20	136.97	1489.09
09:05:30	136.97	1489.11
09:05:35	136.97	1488.84
09:06:15	136.97	1488.29
09:06:35	136.97	1488.24
09:06:45	136.97	1488.19
09:06:50	136.82	1487.75
09:07:00	1ST. SAMPLER FIRED.	
09:07:10	136.97	1488.46
09:07:30	136.82	1488.50
09:08:10	136.97	1488.12
09:08:20	136.97	1488.14
09:08:25	136.97	1487.69
09:08:35	136.97	1488.04
09:08:40	136.97	1488.26
09:09:00	136.97	1487.93
09:09:10	136.97	1487.85
09:09:15	136.82	1487.84

03-NOV-84	SDT degF	SDP psia
09:09:35	136.82	1487.43
09:09:40	136.97	1487.54
09:09:45	136.82	1487.27
09:09:55	136.97	1487.68
09:10:15	136.97	1487.42
09:10:25	136.97	1487.47
09:10:30	136.82	1487.33
09:10:40	136.97	1487.61
09:10:50	136.97	1487.52
09:11:00	2ND. SAMPLER FIRED.	
09:11:00	136.82	1487.75
09:11:20	136.97	1487.88
09:11:30	136.97	1487.56
09:11:50	136.97	1487.59
09:12:00	136.97	1487.56
09:12:10	136.97	1487.20
09:12:20	136.97	1487.28
09:12:25	136.82	1487.33
09:12:35	136.97	1486.96
09:12:55	136.82	1487.19
09:13:35	136.97	1486.74
09:13:45	136.97	1486.98
09:13:55	136.97	1486.87
09:14:05	136.97	1486.43
09:14:25	136.82	1486.10
09:14:35	136.82	1486.23
09:14:55	136.82	1486.87
09:15:00	136.82	1486.68
09:15:10	136.82	1485.98
09:15:15	136.82	1486.27
09:15:35	136.97	1486.60
09:15:45	136.82	1486.56
09:15:55	136.97	1485.99
09:16:05	136.97	1486.09
09:16:25	136.97	1485.58
09:16:30	136.97	1485.56
09:16:35	136.82	1485.88
09:17:15	136.82	1486.25
09:17:25	136.97	1486.45
09:17:35	136.82	1486.06
09:17:45	136.97	1486.07
09:18:05	136.82	1485.72
09:18:45	136.97	1485.95
09:19:25	136.97	1485.54
09:19:30	136.97	1485.42
09:20:10	136.97	1485.42
09:20:20	136.82	1485.26
09:20:30	136.82	1485.57
09:21:10	136.97	1485.12
09:21:15	136.97	1485.37
09:21:35	136.97	1484.84
09:21:45	136.82	1485.04
09:22:05	136.97	1484.84
09:22:15	136.82	1485.09
09:22:35	136.97	1485.18
09:22:55	136.97	1484.77
09:23:35	136.82	1485.16
09:23:45	136.97	1485.10
09:23:55	136.82	1484.73
09:24:15	136.97	1484.79
09:24:35	136.97	1484.40
09:24:45	136.82	1484.48



03-NOV-84	SDT degF	SDP psia
09:24:50	136.97	1484.59
09:25:00	136.97	1484.33
09:25:05	136.97	1484.64
09:25:15	136.82	1484.65
09:25:35	136.97	1484.16
09:26:15	136.97	1484.11
09:26:20	136.97	1483.96
09:26:30	136.82	1484.36
09:26:40	136.97	1484.23
09:26:45	136.97	1484.31
09:26:55	136.82	1484.00
09:27:15	136.97	1483.97
09:27:35	136.82	1483.47
09:27:45	136.97	1483.82
09:29:05	136.97	1483.70
09:29:45	136.97	1483.46
09:29:55	136.97	1483.70
09:30:35	136.97	1483.17
09:31:15	136.97	1483.00
09:31:20	136.97	1482.79
09:31:40	136.97	1482.98
09:32:20	136.97	1482.73
09:32:40	136.97	1482.95
09:33:20	136.97	1482.90
09:33:30	136.82	1482.61
09:33:50	136.97	1482.66
09:34:10	136.82	1482.15
09:34:30	136.97	1482.28
09:34:35	136.82	1481.97
09:34:45	136.97	1482.44
09:35:05	136.82	1482.58
09:35:45	136.82	1481.93
09:36:05	136.82	1482.12
09:36:15	136.97	1482.37
09:36:25	136.97	1482.09
09:37:05	136.82	1482.19
09:37:25	136.97	1481.58
09:37:30	136.97	1481.29
09:37:50	136.82	1481.64
09:38:10	136.97	1481.28
09:38:50	136.97	1481.33
09:39:10	136.82	1481.47
09:39:30	136.97	1481.33
09:39:40	136.97	1481.45
09:39:50	136.97	1481.19
09:40:30	136.97	1481.28
09:40:40	136.82	1481.42
09:40:50	136.97	1481.19
09:41:00	136.82	1481.28
09:41:05	136.97	1481.33
09:41:15	136.97	1480.88
09:41:55	136.97	1480.68
09:42:15	136.97	1480.95
09:42:35	136.97	1480.93
09:42:40	136.82	1480.57
09:42:50	136.97	1480.73
09:43:10	136.97	1480.47
09:43:20	136.97	1480.44
09:43:25	136.97	1480.11
09:43:30	136.82	1480.29
09:43:40	136.82	1479.99
09:43:45	136.97	1480.23

03-NOV-84	SDT degF	SDP psia
09:44:05	136.97	1480.17
09:44:15	136.97	1480.23
09:44:20	136.97	1479.82
09:44:40	136.82	1479.85
09:44:50	136.97	1480.11
09:45:10	136.97	1480.08
09:45:15	136.82	1480.02
09:45:20	136.82	1479.68
09:45:30	136.82	1480.02
09:45:50	136.97	1479.81
09:45:55	136.82	1479.15
09:46:00	P.O.O.H.	
09:46:00	136.97	1475.25
09:46:05	136.82	1469.61
09:46:10	136.97	1463.08
09:46:15	136.82	1457.85
09:46:20	136.82	1454.23
09:46:25	136.82	1449.91
09:46:30	136.82	1445.13
09:46:35	136.82	1439.58
09:46:45	136.66	1426.98
09:46:50	136.66	1420.14
09:46:55	136.51	1414.33
09:47:00	136.51	1412.45
09:47:05	136.51	1409.14
09:47:10	136.36	1404.93
09:47:15	136.36	1405.91
09:47:25	136.21	1412.04
09:47:30	136.06	1414.54
09:47:35	136.06	1415.62
09:47:45	135.90	1415.25
09:47:55	135.90	1415.25
09:48:00	1ST. GRADIENT STOP @ 1494mRKB.	
09:48:15	135.60	1414.64
09:48:55	134.99	1414.23
09:49:05	134.69	1414.14
09:49:10	134.69	1413.94
09:49:20	134.53	1414.09
09:50:40	133.47	1413.18
09:51:20	133.01	1412.59
09:51:25	132.86	1412.52
09:51:30	132.86	1412.77
09:51:40	132.86	1412.45
09:51:50	132.71	1412.51
09:52:00	132.71	1412.22
09:52:20	132.55	1412.64
09:52:30	132.25	1412.74
09:53:10	132.10	1411.75
09:53:30	131.79	1411.78
09:53:40	131.79	1411.42
09:54:00	131.64	1411.50
09:54:10	131.64	1411.76
09:55:30	131.03	1411.71
09:55:50	130.88	1411.60
09:56:00	130.88	1411.84
09:56:10	130.72	1411.73
09:56:15	130.72	1411.41
09:56:35	130.57	1411.93
09:56:45	130.72	1412.33
09:56:55	130.57	1412.41
09:57:05	130.57	1412.20
09:57:10	130.57	1411.88

03-NOV-84	SDT degF	SDP psia
09:57:20	130.57	1412.24
09:57:40	130.42	1412.03
09:57:50	130.42	1412.28
09:57:55	130.42	1412.23
09:58:05	130.42	1412.73
09:59:25	130.11	1412.25
10:00:05	129.96	1411.63
10:00:25	129.81	1411.44
10:00:35	129.96	1411.68
10:00:45	129.96	1411.27
10:01:25	129.66	1410.92
10:01:35	129.81	1410.70
10:01:55	129.81	1410.75
10:02:05	129.66	1411.04
10:02:45	129.66	1410.44
10:02:50	129.66	1408.73
10:02:55	129.66	1405.30
10:03:00	P.O.O.H.	
10:03:00	129.66	1400.10
10:03:20	129.50	1376.75
10:03:30	129.50	1365.00
10:03:40	129.50	1352.92
10:03:50	129.35	1342.29
10:03:55	129.50	1337.18
10:04:00	129.50	1333.54
10:04:05	129.35	1335.26
10:04:10	129.35	1339.44
10:04:15	129.35	1343.17
10:04:20	129.35	1346.47
10:04:25	129.35	1348.31
10:04:45	129.20	1347.99
10:04:55	129.05	1347.77
10:05:00	2ND. GRADIENT STOP @ 1444mRKB.	
10:06:15	128.74	1347.72
10:06:55	128.59	1347.36
10:07:05	128.44	1347.57
10:07:10	128.44	1347.72
10:07:50	128.28	1347.56
10:08:30	128.13	1347.71
10:08:40	127.98	1347.91
10:08:50	127.98	1347.55
10:09:10	127.98	1348.03
10:09:20	127.83	1347.78
10:10:00	127.67	1348.19
10:10:20	127.83	1348.72
10:10:40	127.67	1348.68
10:11:20	127.52	1349.00
10:11:40	127.67	1349.30
10:11:50	127.52	1349.55
10:12:30	127.37	1349.46
10:12:50	127.37	1349.85
10:13:30	127.21	1349.50
10:13:40	127.21	1349.30
10:13:50	127.37	1349.51
10:14:30	127.37	1349.22
10:14:50	127.21	1349.16
10:15:10	127.21	1348.77
10:15:20	127.21	1348.39
10:15:25	127.21	1348.09
10:15:45	127.06	1348.22
10:16:25	127.21	1347.74
10:16:45	127.06	1347.29

03-NOV-84	SDT degF	SDP psia
10:17:05	127.06	1347.18
10:17:25	127.06	1346.66
10:18:45	126.91	1346.47
10:19:25	126.91	1346.13
10:19:45	126.91	1345.84
10:19:50	126.91	1345.86
10:19:55	126.91	1345.51
10:20:00	P.O.O.H.	
10:20:00	127.06	1343.75
10:20:05	127.06	1340.56
10:20:10	126.91	1336.30
10:20:20	126.91	1325.18
10:21:00	126.76	1284.88
10:21:05	126.76	1279.57
10:21:10	126.76	1273.93
10:21:15	126.60	1269.71
10:21:20	126.60	1271.79
10:21:25	126.60	1276.17
10:21:30	126.60	1279.63
10:21:35	126.60	1282.79
10:21:40	126.45	1284.97
10:21:45	126.45	1285.15
10:22:00	3RD. GRADIENT STOP @ 1384mRKB.	
10:22:05	126.30	1284.45
10:23:25	125.69	1283.88
10:23:30	125.69	1283.78
10:24:50	125.07	1284.32
10:25:30	124.92	1284.27
10:26:50	124.46	1285.05
10:27:10	124.31	1285.23
10:27:20	124.31	1285.06
10:27:40	124.31	1285.34
10:27:50	124.16	1285.35
10:28:10	124.16	1285.93
10:28:50	124.00	1286.04
10:29:10	123.85	1286.40
10:29:50	123.85	1285.70
10:30:00	123.85	1285.94
10:30:20	123.70	1285.76
10:30:30	123.85	1285.85
10:30:35	123.54	1285.65
10:30:55	123.70	1285.85
10:32:15	123.39	1285.29
10:32:55	123.39	1284.68
10:33:35	123.24	1284.57
10:33:55	123.24	1284.76
10:34:35	123.39	1284.11
10:34:55	123.24	1283.60
10:35:35	123.24	1284.04
10:36:15	123.08	1284.09
10:36:35	123.08	1283.98
10:36:40	123.24	1284.11
10:36:45	123.24	1282.85
10:36:50	123.08	1279.52
10:36:55	123.24	1275.62
10:37:00	P.O.O.H.	
10:37:00	123.08	1270.80
10:37:05	123.08	1264.77
10:37:15	123.08	1251.18
10:37:35	122.93	1225.10
10:37:40	122.93	1218.47
10:37:50	122.93	1204.48

03-NOV-84	SDT degF	SDP psia
10:37:55	122.78	1197.29
10:38:00	122.78	1189.23
10:38:05	122.78	1180.76
10:38:10	122.63	1171.91
10:38:15	122.63	1162.77
10:38:20	122.63	1153.96
10:38:30	122.47	1137.75
10:38:40	122.32	1121.89
10:38:50	122.01	1105.66
10:39:00	121.86	1089.96
10:39:05	121.86	1082.19
10:39:10	121.71	1074.13
10:39:15	121.55	1065.57
10:39:25	121.25	1048.00
10:39:35	120.94	1031.13
10:39:45	120.63	1014.92
10:40:05	120.17	982.10
10:40:15	119.71	964.72
10:40:25	119.41	946.97
10:40:30	119.10	938.28
10:40:40	118.79	921.67
10:40:50	118.49	905.49
10:40:55	118.03	896.02
10:41:00	117.87	887.18
10:41:20	116.80	853.68
10:41:30	116.34	836.47
10:41:35	116.18	828.13
10:41:45	115.57	812.60
10:41:55	114.95	795.76
10:42:00	114.65	787.12
10:42:05	114.34	777.99
10:42:15	113.72	759.05
10:42:20	113.42	749.51
10:42:30	112.80	731.83
10:42:40	112.18	712.81
10:42:45	111.72	704.00
10:42:55	111.11	685.60
10:43:00	110.64	676.57
10:43:05	110.34	665.91
10:43:10	110.03	654.46
10:43:30	108.33	610.20
10:43:40	107.71	586.86
10:43:50	106.79	564.06
10:43:55	106.48	552.54
10:44:00	105.86	540.19
10:44:10	105.09	516.31
10:44:15	104.63	503.96
10:44:25	103.70	480.69
10:44:35	102.92	457.00
10:44:45	102.00	432.63
10:44:55	100.91	409.07
10:45:05	99.98	385.18
10:45:10	99.52	373.77
10:45:15	98.90	364.06
10:45:20	98.59	355.48
10:45:30	97.50	337.01
10:45:35	97.04	327.60
10:45:45	96.11	307.90
10:45:55	95.18	287.45
10:46:00	94.55	275.97
10:46:10	93.62	251.10
10:46:15	93.00	238.66

03-NOV-84	SDT degF	SDP psia
10:46:20	92.53	226.55
10:46:25	92.07	217.42
10:46:30	91.60	209.59
10:46:35	90.98	203.06
10:46:40	90.51	197.93
10:46:50	89.42	186.80
10:46:55	88.80	180.64
10:47:00	88.33	173.67
10:47:05	87.71	165.92
10:47:10	87.09	156.34
10:47:20	85.84	134.99
10:47:30	84.90	114.02
10:47:35	84.28	104.00
10:47:40	83.96	93.54
10:47:50	82.87	73.28
10:47:55	82.40	63.31
10:48:00	81.78	54.32
10:48:05	81.15	45.76
10:48:10	80.68	40.55
10:48:15	80.21	39.38
10:48:20	79.74	35.86
10:48:30	78.81	22.89
10:48:40	77.87	10.74
10:48:45	77.55	4.28
10:48:50	76.93	-1.28
10:48:55	76.61	-3.84
10:49:05	75.83	-4.55
10:49:25	73.95	-4.09
10:49:35	73.16	-3.92
10:49:55	71.59	-3.91
10:50:35	68.92	-3.20
10:51:15	66.56	-2.11
10:53:55	59.62	4.04
10:55:00	4TH. GRADIENT STOP IN LUB.	
10:55:15	57.09	6.42
10:56:35	55.35	8.41
10:59:15	52.50	11.20
11:00:35	51.54	12.22
11:01:00	51.30	12.44
11:03:15	49.96	13.63
11:08:35	48.05	14.85
11:09:55	47.73	15.00
11:10:05	47.73	14.95
11:10:25	47.73	12.34
11:10:35	47.57	11.42
11:10:45	47.73	10.80
11:11:00	LUB. DISCONNECTED.	
11:11:05	47.57	10.52
11:20:00	TOOLS OFF STRING.	
11:21:45	46.30	10.66
11:22:25	46.46	10.94
11:23:05	46.30	10.71
11:23:45	46.30	10.79
11:23:55	46.30	10.96
11:26:00	POWER OFF SDP# 84178.	

# TECHNICAL DATA

## GAUGE

Type : SDP/TPT  
Transducer module : 84178  
Recorder module : 84163

## OPERATION SET UP

Delay time : 30 MIN  
Scanning rate : 5 SEC  
Averaging : 8  
Relative values : USED  
Compression algorithm : USED  
Compression level : 8

## CALIBRATION DATA CHECKS

### Before job:

Ambiant pressure : 15.8 PSIA  
Ambiant Temperature : 19.7 °C

### After job:

Ambiant pressure : 11 PSIA  
Ambiant temperature : 17.4 °C

Date last calibration : 04.09.84