

# FLOPETROL JO

Denne rapport  
tilhører



L&U DOK. SENTER

L. NR. 20084500006

KODE Well 31/2-15 oil

Returneres etter bruk

## SDP/TPT PRESSURE AND TEMPERATURE SURVEY

SHELL.  
NORWAY.  
TROLL.  
31/2-15, FRAC-TEST  
UPPER JURASIC, OXFORDIAN.  
ELS 84.95  
NWB.  
SDP 84222 / 84186

FLOPETROL JOHNSTON  
Schlumberger

FLOPETROL JOHNSTON  
**Schlumberger**

SDP/TPT PRESSURE AND TEMPERATURE SURVEY

company	: SHELL.
country	: NORWAY.
field	: TROLL.
well	: 31/2-15, FRAC-TEST
tested zone	: UPPER JURASIC, OXFORDIAN.
report nbr.	: ELS 84.95
base	: NWB.
gauge	: SDP 84222 / 84186

---

**GENERAL INFORMATION**

---

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.

---

**OPERATION DATA**

---

2.1 date of test :5-6 NOV.84  
2.2 report nbr. :ELS 84.95.  
2.3 base :NWB.  
2.5 recorded by :GEIR-OLE EIKEMO.  
2.6 witnessed by :LES JHONSTONE.

---

**WELL DATA**

---

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 tbg. 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.

---

**DEPTH INFORMATION**

---

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. :1553.6mRKB.  
5.8 gauge M.P. set at :1553.29mRKB.

---

**DOWNHOLE EQUIPMENT**

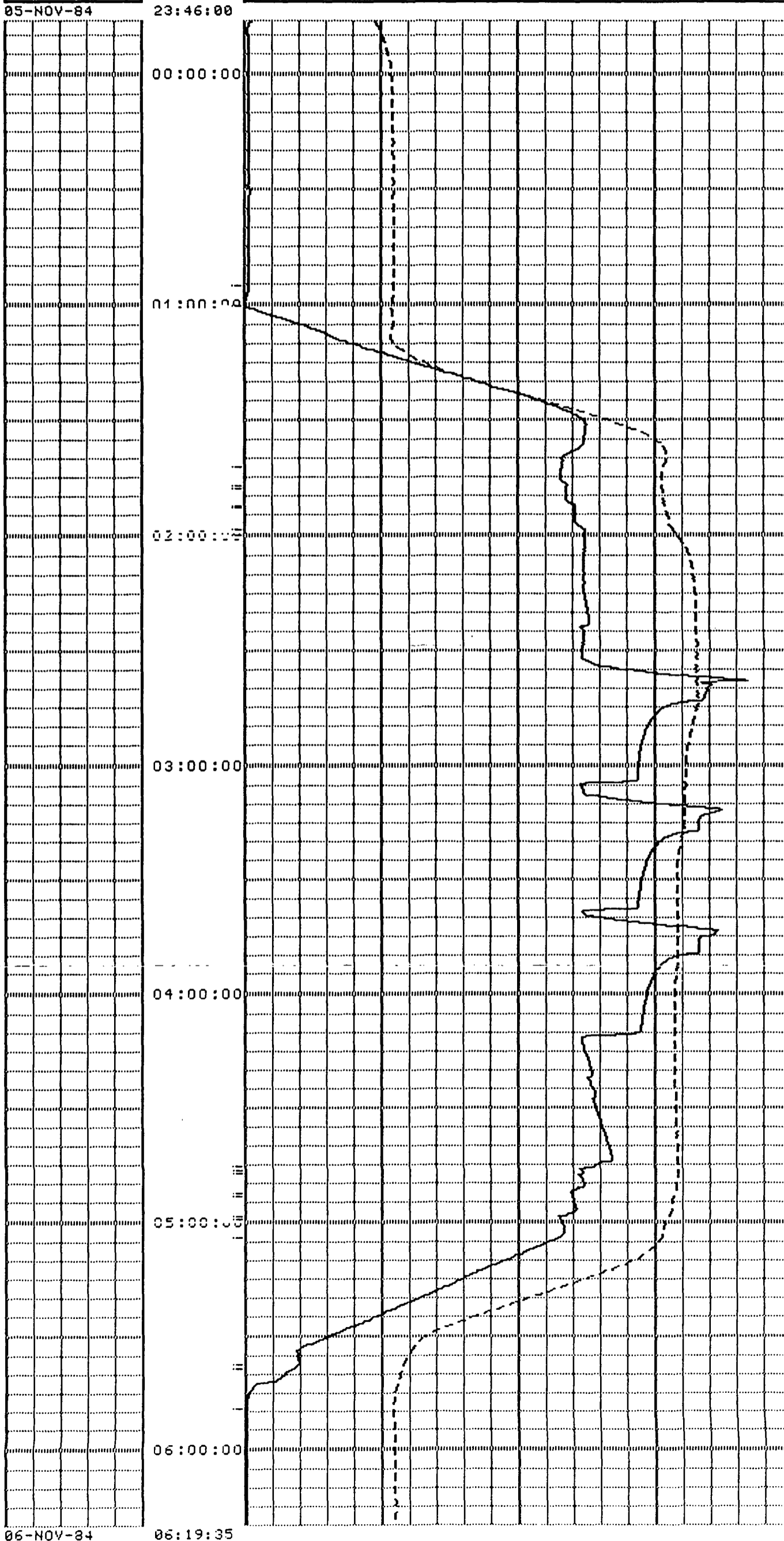
---

6.1 cable type :SLICK-LINE.  
6.2 gauge :SDP/TPT # 84222.  
6.3 recorder :RM # 84186.  
6.5 length :2.52 M.  
6.6 max O.D :1 11/16".

# SEQUENCE OF EVENTS

05-NOV-84 23:16:00	!POWER ON SD# 84222.
05-NOV-84 23:38:00	!TOOLS IN LUB.
05-NOV-84 23:45:00	!LUB. CONNECTED.
06-NOV-84 00:55:00	!OPEN PCT-VALVE.
06-NOV-84 01:00:00	!OPEN LUB.VALVE, R.I.H.
06-NOV-84 01:42:00	!GRADIENT STOP @ 1407.8mRKB.
06-NOV-84 01:47:00	!R.I.H.
06-NOV-84 01:48:00	!GRADIENT STOP @ 1457.8mRKB.
06-NOV-84 01:52:00	!R.I.H.
06-NOV-84 01:53:00	!GRADIENT STOP @ 1507.8mRKB.
06-NOV-84 01:58:00	!R.I.H.
06-NOV-84 02:00:00	!GAUGES IN F-NIPPEL, SDP# 84222 MP. @ 1553.29mRKB.
06-NOV-84 04:45:00	!LATCH ON GAUGES.
06-NOV-84 04:46:00	!P.O.O.H.
06-NOV-84 04:47:00	!GRADIENT STOP @ 1507.8mRKB.
06-NOV-84 04:52:00	!P.O.O.H.
06-NOV-84 04:53:00	!GRADIENT STOP @ 1457.8mRKB.
06-NOV-84 04:58:00	!P.O.O.H.
06-NOV-84 04:59:00	!GRADIENT STOP @ 1407.8mRKB.
06-NOV-84 05:04:00	!P.O.O.H.
06-NOV-84 05:37:00	!TOOLS IN LUB.
06-NOV-84 05:38:00	!BLEED OFF PRESSURE.
06-NOV-84 05:49:00	!DISCONNECT LUB.
06-NOV-84 06:21:00	!TOOLS OFF STRING.
06-NOV-84 06:27:00	!POWER OFF SDP# 84222.

	SDP (psia)	4800.
	0.	
	[57.431]	
	SDT (degF)	160.
	0.	
	[38.194]	



SHELL, WELL:31/2-15, DST#2, TROLLFIELD, SIP# 84222, FRACTEST.

START TIME:05-NOV-84 23:16:00

page 1

23:16:00 POWER ON SD# 84222.  
 23:38:00 TOOLS IN LUB.  
 23:45:00 LUB. CONNECTED.

	SDT	SIP
05-NOV-84	degF	psia
23:46:00	38.19	57.43
23:46:10	38.35	49.79
23:46:15	38.50	46.56
23:46:25	38.65	41.35
23:46:30	38.65	39.19
23:46:40	38.80	35.50
23:46:50	38.65	32.56
23:47:00	38.80	30.22
23:47:10	38.95	28.18
23:47:20	39.10	26.50
23:47:40	39.26	24.02
23:48:00	39.56	22.28
23:48:20	39.71	21.07
23:49:00	40.02	19.57
23:49:10	40.17	19.32
23:49:15	40.17	20.80
23:49:20	40.17	24.12
23:49:25	40.17	25.52
23:49:30	40.32	25.40
23:49:35	40.32	25.82
23:49:40	40.47	27.22
23:49:45	40.47	28.27
23:49:50	40.47	28.76
23:51:10	40.93	28.00
23:56:30	42.44	26.79
23:59:10	42.90	26.53
23:59:30	42.90	26.53
23:59:40	42.90	26.51
23:59:50	42.90	26.90
23:59:55	42.90	27.20
00:10:35	43.50	26.58
00:13:15	43.50	26.51
00:13:55	43.50	26.51
00:14:15	43.50	26.39
00:14:20	43.50	26.58
00:14:30	43.50	26.58
00:14:35	43.50	26.37
00:14:40	43.50	26.58
00:14:45	43.50	26.41
00:17:25	43.50	26.42
00:18:05	43.65	26.42
00:18:25	43.50	26.44
00:18:35	43.50	26.36
00:18:40	43.50	26.59
00:20:00	43.50	26.42
00:20:40	43.50	26.39
00:20:50	43.50	26.36
00:20:55	43.50	26.51
00:26:15	43.65	26.30
00:27:35	43.50	26.34
00:28:15	43.65	26.32
00:28:35	43.65	26.30
00:28:45	43.65	26.30
00:28:55	43.50	26.02
00:29:15	43.50	26.08
00:29:25	43.65	26.00
00:29:30	43.50	26.29

06-NOV-84	SDT degF	SDP psia
00:29:40	43.50	27.56
00:29:45	43.50	28.66
00:29:50	43.65	31.60
00:29:55	43.65	35.06
00:30:00	43.65	37.11
00:30:05	43.65	37.89
00:30:10	43.65	38.38
00:30:30	43.65	38.94
00:30:40	43.65	39.56
00:31:00	43.65	39.26
00:31:05	43.65	38.78
00:31:10	43.65	36.87
00:31:15	43.65	34.67
00:31:20	43.50	33.03
00:31:25	43.65	31.65
00:31:30	43.65	30.94
00:31:50	43.50	30.05
00:32:30	43.50	29.37
00:33:10	43.65	28.98
00:43:50	43.65	29.11
00:49:10	43.65	29.06
00:51:50	43.80	28.97
00:52:30	43.65	29.01
00:52:35	43.65	28.25
00:52:40	43.65	27.88
00:54:00	43.65	27.91
00:54:40	43.65	28.21
00:55:00	OPEN PCT-VALVE.	
00:56:00	43.65	28.21
00:56:10	43.65	28.30
00:56:20	43.65	27.88
00:56:30	43.80	27.13
00:56:35	43.80	27.08
00:56:45	43.80	25.60
00:56:50	43.65	24.62
00:56:55	43.65	24.10
00:57:05	43.65	22.42
00:57:25	43.80	17.66
00:57:35	43.65	15.75
00:57:55	43.65	13.11
00:58:00	43.65	12.09
00:58:10	43.50	10.96
00:58:30	43.65	10.63
00:58:35	43.50	10.67
00:58:40	43.50	9.22
00:58:45	43.50	2.58
00:58:50	43.35	-0.54
00:58:55	43.35	-0.91
00:59:05	43.50	-0.78
00:59:15	43.35	-1.16
00:59:25	43.35	-1.01
00:59:45	43.20	-1.14
00:59:50	43.20	-1.06
00:59:55	43.20	-0.09
01:00:00	OPEN LUB. VALVE, R.I.H.	
01:00:00	43.20	2.35
01:00:05	43.20	5.52
01:00:10	43.05	9.48
01:00:15	43.20	14.12
01:00:25	43.20	24.11
01:00:35	43.05	33.40
01:00:40	43.05	38.09

06-NOV-84	SDT degF	SDP psia
01:00:45	43.05	44.00
01:01:05	43.05	70.41
01:01:15	43.20	83.96
01:01:25	43.20	98.16
01:01:45	43.20	127.31
01:02:05	43.35	157.24
01:02:25	43.35	186.71
01:02:45	43.50	216.51
01:02:55	43.50	231.47
01:03:05	43.50	246.12
01:03:25	43.50	274.41
01:03:45	43.50	302.41
01:03:55	43.65	316.16
01:04:05	43.65	330.30
01:04:25	43.65	357.60
01:04:30	43.80	364.49
01:04:50	43.65	394.52
01:05:00	43.65	409.80
01:05:20	43.65	439.83
01:05:30	43.65	454.55
01:05:50	43.50	483.58
01:06:00	43.50	499.17
01:06:05	43.50	507.25
01:06:15	43.35	521.97
01:06:25	43.50	536.17
01:06:30	43.50	543.47
01:06:35	43.35	550.23
01:06:40	43.35	555.36
01:06:45	43.20	559.89
01:06:55	43.20	570.91
01:07:05	43.20	582.47
01:07:15	43.05	594.70
01:07:25	42.90	606.53
01:07:30	42.90	612.35
01:07:35	42.90	617.29
01:07:45	42.90	625.01
01:07:55	42.74	633.85
01:08:05	42.90	640.87
01:08:15	42.74	649.26
01:08:20	42.90	653.89
01:08:25	42.90	659.00
01:08:30	42.90	664.72
01:08:40	42.90	677.09
01:08:45	42.90	683.08
01:08:50	43.05	688.70
01:09:00	43.05	699.19
01:09:05	43.05	704.57
01:09:10	43.20	710.36
01:09:30	43.50	734.85
01:09:35	43.50	741.31
01:09:40	43.50	748.25
01:10:20	44.26	810.89
01:10:40	44.56	841.81
01:10:50	44.71	857.94
01:11:00	45.02	873.53
01:11:05	45.17	881.36
01:11:45	46.23	946.61
01:11:50	46.38	954.89
01:12:00	46.68	971.92
01:12:10	46.98	988.63
01:12:30	47.43	1021.41
01:12:40	47.89	1037.91



06-NOV-84	SDT degF	SDP psia
01:12:50	48.19	1054.82
01:12:55	48.34	1063.57
01:13:05	48.79	1080.00
01:13:15	48.95	1095.31
01:13:20	49.25	1102.31
01:13:30	49.40	1117.12
01:13:50	50.15	1146.33
01:14:00	50.61	1161.29
01:14:20	51.36	1192.47
01:14:40	52.11	1223.18
01:15:20	53.92	1285.82
01:15:40	54.67	1317.46
01:15:50	55.12	1333.49
01:16:10	56.18	1366.01
01:16:30	57.08	1397.70
01:16:50	57.98	1429.11
01:17:00	58.58	1445.01
01:17:10	59.03	1459.84
01:17:30	60.08	1489.94
01:17:50	61.13	1520.62
01:18:10	62.18	1551.84
01:18:30	63.23	1582.67
01:18:40	63.68	1598.01
01:19:20	66.07	1660.83
01:19:30	66.67	1676.41
01:19:35	66.97	1683.99
01:19:55	68.16	1713.14
01:20:05	68.76	1727.96
01:20:25	69.95	1758.41
01:20:45	71.14	1789.21
01:20:55	71.74	1804.72
01:21:00	72.04	1812.75
01:21:10	72.78	1828.11
01:21:20	73.38	1844.08
01:21:30	73.97	1859.23
01:21:50	75.31	1890.20
01:23:10	80.51	2009.90
01:23:30	81.84	2040.27
01:23:50	83.17	2069.74
01:23:55	83.47	2077.03
01:24:05	84.06	2092.32
01:24:10	84.50	2099.81
01:24:30	85.83	2128.60
01:24:40	86.57	2142.93
01:25:00	87.75	2170.88
01:25:10	88.49	2185.26
01:25:15	88.79	2192.33
01:25:20	89.08	2198.83
01:25:30	89.96	2212.50
01:25:35	90.26	2219.33
01:25:45	90.70	2232.63
01:25:55	91.58	2245.52
01:26:00	91.73	2252.03
01:26:10	92.47	2264.28
01:26:20	93.06	2277.03
01:26:40	94.38	2300.47
01:26:50	94.97	2312.34
01:27:00	95.70	2324.58
01:27:10	96.44	2336.47
01:27:15	96.73	2342.52
01:27:25	97.46	2354.14
01:27:35	98.05	2366.42

06-NOV-84	SDT degF	SDP psia
01:27:55	99.37	2388.86
01:28:05	99.95	2399.52
01:28:10	100.25	2404.61
01:28:20	100.83	2414.15
01:28:30	101.42	2424.26
01:28:40	102.00	2433.21
01:28:45	102.44	2437.67
01:28:50	102.73	2441.43
01:29:10	103.76	2453.65
01:29:20	104.34	2459.54
01:29:30	104.93	2466.39
01:29:35	105.22	2469.72
01:29:45	105.80	2475.12
01:29:50	106.09	2477.92
01:30:00	106.68	2485.22
01:30:05	106.82	2487.48
01:30:15	107.55	2489.70
01:30:20	107.70	2490.97
01:30:25	107.99	2491.70
01:30:30	108.28	2491.73
01:30:40	108.86	2489.33
01:30:45	109.01	2489.73
01:30:50	109.30	2491.41
01:30:55	109.59	2492.34
01:31:00	109.74	2492.96
01:31:10	110.32	2494.89
01:31:15	110.61	2494.88
01:31:20	110.90	2494.09
01:31:25	111.19	2493.70
01:31:30	111.34	2494.04
01:31:35	111.63	2493.99
01:31:45	112.07	2492.63
01:31:55	112.50	2492.77
01:32:35	114.39	2490.75
01:33:55	117.72	2485.43
01:35:15	120.33	2479.45
01:35:35	120.91	2477.95
01:35:55	121.49	2475.89
01:36:00	121.63	2475.10
01:36:10	121.78	2472.80
01:36:20	121.92	2470.09
01:36:30	122.35	2466.69
01:36:40	122.35	2463.75
01:36:45	122.35	2461.69
01:36:55	122.64	2456.88
01:37:00	122.64	2452.86
01:37:05	122.79	2447.88
01:37:10	122.79	2443.67
01:37:20	122.79	2436.47
01:37:30	122.93	2428.78
01:38:10	123.36	2399.45
01:38:30	123.36	2384.70
01:38:50	123.36	2369.52
01:39:00	123.51	2361.76
01:39:20	123.51	2345.40
01:39:40	123.36	2328.34
01:39:45	123.51	2324.00
01:39:50	123.36	2320.18
01:39:55	123.22	2319.40
01:40:05	123.36	2323.77
01:40:10	123.22	2325.42
01:40:20	123.36	2329.49

06-NOV-84	SDT degF	SDP psia
01:40:25	123.22	2329.73
01:40:30	123.22	2328.92
01:40:35	123.22	2328.56
01:40:45	123.22	2328.52
01:40:55	123.22	2327.65
01:41:05	123.08	2327.33
01:42:00	GRADIENT STOP @ 1407.8mRKB.	
01:42:25	122.64	2323.34
01:45:05	122.21	2316.23
01:45:25	122.21	2315.39
01:45:35	122.06	2314.99
01:45:40	122.06	2315.76
01:45:50	122.06	2319.64
01:45:55	122.06	2321.95
01:46:00	122.06	2324.83
01:46:20	122.06	2338.87
01:46:30	122.06	2346.46
01:46:40	122.06	2353.41
01:46:50	122.06	2359.94
01:46:55	122.06	2360.63
01:47:00	R. I. H.	
01:47:00	122.06	2359.56
01:47:05	122.06	2359.26
01:47:10	122.06	2359.58
01:47:15	122.21	2359.60
01:47:25	122.06	2358.71
01:47:35	122.06	2358.55
01:48:00	GRADIENT STOP @ 1457.8mRKB.	
01:48:55	122.35	2355.02
01:50:15	122.50	2351.14
01:50:35	122.64	2350.03
01:50:40	122.64	2350.31
01:50:45	122.64	2351.80
01:50:55	122.64	2355.27
01:51:00	122.64	2357.67
01:51:05	122.64	2361.08
01:51:15	122.79	2369.62
01:51:20	122.64	2374.92
01:51:30	122.64	2388.19
01:51:35	122.79	2394.24
01:51:40	122.79	2399.53
01:51:50	122.79	2408.86
01:51:55	122.79	2413.77
01:52:00	R. I. H.	
01:52:00	122.93	2418.16
01:52:05	122.93	2419.48
01:52:10	122.93	2418.83
01:52:15	122.93	2418.86
01:52:20	122.93	2419.28
01:52:25	122.93	2419.36
01:52:35	123.08	2418.97
01:53:00	GRADIENT STOP @ 1507.8mRKB.	
01:53:55	123.36	2418.90
01:56:35	124.09	2417.91
01:56:40	124.09	2418.11
01:56:45	124.09	2419.93
01:56:55	124.23	2425.68
01:57:05	124.23	2430.85
01:57:10	124.23	2433.58
01:57:15	124.37	2437.01
01:57:25	124.37	2444.93
01:57:35	124.52	2453.56

06-NOV-84	SDT degF	SDP psia
01:57:40	124.66	2457.74
01:57:45	124.66	2461.37
01:57:55	124.81	2468.26
01:58:00	R. I. H.	
01:58:00	124.81	2472.07
01:58:10	125.10	2478.73
01:58:20	125.24	2486.52
01:58:25	125.24	2489.77
01:58:30	125.38	2491.65
01:58:40	125.53	2492.00
01:58:50	125.67	2491.71
01:58:55	125.82	2491.65
01:59:05	125.96	2492.22
01:59:25	126.25	2492.18
02:00:00	GAUGES IN F-NIPPEL, SDP# 84222 MP. @ 1553.29mRKB.	
02:00:05	126.97	2492.55
02:00:25	127.11	2492.59
02:00:35	127.26	2492.89
02:00:40	127.40	2492.80
02:00:50	127.54	2491.94
02:00:55	127.54	2492.25
02:01:00	127.54	2493.20
02:01:05	127.69	2493.50
02:01:10	127.83	2491.90
02:01:15	127.83	2490.98
02:01:25	128.12	2493.22
02:01:30	127.98	2493.15
02:01:35	128.12	2492.26
02:01:40	128.12	2491.95
02:01:50	128.26	2492.61
02:02:00	128.41	2492.05
02:02:10	128.55	2492.17
02:02:15	128.55	2492.00
02:02:25	128.70	2490.98
02:02:35	128.84	2491.31
02:02:40	128.84	2491.14
02:02:50	128.84	2489.83
02:02:55	128.98	2489.62
02:03:05	129.13	2490.29
02:03:10	129.13	2490.38
02:03:20	129.27	2489.85
02:03:25	129.13	2488.47
02:03:30	129.27	2485.42
02:03:35	129.42	2483.09
02:03:40	129.42	2483.34
02:03:45	129.42	2484.51
02:03:50	129.56	2484.54
02:03:55	129.56	2483.64
02:04:00	129.56	2483.18
02:04:10	129.70	2483.32
02:04:20	129.70	2482.84
02:04:30	129.85	2482.74
02:04:35	129.85	2482.66
02:04:40	129.85	2482.04
02:04:45	129.85	2480.68
02:04:50	129.99	2479.98
02:05:00	129.99	2480.83
02:05:40	130.28	2480.15
02:05:50	130.28	2480.39
02:06:10	130.57	2479.84
02:06:20	130.57	2479.75
02:06:25	130.57	2479.92

06-NOV-84	SDT degF	SDP psia
02:06:30	130.57	2480.51
02:06:35	130.57	2480.72
02:06:45	130.57	2480.03
02:06:55	130.71	2480.22
02:07:35	130.85	2479.49
02:07:45	130.85	2479.68
02:07:55	131.00	2479.17
02:08:00	131.00	2479.00
02:08:10	131.00	2480.41
02:08:15	131.00	2480.50
02:08:25	131.14	2479.97
02:08:35	131.14	2479.81
02:08:55	131.14	2480.18
02:09:00	131.14	2480.86
02:09:05	131.14	2481.93
02:09:10	131.28	2482.09
02:09:15	131.14	2483.70
02:09:20	131.28	2487.20
02:09:25	131.28	2487.68
02:09:30	131.28	2485.49
02:09:35	131.28	2484.60
02:09:45	131.43	2486.84
02:09:50	131.43	2486.48
02:09:55	131.43	2485.59
02:10:05	131.28	2485.39
02:10:15	131.43	2481.94
02:10:20	131.43	2482.06
02:10:25	131.43	2483.23
02:10:30	131.43	2483.61
02:10:40	131.43	2482.73
02:10:50	131.57	2483.57
02:10:55	131.43	2483.61
02:11:05	131.57	2483.12
02:11:10	131.57	2483.45
02:11:15	131.57	2484.08
02:11:20	131.57	2484.17
02:11:30	131.57	2483.62
02:11:40	131.57	2484.60
02:11:45	131.57	2484.98
02:11:55	131.57	2484.72
02:12:35	131.71	2484.62
02:13:15	131.71	2482.97
02:14:35	131.86	2482.38
02:14:45	131.86	2482.31
02:14:50	131.86	2482.27
02:20:10	132.14	2510.31
02:22:50	132.29	2524.21
02:23:00	132.29	2525.11
02:23:05	132.29	2525.40
02:23:10	132.14	2502.68
02:23:15	132.29	2465.48
02:23:20	132.29	2461.73
02:23:25	132.29	2479.48
02:23:30	132.14	2487.34
02:23:35	132.29	2479.54
02:23:40	132.29	2472.46
02:23:45	132.29	2474.85
02:23:50	132.29	2479.82
02:23:55	132.29	2480.01
02:24:00	132.29	2477.05
02:24:05	132.29	2476.06
02:24:10	132.29	2477.48

06-NOV-84	SDT degF	SDP psia
02:24:15	132.29	2478.57
02:24:25	132.29	2477.24
02:24:30	132.29	2477.29
02:24:35	132.29	2477.79
02:24:40	132.29	2477.95
02:24:50	132.29	2477.57
02:25:30	132.14	2477.73
02:25:50	132.43	2477.59
02:26:00	132.29	2477.38
02:27:20	132.29	2479.82
02:27:30	132.29	2480.20
02:27:35	132.29	2477.29
02:27:40	132.43	2471.83
02:27:45	132.29	2470.81
02:27:50	132.29	2472.91
02:27:55	132.43	2474.38
02:28:00	132.29	2473.79
02:28:05	132.29	2472.67
02:28:10	132.29	2472.57
02:28:15	132.29	2473.12
02:28:20	132.29	2473.37
02:28:30	132.43	2472.81
02:29:50	132.29	2472.51
02:30:00	132.43	2472.52
02:30:05	132.29	2471.36
02:30:10	132.29	2468.49
02:30:15	132.43	2466.97
02:30:20	132.29	2467.63
02:30:25	132.29	2468.80
02:30:30	132.29	2468.99
02:30:35	132.29	2468.46
02:30:40	132.43	2468.60
02:30:45	132.29	2469.88
02:30:50	132.43	2471.64
02:30:55	132.43	2472.30
02:31:05	132.43	2470.56
02:31:10	132.43	2470.32
02:31:20	132.29	2470.86
02:31:40	132.43	2470.18
02:31:50	132.43	2470.08
02:31:55	132.29	2470.06
02:32:00	132.29	2474.28
02:32:05	132.29	2480.58
02:32:10	132.43	2484.86
02:32:15	132.29	2489.52
02:32:20	132.43	2493.80
02:32:30	132.29	2503.10
02:32:40	132.43	2512.05
02:32:50	132.29	2520.58
02:33:00	132.29	2528.36
02:33:10	132.43	2535.34
02:33:20	132.29	2541.63
02:33:25	132.43	2546.90
02:33:30	132.29	2554.03
02:33:35	132.43	2560.23
02:33:40	132.29	2567.91
02:33:45	132.29	2581.13
02:34:05	132.29	2645.96
02:34:15	132.43	2679.32
02:34:25	132.43	2713.61
02:34:30	132.29	2731.05
02:34:40	132.29	2766.76

06-NOV-84	SDT degF	SDP psia
02:34:50	132.29	2803.52
02:35:00	132.29	2841.46
02:35:05	132.29	2861.24
02:35:10	132.43	2881.72
02:35:20	132.43	2923.56
02:35:25	132.43	2945.00
02:35:30	132.29	2966.81
02:35:35	132.29	2988.97
02:35:40	132.29	3011.45
02:35:45	132.43	3034.33
02:35:50	132.29	3057.51
02:35:55	132.29	3081.22
02:36:00	132.29	3105.28
02:36:05	132.43	3130.14
02:36:10	132.29	3155.74
02:36:15	132.43	3182.22
02:36:25	132.43	3236.25
02:36:30	132.43	3263.90
02:36:35	132.43	3291.90
02:36:40	132.43	3321.05
02:36:45	132.29	3350.56
02:36:55	132.43	3410.99
02:37:05	132.43	3473.10
02:37:10	132.43	3504.74
02:37:15	132.43	3529.00
02:37:20	132.43	3557.31
02:37:25	132.43	3588.88
02:37:30	132.43	3620.79
02:37:35	132.43	3651.89
02:37:40	132.29	3674.54
02:37:45	132.43	3651.68
02:37:50	132.43	3556.95
02:37:55	132.43	3459.48
02:38:00	132.43	3400.96
02:38:05	132.43	3370.50
02:38:10	132.43	3354.64
02:38:15	132.43	3346.38
02:38:20	132.29	3345.66
02:38:25	132.43	3357.35
02:38:30	132.43	3375.14
02:38:35	132.43	3393.64
02:38:40	132.43	3409.08
02:38:45	132.43	3415.08
02:38:50	132.43	3415.18
02:38:55	132.43	3412.68
02:39:05	132.43	3406.06
02:39:10	132.43	3403.27
02:39:15	132.58	3401.21
02:39:20	132.43	3399.92
02:39:25	132.43	3399.23
02:39:30	132.43	3398.90
02:39:35	132.43	3398.25
02:39:45	132.43	3396.01
02:40:05	132.58	3390.02
02:40:15	132.58	3387.64
02:40:25	132.58	3385.69
02:40:35	132.58	3384.05
02:40:55	132.58	3379.89
02:41:05	132.58	3378.22
02:41:25	132.72	3373.32
02:41:35	132.58	3370.91
02:41:40	132.58	3369.49

06-NOV-84	SDT degF	SDP psia
02:41:50	132.58	3367.65
02:42:10	132.58	3364.87
02:42:20	132.58	3363.65
02:42:30	132.72	3363.13
02:42:40	132.58	3362.27
02:42:45	132.72	3361.59
02:42:55	132.58	3359.30
02:43:00	132.72	3355.04
02:43:05	132.72	3317.57
02:43:10	132.72	3278.04
02:43:15	132.72	3250.25
02:43:20	132.58	3227.66
02:43:25	132.58	3208.67
02:43:30	132.58	3192.29
02:43:35	132.58	3178.33
02:43:40	132.72	3166.02
02:43:45	132.58	3154.98
02:43:50	132.58	3145.23
02:43:55	132.43	3136.19
02:44:00	132.58	3128.15
02:44:05	132.58	3120.59
02:44:15	132.58	3107.23
02:44:25	132.58	3095.52
02:44:35	132.43	3085.10
02:44:45	132.43	3075.71
02:44:55	132.43	3067.25
02:45:00	132.29	3063.14
02:45:10	132.29	3055.63
02:45:20	132.43	3048.75
02:45:30	132.29	3042.23
02:45:40	132.14	3036.12
02:45:50	132.14	3030.44
02:46:10	132.14	3019.97
02:46:30	131.86	3010.49
02:46:35	132.00	3008.49
02:46:40	132.00	3007.14
02:47:00	131.86	2998.99
02:47:20	131.71	2991.40
02:47:40	131.71	2984.39
02:48:00	131.57	2977.89
02:48:20	131.43	2971.87
02:48:40	131.28	2966.21
02:49:20	131.14	2956.14
02:50:00	131.00	2947.10
02:50:40	130.71	2939.10
02:51:20	130.71	2931.92
02:52:00	130.42	2925.42
02:52:40	130.28	2919.57
02:53:20	130.13	2914.17
02:54:00	129.99	2909.31
02:54:40	129.85	2904.77
02:55:20	129.70	2900.65
02:56:00	129.70	2896.86
02:57:20	129.42	2890.22
02:58:40	129.27	2884.54
03:00:00	129.13	2879.84
03:01:20	129.13	2875.93
03:02:40	128.98	2872.74
03:03:20	128.98	2871.41
03:03:40	128.98	2870.57
03:03:45	128.98	2868.11
03:03:50	128.84	2855.14



06-NOV-84	SDT degF	SDP psia
03:03:55	128.98	2825.88
03:04:00	128.98	2772.88
03:04:05	128.98	2691.47
03:04:10	128.98	2597.71
03:04:15	128.84	2532.43
03:04:20	128.84	2499.36
03:04:25	128.98	2477.38
03:04:30	128.98	2480.33
03:04:35	128.84	2482.22
03:04:40	128.84	2470.36
03:04:45	128.84	2456.62
03:04:50	128.84	2455.54
03:04:55	128.98	2462.59
03:05:00	128.84	2465.29
03:05:05	128.84	2462.67
03:05:10	128.84	2461.40
03:05:15	128.84	2463.36
03:05:20	128.84	2464.82
03:05:25	128.98	2464.62
03:05:30	128.84	2464.92
03:05:35	128.84	2466.04
03:05:45	128.84	2467.19
03:07:05	128.84	2478.56
03:07:10	128.70	2479.25
03:07:15	128.84	2481.67
03:07:20	128.84	2491.79
03:07:25	128.84	2503.71
03:07:30	128.84	2520.50
03:07:40	128.84	2551.47
03:07:50	128.70	2582.89
03:08:00	128.84	2615.13
03:08:10	128.70	2648.06
03:08:15	128.70	2664.76
03:08:20	128.84	2682.23
03:08:30	128.70	2718.95
03:08:40	128.70	2756.15
03:08:45	128.70	2775.01
03:08:55	128.70	2814.23
03:09:05	128.70	2854.32
03:09:15	128.70	2895.58
03:09:20	128.70	2916.60
03:09:30	128.70	2960.06
03:09:35	128.70	2982.24
03:09:40	128.55	3004.83
03:09:45	128.70	3027.93
03:09:55	128.70	3074.90
03:10:00	128.70	3099.00
03:10:05	128.70	3123.74
03:10:10	128.70	3149.19
03:10:15	128.70	3175.00
03:10:25	128.70	3228.01
03:10:35	128.70	3283.44
03:10:40	128.70	3310.94
03:10:50	128.70	3367.64
03:10:55	128.84	3395.55
03:11:00	128.70	3422.48
03:11:05	128.70	3447.90
03:11:10	128.70	3468.46
03:11:15	128.70	3481.39
03:11:20	128.70	3486.22
03:11:25	128.70	3485.10
03:11:30	128.70	3479.63

06-NOV-84	SDT degF	SDP psia
03:11:40	128.70	3465.44
03:11:45	128.70	3458.00
03:11:55	128.70	3444.14
03:12:00	128.55	3435.63
03:12:05	128.70	3425.65
03:12:10	128.84	3416.64
03:12:15	128.70	3407.98
03:12:20	128.70	3403.32
03:12:25	128.70	3401.06
03:12:30	128.70	3397.96
03:12:35	128.70	3391.85
03:12:45	128.70	3362.71
03:12:50	128.70	3352.09
03:12:55	128.70	3345.70
03:13:00	128.70	3341.75
03:13:05	128.70	3339.40
03:13:15	128.70	3336.70
03:13:20	128.70	3335.68
03:13:40	128.70	3333.52
03:13:45	128.70	3332.75
03:14:05	128.55	3327.60
03:14:10	128.70	3326.66
03:14:20	128.55	3325.74
03:15:00	128.55	3324.75
03:15:10	128.70	3323.94
03:15:30	128.55	3323.36
03:15:50	128.41	3323.42
03:16:10	128.55	3324.22
03:16:20	128.55	3324.50
03:16:40	128.55	3325.79
03:16:50	128.41	3326.16
03:16:55	128.41	3326.30
03:17:00	128.41	3309.70
03:17:05	128.41	3271.91
03:17:10	128.41	3248.45
03:17:15	128.26	3228.90
03:17:20	128.41	3211.52
03:17:25	128.41	3195.92
03:17:30	128.41	3181.93
03:17:35	128.41	3169.40
03:17:40	128.26	3158.30
03:17:45	128.26	3148.41
03:17:50	128.26	3139.53
03:17:55	128.26	3131.59
03:18:00	128.26	3124.20
03:18:05	128.12	3117.57
03:18:10	128.26	3111.29
03:18:15	128.12	3105.57
03:18:20	128.26	3100.17
03:18:25	128.12	3095.07
03:18:35	128.12	3085.75
03:18:45	128.12	3077.38
03:18:55	128.12	3069.75
03:19:05	127.98	3062.72
03:19:15	127.98	3056.14
03:19:25	127.98	3050.14
03:19:35	127.83	3044.47
03:19:55	127.83	3034.24
03:20:15	127.69	3025.06
03:20:35	127.69	3016.64
03:20:55	127.54	3008.99
03:21:15	127.54	3001.81

06-NOV-84	SDT degF	SDP psia
03:21:35	127.54	2995.21
03:21:55	127.40	2989.05
03:22:15	127.26	2983.21
03:22:35	127.26	2977.73
03:23:15	127.11	2967.62
03:23:55	127.11	2958.61
03:24:15	127.11	2954.41
03:24:55	126.82	2946.73
03:25:35	126.82	2939.85
03:26:15	126.68	2933.47
03:26:55	126.82	2927.62
03:27:35	126.68	2922.19
03:28:55	126.54	2912.46
03:29:35	126.54	2908.13
03:30:15	126.54	2904.12
03:31:35	126.54	2896.98
03:32:55	126.54	2890.68
03:34:15	126.54	2885.39
03:35:35	126.54	2880.83
03:36:15	126.54	2878.84
03:36:35	126.54	2877.91
03:36:45	126.54	2877.39
03:36:55	126.54	2876.36
03:37:05	126.54	2875.75
03:37:10	126.68	2871.84
03:37:15	126.54	2847.35
03:37:20	126.54	2808.13
03:37:25	126.54	2753.96
03:37:30	126.54	2693.97
03:37:35	126.54	2632.38
03:37:40	126.54	2564.54
03:37:45	126.54	2519.56
03:37:50	126.54	2490.97
03:37:55	126.54	2477.93
03:38:00	126.54	2471.00
03:38:05	126.54	2470.24
03:38:10	126.54	2474.06
03:38:15	126.54	2475.86
03:38:20	126.54	2475.60
03:38:25	126.54	2476.60
03:38:30	126.54	2478.42
03:38:40	126.54	2480.30
03:38:50	126.54	2482.48
03:39:00	126.54	2484.27
03:39:05	126.54	2487.36
03:39:10	126.54	2499.15
03:39:15	126.54	2512.65
03:39:20	126.54	2527.83
03:39:25	126.54	2544.13
03:39:30	126.54	2560.08
03:39:40	126.54	2593.22
03:39:50	126.54	2627.27
03:40:00	126.54	2662.03
03:40:10	126.54	2697.63
03:40:20	126.54	2734.12
03:40:30	126.68	2771.42
03:40:35	126.68	2790.64
03:40:40	126.54	2810.32
03:40:50	126.54	2850.80
03:40:55	126.54	2871.21
03:41:00	126.54	2892.38
03:41:10	126.54	2935.94

06-NOV-84	SDT degF	SDP psia
03:41:20	126.68	2980.08
03:41:30	126.68	3025.11
03:41:35	126.68	3048.03
03:41:40	126.54	3071.86
03:41:45	126.68	3096.35
03:41:50	126.68	3121.26
03:42:00	126.68	3172.26
03:42:10	126.54	3224.32
03:42:20	126.68	3277.07
03:42:25	126.68	3303.19
03:42:30	126.54	3328.84
03:42:35	126.54	3353.83
03:42:40	126.68	3377.83
03:42:45	126.68	3399.75
03:42:50	126.54	3419.14
03:42:55	126.68	3430.63
03:43:00	126.68	3441.01
03:43:05	126.68	3449.84
03:43:10	126.54	3454.80
03:43:15	126.68	3456.74
03:43:20	126.68	3456.29
03:43:25	126.68	3454.57
03:43:30	126.68	3451.43
03:43:35	126.68	3447.22
03:43:40	126.68	3442.57
03:43:45	126.68	3440.74
03:43:50	126.68	3443.34
03:43:55	126.68	3448.41
03:44:05	126.68	3449.70
03:44:10	126.68	3448.38
03:44:15	126.82	3432.78
03:44:20	126.68	3410.99
03:44:25	126.82	3388.15
03:44:30	126.68	3368.39
03:44:35	126.68	3354.97
03:44:40	126.82	3347.15
03:44:45	126.82	3342.41
03:44:50	126.68	3339.06
03:44:55	126.68	3336.49
03:45:05	126.68	3332.47
03:45:10	126.68	3330.70
03:45:30	126.82	3324.80
03:45:35	126.68	3323.68
03:45:55	126.82	3321.54
03:46:00	126.68	3321.18
03:46:10	126.68	3321.27
03:46:30	126.68	3322.48
03:46:40	126.68	3322.89
03:47:20	126.68	3323.11
03:48:00	126.68	3325.01
03:48:40	126.68	3326.29
03:48:50	126.68	3326.66
03:48:55	126.82	3326.85
03:49:00	126.68	3309.93
03:49:05	126.82	3275.44
03:49:10	126.68	3255.54
03:49:15	126.68	3237.97
03:49:20	126.68	3222.04
03:49:25	126.68	3207.62
03:49:30	126.82	3194.63
03:49:35	126.82	3182.86
03:49:40	126.82	3172.63

06-NOV-84	SDT degF	SDP psia
03:49:45	126.68	3163.32
03:49:50	126.68	3154.89
03:49:55	126.68	3147.28
03:50:05	126.68	3134.23
03:50:10	126.68	3128.32
03:50:15	126.68	3122.81
03:50:20	126.54	3117.74
03:50:30	126.68	3108.48
03:50:40	126.54	3099.94
03:50:50	126.54	3092.12
03:51:00	126.54	3085.01
03:51:10	126.54	3078.48
03:51:20	126.54	3072.40
03:51:30	126.54	3066.70
03:51:40	126.54	3061.32
03:52:00	126.54	3051.56
03:52:20	126.54	3042.67
03:52:40	126.39	3034.60
03:53:00	126.54	3027.19
03:53:20	126.39	3020.31
03:53:40	126.39	3013.90
03:54:20	126.25	3002.34
03:55:00	126.25	2992.21
03:55:20	126.25	2987.49
03:56:00	126.10	2979.06
03:56:40	125.96	2971.76
03:57:20	125.96	2964.96
03:58:00	125.96	2958.70
03:58:40	125.82	2952.89
04:00:00	125.82	2942.53
04:01:20	125.82	2933.47
04:02:40	125.67	2925.65
04:04:00	125.67	2918.87
04:05:20	125.67	2912.98
04:06:40	125.67	2907.90
04:08:00	125.67	2903.58
04:09:20	125.67	2900.10
04:09:40	125.67	2899.02
04:09:45	125.67	2898.72
04:09:50	125.67	2897.57
04:09:55	125.82	2884.98
04:10:00	125.82	2868.11
04:10:05	125.67	2849.93
04:10:10	125.67	2827.66
04:10:15	125.67	2797.64
04:10:20	125.67	2757.60
04:10:25	125.67	2719.73
04:10:30	125.82	2670.16
04:10:35	125.67	2590.22
04:10:40	125.67	2530.01
04:10:45	125.82	2494.84
04:10:50	125.67	2477.82
04:10:55	125.67	2473.27
04:11:05	125.82	2475.99
04:11:10	125.67	2474.57
04:11:15	125.82	2472.34
04:11:20	125.67	2471.91
04:11:25	125.67	2472.43
04:11:30	125.67	2472.34
04:11:40	125.82	2471.26
04:12:20	125.82	2470.42
04:12:40	125.67	2470.59

06-NOV-84	SDT degF	SDP psia
04:13:00	125.67	2471.58
04:13:20	125.67	2473.01
04:13:40	125.82	2475.04
04:14:20	125.82	2480.01
04:14:40	125.67	2482.94
04:16:00	125.82	2496.70
04:17:20	125.82	2509.59
04:18:40	125.82	2521.61
04:20:00	125.82	2533.09
04:20:40	125.96	2538.81
04:21:00	125.82	2541.59
04:21:10	125.82	2542.98
04:21:15	125.82	2543.72
04:21:20	125.96	2541.87
04:21:25	125.82	2533.32
04:21:30	125.96	2531.07
04:21:35	125.96	2519.23
04:21:40	125.96	2511.40
04:21:45	125.96	2510.29
04:21:50	125.96	2513.24
04:21:55	125.82	2512.91
04:22:00	125.96	2514.45
04:22:05	125.82	2515.08
04:22:45	125.96	2522.46
04:24:05	125.96	2535.63
04:25:25	125.96	2547.95
04:26:45	126.10	2559.89
04:27:05	126.10	2562.85
04:27:10	126.10	2538.75
04:27:15	126.10	2539.02
04:27:20	126.10	2544.45
04:27:25	126.10	2541.46
04:27:30	126.10	2546.46
04:27:35	126.10	2544.92
04:27:40	126.10	2546.91
04:27:50	126.10	2548.06
04:27:55	126.10	2549.06
04:28:00	126.10	2549.70
04:28:40	126.25	2556.41
04:30:00	126.10	2569.31
04:30:40	126.25	2575.54
04:30:50	126.25	2577.11
04:31:10	126.25	2579.90
04:31:30	126.25	2583.27
04:31:50	126.39	2585.85
04:32:00	126.25	2587.69
04:32:05	126.25	2588.54
04:32:10	126.25	2589.08
04:32:30	126.25	2592.21
04:32:50	126.25	2595.73
04:33:30	126.25	2601.60
04:33:40	126.39	2602.69
04:34:00	126.39	2605.61
04:34:20	126.25	2609.37
04:34:40	126.25	2612.09
04:35:00	126.39	2615.45
04:35:05	126.39	2616.58
04:35:45	126.39	2623.24
04:35:50	126.54	2624.43
04:35:55	126.39	2624.87
04:36:15	126.39	2627.81
04:36:35	126.39	2631.10

06-NOV-84	SDT degF	SDP psia
04:36:55	126.39	2633.73
04:37:05	126.39	2635.72
04:37:10	126.54	2636.21
04:37:20	126.54	2637.86
04:37:25	126.39	2638.85
04:37:45	126.54	2641.80
04:37:55	126.39	2643.39
04:38:00	126.39	2644.18
04:38:05	126.54	2645.39
04:38:15	126.54	2646.77
04:38:20	126.39	2647.45
04:38:25	126.54	2648.80
04:38:30	126.39	2649.64
04:38:35	126.39	2650.07
04:38:40	126.54	2650.97
04:38:45	126.39	2651.48
04:38:50	126.54	2652.74
04:38:55	126.54	2653.67
04:39:00	126.54	2654.17
04:39:20	126.54	2657.42
04:39:25	126.54	2657.73
04:39:30	126.54	2658.88
04:39:35	126.54	2659.52
04:39:45	126.54	2661.94
04:39:50	126.68	2662.62
04:39:55	126.54	2662.66
04:40:00	126.68	2663.22
04:40:05	126.54	2664.64
04:40:15	126.68	2666.11
04:40:20	126.54	2666.76
04:40:25	126.54	2668.37
04:40:30	126.54	2669.56
04:40:35	126.68	2670.03
04:40:55	126.68	2673.33
04:41:35	126.68	2679.58
04:41:45	126.68	2680.99
04:41:55	126.54	2681.88
04:42:00	126.68	2680.52
04:42:05	126.68	2678.37
04:42:10	126.68	2679.34
04:42:15	126.54	2681.24
04:42:20	126.68	2681.78
04:42:25	126.54	2683.39
04:42:30	126.68	2684.27
04:42:40	126.68	2684.10
04:42:45	126.68	2683.04
04:42:50	126.68	2683.69
04:42:55	126.68	2685.93
04:43:00	126.68	2686.87
04:43:10	126.68	2687.30
04:43:15	126.68	2687.63
04:43:20	126.68	2685.86
04:43:25	126.68	2687.28
04:43:35	126.68	2689.00
04:43:45	126.68	2689.43
04:43:50	126.68	2681.37
04:43:55	126.68	2635.61
04:44:00	126.82	2617.15
04:44:05	126.82	2607.83
04:44:10	126.68	2590.21
04:44:15	126.68	2593.67
04:44:20	126.68	2592.31

06-NOV-84	SDT degF	SDP psia
04:44:25	126.68	2586.86
04:44:30	126.68	2584.81
04:44:35	126.82	2575.66
04:44:40	126.68	2576.18
04:44:45	126.68	2573.84
04:44:50	126.68	2568.94
04:44:55	126.68	2566.55
04:45:00	LATCH ON GAUGES.	
04:45:00	126.68	2562.96
04:45:05	126.68	2558.90
04:45:10	126.68	2556.08
04:45:15	126.82	2553.97
04:45:20	126.82	2551.07
04:45:25	126.82	2522.80
04:45:30	126.68	2486.06
04:45:35	126.68	2468.12
04:45:40	126.82	2450.85
04:45:45	126.68	2445.36
04:45:50	126.82	2454.10
04:45:55	126.82	2454.75
04:46:00	P.O.O.H.	
04:46:00	126.82	2454.61
04:46:05	126.82	2456.81
04:46:10	126.68	2458.15
04:46:15	126.68	2458.97
04:46:20	126.82	2460.22
04:46:40	126.68	2464.06
04:46:50	126.68	2466.00
04:47:00	GRADIENT STOP @ 1507.8mRKB.	
04:47:00	126.68	2468.34
04:47:05	126.68	2468.51
04:47:10	126.68	2446.74
04:47:15	126.68	2441.44
04:47:20	126.54	2454.02
04:47:25	126.68	2453.90
04:47:30	126.68	2451.67
04:47:35	126.68	2454.52
04:47:40	126.54	2456.39
04:47:45	126.54	2456.72
04:47:55	126.68	2458.87
04:49:15	126.39	2472.66
04:49:55	126.39	2479.35
04:50:05	126.39	2480.98
04:50:10	126.39	2481.77
04:50:15	126.39	2481.89
04:50:20	126.39	2481.63
04:50:25	126.39	2476.34
04:50:30	126.39	2469.74
04:50:35	126.39	2456.95
04:50:40	126.39	2442.05
04:50:45	126.39	2444.21
04:50:50	126.39	2443.61
04:50:55	126.39	2437.13
04:51:00	126.25	2433.18
04:51:05	126.39	2430.47
04:51:15	126.25	2422.30
04:51:25	126.25	2412.30
04:51:45	126.25	2393.02
04:51:55	126.10	2383.23
04:52:00	P.O.O.H.	
04:52:00	126.10	2380.49
04:52:05	125.96	2381.08



06-NOV-84	SDT degF	SDP psia
04:52:10	125.96	2381.99
04:52:15	125.96	2382.58
04:53:00	GRADIENT STOP @ 1457.8mRKB.	
04:54:55	125.10	2407.29
04:56:15	124.95	2419.26
04:56:35	124.81	2422.16
04:56:40	124.81	2420.90
04:56:45	124.81	2417.54
04:56:50	124.81	2413.38
04:57:00	124.81	2402.50
04:57:10	124.66	2392.03
04:57:15	124.66	2386.86
04:57:35	124.52	2367.80
04:57:45	124.52	2358.13
04:57:50	124.52	2353.35
04:57:55	124.37	2350.26
04:58:00	P.O.O.H.	
04:58:05	124.37	2351.56
04:58:10	124.37	2337.49
04:58:15	124.23	2300.81
04:58:20	124.09	2296.17
04:58:25	124.23	2302.33
04:58:30	124.09	2303.18
04:58:35	124.09	2300.91
04:58:45	123.94	2304.33
04:58:55	123.94	2305.20
04:59:00	GRADIENT STOP @ 1407.8mRKB.	
04:59:00	123.80	2306.21
04:59:40	123.51	2311.99
05:02:20	122.50	2333.86
05:02:40	122.35	2336.50
05:02:50	122.50	2335.30
05:02:55	122.21	2334.09
05:03:00	122.35	2331.21
05:03:05	122.35	2329.05
05:03:10	122.21	2327.64
05:03:15	122.21	2325.83
05:03:20	122.21	2323.41
05:03:25	122.21	2319.80
05:03:35	122.06	2311.13
05:03:55	122.06	2294.69
05:04:00	P.O.O.H.	
05:04:00	121.92	2290.10
05:04:10	121.92	2279.78
05:04:15	121.78	2274.30
05:04:20	121.78	2267.86
05:04:40	121.34	2244.99
05:04:50	121.34	2233.71
05:05:10	121.05	2210.13
05:05:30	120.62	2188.58
05:05:50	120.33	2167.92
05:06:10	120.04	2146.51
05:06:20	119.75	2136.19
05:06:40	119.32	2113.74
05:06:50	119.17	2103.48
05:07:10	118.59	2082.28
05:07:30	118.01	2060.77
05:07:50	117.58	2038.84
05:08:00	117.29	2027.26
05:08:40	115.99	1983.24
05:08:50	115.70	1972.26
05:09:10	114.97	1950.91

06-NOV-84	SDT degF	SDP psia
05:09:15	114.82	1945.58
05:09:25	114.53	1934.33
05:09:45	113.81	1912.68
05:10:05	112.94	1889.88
05:10:45	111.34	1845.79
05:11:05	110.61	1824.00
05:11:25	109.74	1800.87
05:11:45	108.86	1778.06
05:12:05	107.84	1755.91
05:12:15	107.41	1744.51
05:12:35	106.39	1723.11
05:12:55	105.36	1700.98
05:13:00	105.07	1695.49
05:13:10	104.63	1684.03
05:13:30	103.61	1664.76
05:13:50	102.59	1646.62
05:14:00	102.00	1637.31
05:14:20	100.98	1619.31
05:14:30	100.39	1608.70
05:14:40	99.95	1599.63
05:15:00	98.78	1579.85
05:15:05	98.64	1574.86
05:15:25	97.46	1556.11
05:16:05	95.41	1517.70
05:16:15	94.82	1507.54
05:16:25	94.23	1497.09
05:16:45	93.20	1475.09
05:16:55	92.61	1463.48
05:17:00	92.32	1458.12
05:17:10	91.73	1448.10
05:17:20	91.29	1437.69
05:17:40	90.11	1417.94
05:18:20	88.05	1376.41
05:18:40	86.87	1355.01
05:19:00	85.69	1332.72
05:19:20	84.65	1311.27
05:19:40	83.62	1288.82
05:20:00	82.43	1266.00
05:20:20	81.40	1242.31
05:20:25	81.10	1236.45
05:20:45	79.91	1214.34
05:21:05	78.88	1191.26
05:21:25	77.54	1168.67
05:21:35	77.09	1157.30
05:21:55	75.91	1133.62
05:22:15	74.87	1110.29
05:22:20	74.72	1104.35
05:22:25	74.42	1099.20
05:22:35	73.97	1088.03
05:22:40	73.68	1083.16
05:22:50	73.08	1073.00
05:23:00	72.63	1063.97
05:23:10	71.89	1054.41
05:23:30	70.85	1034.16
05:23:40	70.40	1023.92
05:24:00	69.36	1002.47
05:24:10	68.91	991.82
05:24:30	67.71	969.26
05:24:35	67.56	963.71
05:24:40	67.41	958.50
05:25:00	66.22	939.23
05:25:10	65.77	929.83

06-NOV-84	SDT degF	SDP psia
05:25:20	65.32	919.91
05:26:00	63.08	878.72
05:26:10	62.48	868.35
05:26:15	62.18	862.60
05:26:25	61.58	849.76
05:26:35	61.13	837.97
05:26:45	60.38	826.88
05:26:55	59.78	815.42
05:27:00	59.63	809.46
05:27:05	59.18	803.15
05:27:10	59.03	796.49
05:27:15	58.73	790.48
05:27:35	57.83	767.50
05:27:55	56.93	743.91
05:28:35	55.12	697.92
05:28:45	54.82	686.39
05:29:05	54.07	662.71
05:29:25	53.47	639.76
05:29:35	53.17	627.69
05:29:45	52.72	616.07
05:30:05	52.26	593.43
05:30:25	51.81	570.22
05:30:35	51.51	558.61
05:30:45	51.36	546.37
05:30:50	51.21	540.47
05:31:10	50.91	518.17
05:31:20	50.45	506.85
05:31:30	50.45	496.67
05:31:50	50.00	474.74
05:32:10	49.70	452.18
05:32:30	49.55	430.23
05:32:50	49.25	407.78
05:32:55	49.10	402.30
05:33:00	49.10	396.37
05:33:05	49.10	390.92
05:33:10	48.95	386.10
05:33:15	48.95	381.94
05:33:20	48.79	378.53
05:33:25	48.64	376.24
05:33:30	48.79	376.02
05:33:35	48.64	376.80
05:33:40	48.49	378.68
05:33:45	48.49	379.67
05:33:50	48.34	380.23
05:33:55	48.19	380.40
05:34:00	48.19	379.78
05:34:05	48.19	379.78
05:35:25	47.28	387.05
05:36:05	46.98	390.53
05:36:25	46.68	392.40
05:36:35	46.53	393.40
05:36:45	46.53	393.98
05:36:55	46.53	393.86
05:37:00	TOOLS IN LUB.	
05:37:00	46.53	393.78
05:37:05	46.53	392.96
05:37:15	46.38	390.28
05:37:20	46.23	388.69
05:37:25	46.23	385.80
05:37:45	46.23	372.65
05:37:55	46.23	366.65
05:38:00	BLEED OFF PRESSURE.	

06-NOV-84	SDT degF	SDP psia
05:38:05	46.07	361.00
05:38:10	46.07	358.25
05:38:15	46.07	355.09
05:38:25	46.07	347.05
05:38:30	45.92	342.89
05:38:35	45.92	337.99
05:38:45	45.92	326.36
05:38:50	45.77	321.21
05:39:00	45.77	312.38
05:39:05	45.77	306.89
05:39:10	45.77	302.30
05:39:15	45.62	298.81
05:39:20	45.62	297.05
05:39:30	45.62	294.45
05:39:50	45.47	288.23
05:39:55	45.47	286.39
05:40:05	45.47	281.80
05:40:25	45.32	271.69
05:40:30	45.32	269.19
05:40:35	45.32	265.07
05:40:45	45.17	252.72
05:40:50	45.17	248.37
05:41:10	45.02	234.88
05:41:20	45.02	228.27
05:41:25	44.86	225.07
05:41:30	45.02	221.35
05:41:35	45.02	206.02
05:41:40	45.02	170.23
05:41:45	44.86	118.46
05:41:50	44.86	94.92
05:41:55	44.86	87.33
05:42:00	44.86	83.30
05:42:05	44.56	80.24
05:42:25	44.56	71.02
05:42:35	44.56	67.07
05:42:55	44.41	60.53
05:43:15	44.26	55.17
05:43:25	44.26	52.00
05:43:45	44.11	47.01
05:43:55	44.11	44.18
05:44:00	44.11	43.02
05:44:10	43.96	39.71
05:44:30	43.96	33.92
05:44:40	43.96	30.66
05:44:50	43.96	26.87
05:45:00	43.80	24.04
05:45:10	43.80	21.89
05:45:15	43.80	20.91
05:45:35	43.80	17.79
05:45:45	43.65	16.78
05:46:25	43.65	14.26
05:46:45	43.65	12.16
05:47:05	43.65	11.19
05:47:45	43.50	11.04
05:49:00	DISCONNECT LUB.	
05:50:25	43.50	11.59
05:51:05	43.50	11.65
05:51:15	43.50	11.55
05:51:25	43.65	10.80
05:51:30	43.50	10.05
05:51:40	43.50	9.52
06:13:00	43.96	9.37

START TIME:05-NOV-84 23:16:00

page 24

06-NOV-84	SDT degF	SDP psia
06:14:20	44.11	9.32
06:14:30	43.96	9.36
06:14:40	44.11	8.74
06:16:00	43.96	8.73
06:16:20	44.11	8.30
06:16:30	44.11	7.32
06:17:50	43.96	7.29
06:18:30	43.80	7.67
06:18:50	43.96	7.93
06:18:55	43.80	8.07
06:19:05	43.80	7.83
06:19:15	43.96	8.46
06:19:25	43.80	8.05
06:19:35	43.96	8.44
06:21:00	TOOLS OFF STRING.	
06:27:00	POWER OFF SDP# 84222.	

# TECHNICAL DATA

## GAUGE

Type	: SDP/TPT
Transducer module	: 84222
Recorder module	: 84186

## 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	: 6	PSIA
Ambiant Temperature	: 13	°C

### After job:

Ambiant pressure	: 8	PSIA
Ambiant temperature	: 6.5	°C

Date last calibration	: 05.09.84
-----------------------	------------