

# FLOPET

Denne rapport  
tilhører

 **STATOIL**

**L&U DOK. SENTER**

L. NR. 12383420079

KODE Well 31/3-1 nr. 22

Returneres etter bruk

## HIGH ACCURACY PRESSURE TEMPERATURE MEASUREMENTS

Company : STATOIL

Country : NORWAY

Field : TROLL

Well : 31/3-1 DST No. 1

Zone : JURASSIC

Date : 21 SEP to 23 SEP

FLOPETROL JOHNSTON

**Schlumberger**

# FLOPETROL

DISTRICT : EMR/NSD  
BASE : NWB  
REPORT No. : ELS 83.52 B

## HIGH ACCURACY PRESSURE TEMPERATURE MEASUREMENTS

Company :	STATOIL	Country :	NORWAY
Field :	TROLL	Well :	31/3-1 DST No. 1
Zone :	JURASSIC	Date :	21 SEP to 23 SEP 83

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### GENERAL INFORMATION

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1.1	service	:SDP PRESSURE AND TEMPERATURE MEASUREMENT
1.2	company	:STATOIL
1.3	well	:31/3 - 1
1.4	field	:TROLL
1.6	country	:NORWAY
1.7	tested zone	:JURASSIC
1.8	lat.,long.	:60*46'48.0" NORTH, 03*44'02.8" EAST

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### OPERATION DATA

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2.1	date of test	:21-SEP-83 TO 23-SEP-83
2.2	report nbr.	:ELS 83.52 B
2.3	base	:NWB
2.4	district	:EMR / NSD
2.5	recorded by	:JONNY SOLBERG
2.6	witnessed by	:ROALD RIISE

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### EQUIPMENT DATA

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3.3	surface equipt.	:PCS-B No. 1135 & HP 9876 A No. 1135
3.4	downhole equipt.	:SDP No. 83051, RECORDER No. 83055

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### DEPTH INFORMATION

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4.1	depth unit	:Meter
4.2	permanent datum	:RKB
4.3	elevation	:25 Meter MSL
4.4	log ref.,elevation	:DEN/CN - GR.
4.11	gauge set at	:1486.54 Meter RKB

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### WELL DATA

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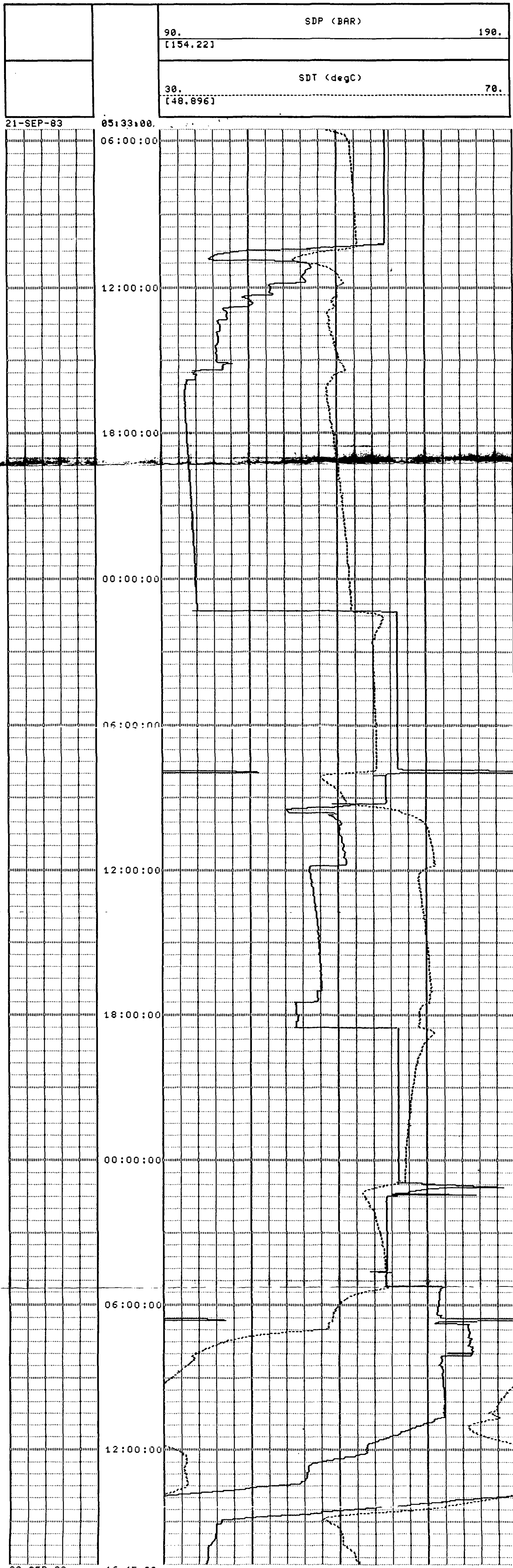
5.1	well type	:EXPLORATION
5.2	fluid type	:GAS
5.5	production interval	:1519.0 - 1529.0 m RKB
5.7	O.H. size	:12 1/4" , 9 5/8" CASING
5.8	tbg. size	:3 1/2"
5.9	tbg. shoe at	:1496.53 m RKB
5.10	min. restriction	:1.791"
5.13	B.H.P.	:157.24 BAR
5.14	B.H.T.	:55 degC

## SEQUENCE OF EVENTS

! 21-SEP-83 02:32:52	POWER ON SDP 83051
! 21-SEP-83 02:46:46	POWER ON SDP/CRG 82814
! 21-SEP-83 04:54:00	START R.I.H. GAUGES ON WIRELINE
! 21-SEP-83 05:18:00	GAUGES SET IN 'Xn'-NIPPLE
! 21-SEP-83 05:33:00	SDP 83051 START RECORDING DATA
! 21-SEP-83 05:46:50	SDP/CRG 82814 START RECORDING DATA
! 21-SEP-83 10:09:00	PCT VALVE OPEN
! 21-SEP-83 10:11:30	OPEN CHOKE MANIFOLD ON 28/64" ADJ. CHOKE
! 21-SEP-83 10:11:40	GRADUALLY INCREASE CHOKE TO 48/64" ADJ.
! 21-SEP-83 10:46:00	FLOW THROUGH HEATER ON 2 * 24/64" CHOKE
! 21-SEP-83 10:50:00	FULL OPENING ( 2" ) ON RIG FLOOR CHOKE MANIFOLD
! 21-SEP-83 11:45:00	CHOKE INCREASED TO 2 * 28/64" ON HEATER
! 21-SEP-83 12:15:00	CHOKE INCREASED TO 2 * 32/64" ON HEATER
! 21-SEP-83 12:45:00	CHOKE INCREASED TO 2 * 40/64" ON HEATER
! 21-SEP-83 13:16:00	CHOKE INCREASED TO 2 * 48/64" ON HEATER
! 21-SEP-83 13:46:00	CHOKE INCREASED TO 2 * 64/64" ON HEATER
! 21-SEP-83 14:17:00	CHOKE INCREASED TO 2 * 128/64" ON HEATER
! 21-SEP-83 15:05:00	CHOKE DECREASED TO 64/64" ON RIG FLOOR
! 21-SEP-83 15:06:00	BYPASS HEATER
! 21-SEP-83 15:31:00	CHOKE SWITCHED TO 64/64" FIXED ON RIG FLOOR
! 21-SEP-83 15:46:00	CHOKE SWITCHED TO 96/64" FIXED ON RIG FLOOR.
! 22-SEP-83 01:17:00	CLOSE CHOKE MANIFOLD
! 22-SEP-83 01:18:00	CLOSE PCT - VALVE
! 22-SEP-83 07:45:00	OPENED PCT. END OF BUILD UP.
! 22-SEP-83 07:47:00	ACIDIZE WELL. ( 10 Bbls OF 15 % HCl )
! 22-SEP-83 08:00:00	CLOSED IN AT CHOKE MANIFOLD. LET ACID SOAK.
! 22-SEP-83 09:12:00	OPENED WELL ON 48/64" ADJ. CHOKE ON RIG FLOOR
! 22-SEP-83 09:33:00	DIRECTED FLOW THROUGH HEATER ON 2 * 28/64" CHOKES
! 22-SEP-83 09:35:00	INCREASED RIG FLOOR CHOKE TO FULL OPENING , 2" .
! 22-SEP-83 11:45:00	INCREASED HEATER CHOKES TO 2 * 48/64"
! 22-SEP-83 17:00:00	INCREASED HEATER CHOKES TO 2 * 128/64"
! 22-SEP-83 17:25:00	BYPASS HEATER
! 22-SEP-83 17:57:00	DECREASED CHOKE TO 96/64" ON RIG FLOOR
! 22-SEP-83 18:30:00	CLOSED CHOKE MANIFOLD AND PCT - VALVE
! 23-SEP-83 00:50:00	OPENED PCT-VALVE. END OF BUILD UP. BULLHEAD FORMATION
! 23-SEP-83 01:20:00	S.S.A.R.V. OPENED. REVERSE CIRCULATE.
! 23-SEP-83 06:30:00	BULLHEAD GAS BELOW TEST TOOLS.
! 23-SEP-83 10:00:00	SPOTTED CaCO3 - PILL.
! 23-SEP-83 10:30:00	START TO P.O.O.H. WITH TESTSTRING
! 23-SEP-83 16:40:00	GAUGES OUT OF HOLE

DST No. 1. POST GRAVEL PACK. LINEAR PLOT OF COMPLETE TEST.  
GAUGE : SDP No. 83051 . DEPTH : 1486.54 m RKB

(177) VERSUS TIME LOGGING START TIME: 21-SEP-83 05:32:00 SCALE: 10800. sec/inch



2nd BUILD UP. POST GRAVEL PACK.

[262] LOG-LOG PLOT T0=22-SEP-83 01:17:45

P0=99.18

P-P0 (BAR)			
.37669	1.	10.	100.
.....			
[4.8958]			

22-SEP-83 01:18:00

1. E-2			.
.1			.
			.
1.			.

22-SEP-83 07:45:00

2nd BUILD UP. POST GRAVEL PACK.

[188] HORNER PLOT T0=22-SEP-83 01:17:45

FT=012:30:00

SDP (BAR)	
90.	170.
.....	
[104.08]	

22-SEP-83 01:18:00

1000.			.....
100.			.....
			.....
10.			.....

22-SEP-83 07:45:00

**THIS PLOT MADE BY REQUEST  
AND IS NOT NECESSARILY  
RELEVANT TO THIS PARTICULAR  
TEST INTERPRETATION.**

2nd BUILD UP. POST GRAVEL PACK. EXPANDED SCALE.

[194] HORNER PLOT T0=22-SEP-83 01:17:45

FT=012:30:00

SDP (BAR)

156.

158.

[156.8]

22-SEP-83

01:19:00

100.

THIS PLOT MADE BY REQUEST  
AND IS NOT NECESSARILY  
RELEVANT TO THIS PARTICULAR  
TEST INTERPRETATION.

10.

22-SEP-83

07:45:00



3rd BUILD UP. POST ACID JOB.

[270] LOG-LOG PLOT T0=22-SEP-83 18:29:49

P0=128.

.37669	1.	P-P0 (BAR)	10.	100.
.....				
[3.7663]				

22-SEP-83 18:30:00

1.E-2				
.1				
1.				

23-SEP-83 00:50:00

3rd BUILD UP. POST ACID JOB.

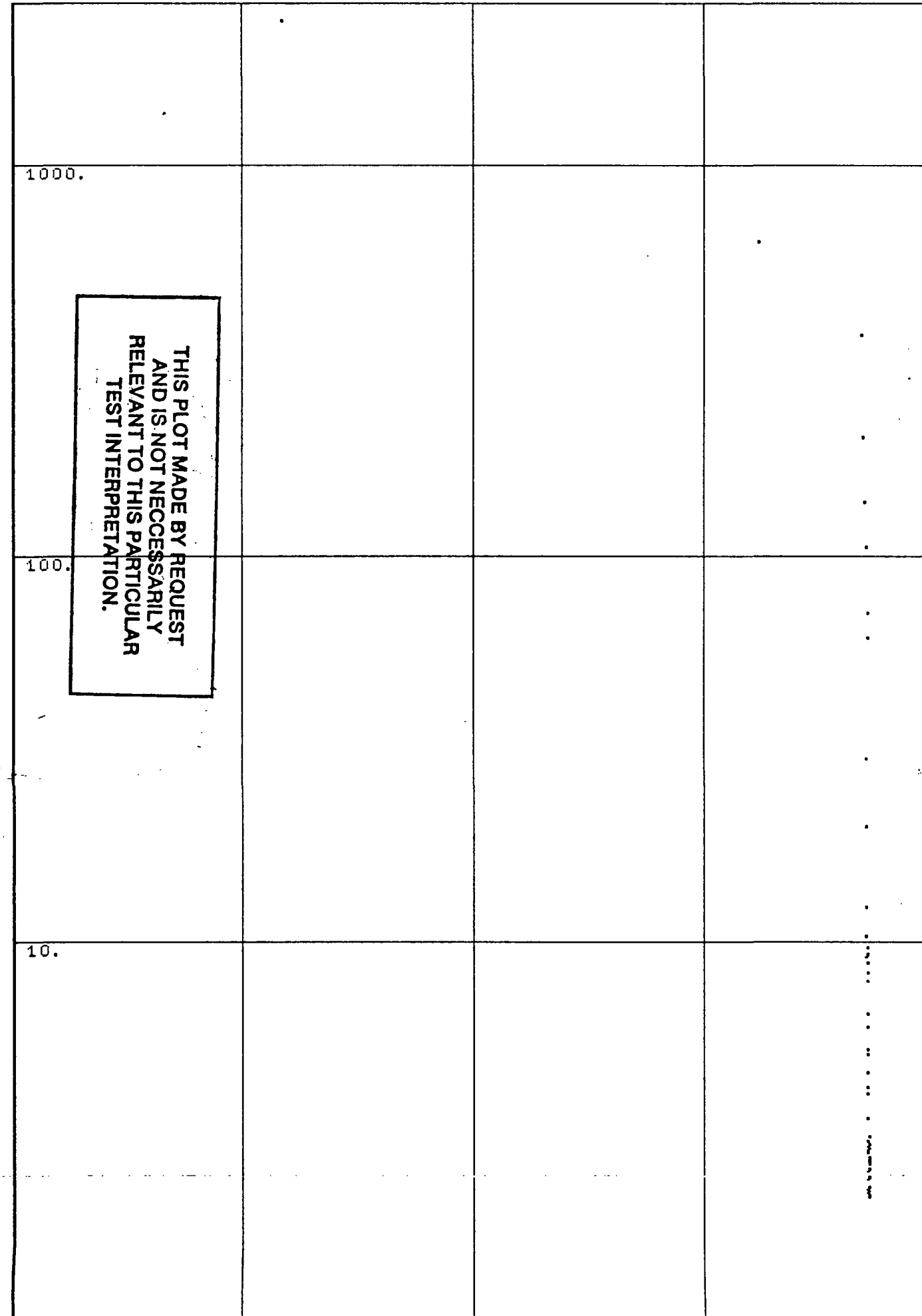
[274] HORNER PLOT T0=22-SEP-83 18:29:49

FT=007:00:00

SDP (BAR)

120. 160.  
.....  
[131.77]

22-SEP-83 18:30:00

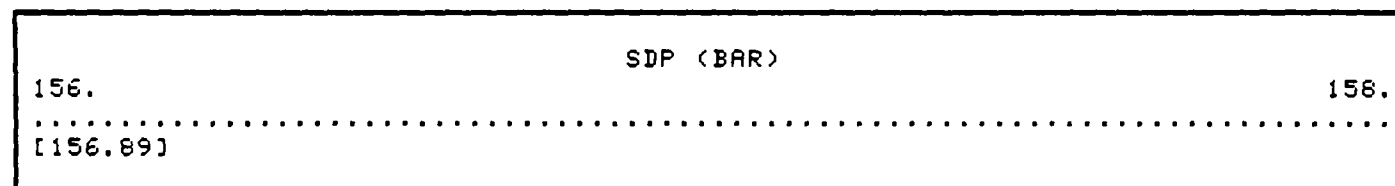


23-SEP-83 00:50:00

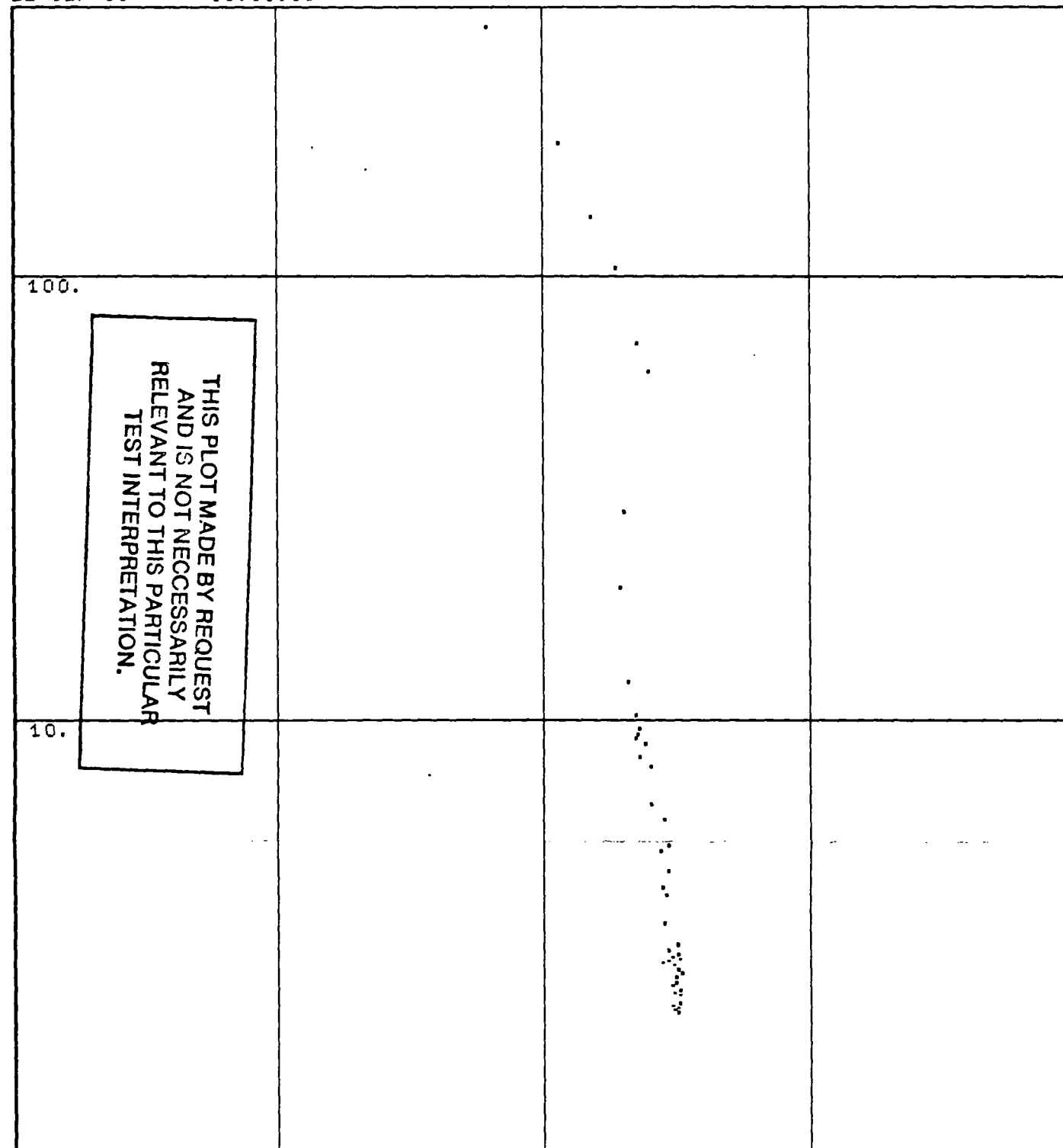
3rd BUILD UP. POST ACID. EXPANDED SCALE.

[278] HORNER PLOT T0=22-SEP-83 18:29:49

FT=007:00:00



22-SEP-83 18:31:00



23-SEP-83 00:50:00

## D.S.T. No. 1 POST GRAVEL PACK

GAUGE : SDP No. 83051 . DEPTH : 1486.54 m RKB

[126] START TIME:21-SEP-83 05:31:00

21-SEP-83	SDT degC	SDP BAR
05:33:00	48.90	154.22
05:37:00	49.92	154.15
05:45:00	51.03	154.04
05:45:30	51.12	154.02
06:01:30	51.55	153.98
06:33:30	51.72	153.97
06:41:30	51.80	153.98
06:45:30	51.80	153.98
06:47:30	51.80	153.98
06:48:00	51.80	153.98
06:49:00	51.80	153.96
06:50:00	51.80	153.98
07:06:00	51.89	153.98
07:14:00	51.89	153.98
07:18:00	51.97	153.99
07:19:00	51.97	153.99
07:19:30	51.89	153.98
07:20:30	51.97	153.99
07:36:30	51.97	153.98
07:38:30	52.06	153.98
07:39:30	52.06	153.99
07:40:30	51.97	153.96
07:41:00	52.06	153.98
07:57:00	52.06	153.99
08:05:00	52.06	153.99
08:09:00	52.14	153.99
08:11:00	52.14	153.99
08:11:30	52.06	153.99
08:12:00	52.14	153.96
08:12:30	52.14	153.99
08:16:30	52.14	153.99
08:18:30	52.14	153.99
08:19:00	52.14	153.95
08:19:30	52.14	153.99
08:51:30	52.14	153.99
09:23:30	52.31	153.99
09:27:30	52.31	153.99
09:29:30	52.31	153.99
09:30:30	52.40	153.99
09:31:00	52.40	153.99
09:32:00	52.31	154.05
09:34:00	52.31	153.97
09:42:00	52.40	154.00
09:50:00	52.40	153.99
09:54:00	52.40	153.99
09:56:00	52.48	154.00
09:56:30	52.40	153.94
09:57:00	52.40	153.97
09:58:00	52.40	154.00
10:06:00	52.48	153.98
10:08:00	52.48	153.99
10:08:30	52.48	153.99
10:09:00	52.40	152.38
10:09:30	52.48	153.77
10:10:00	52.48	153.96
10:10:30	52.48	154.03
10:11:00	52.48	153.86
10:11:30	52.48	154.13

## 2nd DRAW DOWN. POST GRAVEL PACK

[247] T0=21-SEP-83 10:11:30

P0=154.13

TIME 21-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
10:13:00	52.48	148.29	0.0250	-1.6021	5.84	0.7663
10:13:30	52.57	147.10	0.0333	-1.4771	7.03	0.8468
10:14:00	52.57	146.63	0.0417	-1.3802	7.50	0.8751
10:14:30	52.57	145.31	0.0500	-1.3010	8.82	0.9454
10:15:00	52.57	144.57	0.0583	-1.2341	9.56	0.9803
10:15:30	52.57	142.69	0.0667	-1.1761	11.44	1.0585
10:16:00	52.48	141.68	0.0750	-1.1249	12.45	1.0951
10:16:30	52.48	141.05	0.0833	-1.0792	13.08	1.1167
10:17:00	52.40	140.54	0.0917	-1.0378	13.59	1.1332
10:17:30	52.31	139.78	0.1000	-1.0000	14.35	1.1568
10:18:30	52.14	137.98	0.1167	-0.9331	16.15	1.2081
10:19:00	52.06	137.09	0.1250	-0.9031	17.04	1.2314
10:19:30	51.89	136.04	0.1333	-0.8751	18.09	1.2574
10:20:00	51.72	135.03	0.1417	-0.8487	19.10	1.2810
10:21:00	51.46	133.00	0.1583	-0.8004	21.13	1.3250
10:21:30	51.29	132.06	0.1667	-0.7782	22.07	1.3438
10:22:00	51.20	132.24	0.1750	-0.7570	21.89	1.3402
10:22:30	51.03	132.91	0.1833	-0.7368	21.22	1.3267
10:23:00	50.86	132.48	0.1917	-0.7175	21.65	1.3354
10:23:30	50.78	128.68	0.2000	-0.6990	25.45	1.4057
10:24:00	50.52	124.74	0.2083	-0.6812	29.39	1.4681
10:24:30	50.44	121.92	0.2167	-0.6642	32.21	1.5080
10:25:00	50.26	119.91	0.2250	-0.6478	34.22	1.5343
10:25:30	50.01	118.36	0.2333	-0.6320	35.77	1.5535
10:26:00	49.84	117.08	0.2417	-0.6168	37.05	1.5688
10:27:00	49.50	114.89	0.2583	-0.5878	39.24	1.5937
10:27:30	49.32	113.82	0.2667	-0.5740	40.31	1.6054
10:28:00	49.15	113.08	0.2750	-0.5607	41.05	1.6133
10:28:30	48.98	112.77	0.2833	-0.5477	41.36	1.6166
10:29:30	48.64	111.09	0.3000	-0.5229	43.04	1.6338
10:30:00	48.55	110.84	0.3083	-0.5110	43.29	1.6364
10:30:30	48.30	110.65	0.3167	-0.4994	43.48	1.6383
10:31:00	48.13	110.32	0.3250	-0.4881	43.81	1.6415
10:31:30	48.04	109.88	0.3333	-0.4771	44.25	1.6459
10:32:00	47.78	109.35	0.3417	-0.4664	44.78	1.6511
10:32:30	47.70	108.78	0.3500	-0.4559	45.35	1.6566
10:33:00	47.61	108.38	0.3583	-0.4457	45.75	1.6604
10:34:00	47.27	107.66	0.3750	-0.4260	46.47	1.6671
10:35:00	46.93	107.06	0.3917	-0.4071	47.07	1.6727
10:35:30	46.93	106.79	0.4000	-0.3979	47.34	1.6752
10:36:00	46.75	106.57	0.4083	-0.3890	47.56	1.6773
10:37:00	46.58	106.34	0.4250	-0.3716	47.79	1.6793
10:37:30	46.50	106.14	0.4333	-0.3632	47.99	1.6811
10:38:00	46.32	106.00	0.4417	-0.3549	48.13	1.6824
10:39:00	46.15	105.85	0.4583	-0.3388	48.28	1.6838
10:39:30	46.15	105.75	0.4667	-0.3310	48.38	1.6846
10:40:00	46.07	105.65	0.4750	-0.3233	48.48	1.6856
10:40:30	46.07	105.57	0.4833	-0.3158	48.56	1.6863
10:41:30	45.81	105.35	0.5000	-0.3010	48.78	1.6882
10:43:30	45.64	104.80	0.5333	-0.2730	49.33	1.6931
10:44:30	45.55	104.60	0.5500	-0.2596	49.53	1.6949
10:45:00	45.47	104.51	0.5583	-0.2531	49.62	1.6957
10:45:30	45.47	104.40	0.5667	-0.2467	49.73	1.6966
10:46:30	45.38	104.22	0.5833	-0.2341	49.91	1.6981
10:48:30	45.21	104.08	0.6167	-0.2099	50.05	1.6994
10:49:00	45.21	105.39	0.6250	-0.2041	48.74	1.6878
10:49:30	45.21	105.49	0.6333	-0.1984	48.64	1.6870
10:50:00	45.21	110.09	0.6417	-0.1927	44.04	1.6438
10:50:30	45.21	115.31	0.6500	-0.1871	38.82	1.5890
10:51:00	45.29	119.58	0.6583	-0.1816	34.55	1.5385

TIME 21-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
10:51:30	45.29	122.87	0.6667	-0.1761	31.26	1.4950
10:52:00	45.38	125.37	0.6750	-0.1707	28.76	1.4588
10:52:30	45.47	127.25	0.6833	-0.1654	26.88	1.4294
10:53:00	45.55	128.64	0.6917	-0.1601	25.49	1.4064
10:53:30	45.64	129.63	0.7000	-0.1549	24.50	1.3891
10:54:00	45.81	130.38	0.7083	-0.1498	23.75	1.3756
10:54:30	45.89	130.97	0.7167	-0.1447	23.16	1.3648
10:55:00	46.07	131.43	0.7250	-0.1397	22.70	1.3561
10:55:30	46.15	131.78	0.7333	-0.1347	22.35	1.3493
10:56:00	46.32	132.03	0.7417	-0.1298	22.10	1.3443
10:56:30	46.41	132.24	0.7500	-0.1249	21.89	1.3402
10:57:00	46.58	132.40	0.7583	-0.1201	21.73	1.3372
10:57:30	46.75	132.51	0.7667	-0.1154	21.62	1.3349
10:58:30	47.01	132.69	0.7833	-0.1061	21.44	1.3312
10:59:00	47.27	132.76	0.7917	-0.1015	21.37	1.3297
10:59:30	47.35	132.79	0.8000	-0.0969	21.34	1.3292
11:01:30	47.87	132.79	0.8333	-0.0792	21.34	1.3292
11:02:30	48.13	132.85	0.8500	-0.0706	21.28	1.3279
11:03:00	48.21	132.87	0.8583	-0.0663	21.26	1.3275
11:03:30	48.30	132.87	0.8667	-0.0621	21.26	1.3275
11:04:00	48.47	132.89	0.8750	-0.0580	21.24	1.3271
11:04:30	48.47	132.93	0.8833	-0.0539	21.20	1.3263
11:05:00	48.64	132.99	0.8917	-0.0498	21.14	1.3251
11:05:30	48.64	133.08	0.9000	-0.0458	21.05	1.3233
11:06:30	48.90	133.21	0.9167	-0.0378	20.92	1.3205
11:07:00	48.98	133.28	0.9250	-0.0339	20.85	1.3191
11:07:30	48.98	133.32	0.9333	-0.0300	20.81	1.3182
11:08:00	48.98	133.31	0.9417	-0.0261	20.82	1.3185
11:08:30	49.07	133.27	0.9500	-0.0223	20.86	1.3194
11:09:30	49.24	133.10	0.9667	-0.0147	21.03	1.3228
11:10:00	49.32	133.00	0.9750	-0.0110	21.13	1.3250
11:10:30	49.32	132.87	0.9833	-0.0073	21.26	1.3276
11:11:00	49.41	132.70	0.9917	-0.0036	21.43	1.3311
11:11:30	49.50	132.48	1.0000	0.0000	21.65	1.3354
11:12:00	49.50	132.32	1.0083	0.0036	21.81	1.3387
11:12:30	49.58	132.18	1.0167	0.0072	21.95	1.3415
11:13:30	49.67	131.95	1.0333	0.0142	22.18	1.3459
11:14:00	49.67	131.85	1.0417	0.0177	22.28	1.3478
11:14:30	49.67	131.80	1.0500	0.0212	22.33	1.3489
11:15:30	49.75	131.74	1.0667	0.0280	22.39	1.3501
11:16:30	49.84	131.73	1.0833	0.0348	22.40	1.3503
11:18:30	50.01	131.74	1.1167	0.0479	22.39	1.3500
11:19:30	50.01	131.75	1.1333	0.0544	22.38	1.3499
11:20:30	50.01	131.72	1.1500	0.0607	22.41	1.3504
11:21:30	50.09	131.65	1.1667	0.0669	22.48	1.3519
11:22:30	50.09	131.54	1.1833	0.0731	22.59	1.3539
11:23:00	50.18	131.50	1.1917	0.0762	22.63	1.3546
11:23:30	50.18	131.43	1.2000	0.0792	22.70	1.3559
11:24:00	50.18	131.35	1.2083	0.0822	22.78	1.3576
11:24:30	50.18	131.28	1.2167	0.0852	22.85	1.3588
11:25:00	50.18	131.24	1.2250	0.0881	22.89	1.3596
11:27:00	50.26	131.00	1.2583	0.0998	23.13	1.3642
11:28:00	50.26	130.92	1.2750	0.1055	23.21	1.3657
11:30:00	50.35	130.69	1.3083	0.1167	23.44	1.3699
11:30:30	50.44	130.66	1.3167	0.1195	23.47	1.3706
11:31:00	50.44	130.64	1.3250	0.1222	23.49	1.3708
11:32:00	50.35	130.65	1.3417	0.1276	23.48	1.3706
11:32:30	50.44	130.69	1.3500	0.1303	23.44	1.3700
11:33:00	50.44	130.73	1.3583	0.1330	23.40	1.3691
11:35:00	50.52	131.00	1.3917	0.1435	23.13	1.3641
11:36:00	50.52	131.10	1.4083	0.1487	23.03	1.3623
11:37:00	50.52	131.22	1.4250	0.1538	22.91	1.3600

TIME 21-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
11:38:00	50.61	131.31	1.4417	0.1589	22.82	1.3583
11:39:00	50.69	131.44	1.4583	0.1639	22.69	1.3558
11:41:00	50.78	131.57	1.4917	0.1737	22.56	1.3533
11:42:00	50.78	131.60	1.5083	0.1785	22.53	1.3527
11:44:00	50.86	131.56	1.5417	0.1880	22.57	1.3536
11:44:30	50.86	131.55	1.5500	0.1903	22.58	1.3537
11:45:00	50.95	131.05	1.5583	0.1927	23.08	1.3632
11:45:30	50.86	128.99	1.5667	0.1950	25.14	1.4003
11:46:00	50.95	127.00	1.5750	0.1973	27.13	1.4334
11:46:30	50.95	125.51	1.5833	0.1996	28.62	1.4567
11:47:00	50.86	124.37	1.5917	0.2019	29.76	1.4737
11:47:30	50.86	123.49	1.6000	0.2041	30.64	1.4863
11:48:00	50.86	122.82	1.6083	0.2064	31.31	1.4957
11:48:30	50.86	122.31	1.6167	0.2086	31.82	1.5027
11:49:00	50.86	121.91	1.6250	0.2109	32.22	1.5082
11:49:30	50.78	121.60	1.6333	0.2131	32.53	1.5123
11:50:00	50.69	121.38	1.6417	0.2153	32.75	1.5152
11:50:30	50.69	121.22	1.6500	0.2175	32.91	1.5174
11:51:00	50.69	121.12	1.6583	0.2197	33.01	1.5186
11:51:30	50.61	121.10	1.6667	0.2218	33.03	1.5189
11:52:00	50.52	121.13	1.6750	0.2240	33.00	1.5185
11:54:00	50.44	121.32	1.7083	0.2326	32.81	1.5160
11:55:00	50.35	121.36	1.7250	0.2368	32.77	1.5154
11:55:30	50.35	121.40	1.7333	0.2389	32.73	1.5149
11:56:30	50.18	121.52	1.7500	0.2430	32.61	1.5134
11:57:30	50.18	121.65	1.7667	0.2472	32.48	1.5116
11:58:30	50.18	121.76	1.7833	0.2512	32.37	1.5101
11:59:30	50.18	121.81	1.8000	0.2553	32.32	1.5095
12:00:00	50.18	121.82	1.8083	0.2573	32.31	1.5093
12:01:00	50.09	121.82	1.8250	0.2613	32.31	1.5094
12:02:00	50.09	121.77	1.8417	0.2652	32.36	1.5100
12:04:00	50.09	121.57	1.8750	0.2730	32.56	1.5127
12:06:00	50.09	121.40	1.9083	0.2807	32.73	1.5150
12:08:00	50.09	121.26	1.9417	0.2882	32.87	1.5168
12:08:30	50.09	121.23	1.9500	0.2900	32.90	1.5172
12:09:30	50.09	121.22	1.9667	0.2937	32.91	1.5173
12:10:00	50.09	121.24	1.9750	0.2956	32.89	1.5171
12:11:00	50.18	121.33	1.9917	0.2992	32.80	1.5159
12:11:30	50.18	121.41	2.0000	0.3010	32.72	1.5148
12:12:00	50.09	121.52	2.0083	0.3028	32.61	1.5134
12:12:30	50.18	121.66	2.0167	0.3046	32.47	1.5115
12:13:30	50.18	121.99	2.0333	0.3082	32.14	1.5070
12:14:30	50.18	122.35	2.0500	0.3118	31.78	1.5021
12:15:00	50.18	122.22	2.0583	0.3135	31.91	1.5040
12:15:30	50.18	120.98	2.0667	0.3153	33.15	1.5205
12:16:00	50.18	119.35	2.0750	0.3170	34.78	1.5414
12:16:30	50.18	118.04	2.0833	0.3188	36.09	1.5574
12:17:00	50.18	117.01	2.0917	0.3205	37.12	1.5696
12:17:30	50.18	116.17	2.1000	0.3222	37.96	1.5793
12:18:00	50.18	115.50	2.1083	0.3239	38.63	1.5869
12:18:30	50.09	114.95	2.1167	0.3257	39.18	1.5931
12:19:00	50.09	114.49	2.1250	0.3274	39.64	1.5981
12:19:30	50.18	114.13	2.1333	0.3291	40.00	1.6020
12:20:00	50.09	113.84	2.1417	0.3308	40.29	1.6052
12:20:30	50.01	113.63	2.1500	0.3324	40.50	1.6075
12:21:00	50.01	113.48	2.1583	0.3341	40.65	1.6091
12:21:30	50.01	113.45	2.1667	0.3358	40.68	1.6094
12:22:00	49.92	113.52	2.1750	0.3375	40.61	1.6086
12:22:30	49.92	113.67	2.1833	0.3391	40.46	1.6070
12:23:00	49.75	113.85	2.1917	0.3408	40.28	1.6051
12:23:30	49.84	114.08	2.2000	0.3424	40.05	1.6026
12:24:00	49.75	114.33	2.2083	0.3441	39.80	1.5999

TIME 21-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
12:24:30	49.75	114.56	2.2167	0.3457	39.57	1.5973
12:25:30	49.67	114.96	2.2333	0.3490	39.17	1.5929
12:26:00	49.67	115.12	2.2417	0.3506	39.01	1.5912
12:26:30	49.67	115.25	2.2500	0.3522	38.88	1.5897
12:27:00	49.58	115.37	2.2583	0.3538	38.76	1.5884
12:27:30	49.58	115.47	2.2667	0.3554	38.66	1.5873
12:28:30	49.58	115.59	2.2833	0.3586	38.54	1.5860
12:29:00	49.58	115.63	2.2917	0.3602	38.50	1.5854
12:30:00	49.50	115.68	2.3083	0.3633	38.45	1.5849
12:32:00	49.58	115.72	2.3417	0.3695	38.41	1.5844
12:33:00	49.67	115.77	2.3583	0.3726	38.36	1.5839
12:33:30	49.58	115.80	2.3667	0.3741	38.33	1.5835
12:34:00	49.58	115.86	2.3750	0.3757	38.27	1.5829
12:35:00	49.67	116.03	2.3917	0.3787	38.10	1.5809
12:36:00	49.67	116.24	2.4083	0.3817	37.89	1.5785
12:37:00	49.67	116.50	2.4250	0.3847	37.63	1.5756
12:37:30	49.67	116.60	2.4333	0.3862	37.53	1.5743
12:38:00	49.67	116.65	2.4417	0.3877	37.48	1.5738
12:38:30	49.75	116.64	2.4500	0.3892	37.49	1.5739
12:39:00	49.75	116.57	2.4583	0.3906	37.56	1.5748
12:40:00	49.75	116.28	2.4750	0.3936	37.85	1.5780
12:41:00	49.84	116.04	2.4917	0.3965	38.09	1.5809
12:41:30	49.75	115.93	2.5000	0.3979	38.20	1.5821
12:42:00	49.84	115.84	2.5083	0.3994	38.29	1.5831
12:42:30	49.84	115.77	2.5167	0.4008	38.36	1.5839
12:43:30	49.92	115.68	2.5333	0.4037	38.45	1.5849
12:44:30	49.92	115.64	2.5500	0.4065	38.49	1.5853
12:45:00	49.92	115.57	2.5583	0.4080	38.56	1.5861
12:45:30	49.92	114.71	2.5667	0.4094	39.42	1.5957
12:46:00	49.84	112.82	2.5750	0.4108	41.31	1.6160
12:46:30	49.92	111.05	2.5833	0.4122	43.08	1.6343
12:47:00	49.84	109.87	2.5917	0.4136	44.26	1.6460
12:47:30	49.84	109.09	2.6000	0.4150	45.04	1.6536
12:48:00	49.84	108.59	2.6083	0.4164	45.54	1.6584
12:48:30	49.75	108.29	2.6167	0.4177	45.84	1.6612
12:49:00	49.75	108.11	2.6250	0.4191	46.02	1.6629
12:49:30	49.75	108.01	2.6333	0.4205	46.12	1.6639
12:50:00	49.67	107.94	2.6417	0.4219	46.19	1.6646
12:50:30	49.58	107.92	2.6500	0.4232	46.21	1.6647
12:51:30	49.50	108.17	2.6667	0.4260	45.96	1.6624
12:52:00	49.50	108.21	2.6750	0.4273	45.92	1.6620
12:52:30	49.50	108.24	2.6833	0.4287	45.89	1.6618
12:53:30	49.41	108.32	2.7000	0.4314	45.81	1.6609
12:55:30	49.32	108.56	2.7333	0.4367	45.57	1.6587
12:56:30	49.15	108.69	2.7500	0.4393	45.44	1.6574
12:57:00	49.15	108.74	2.7583	0.4406	45.39	1.6569
12:57:30	49.15	108.81	2.7667	0.4420	45.32	1.6563
12:58:30	49.07	108.91	2.7833	0.4446	45.22	1.6553
12:59:30	49.15	109.03	2.8000	0.4472	45.10	1.6541
13:00:30	49.15	109.13	2.8167	0.4497	45.00	1.6532
13:01:30	49.07	109.21	2.8333	0.4523	44.92	1.6524
13:02:00	49.07	109.25	2.8417	0.4536	44.88	1.6520
13:03:00	49.15	109.30	2.8583	0.4561	44.83	1.6515
13:04:00	49.07	109.27	2.8750	0.4586	44.86	1.6518
13:04:30	49.15	109.26	2.8833	0.4599	44.87	1.6520
13:06:30	49.15	109.11	2.9167	0.4649	45.02	1.6534
13:07:30	49.15	109.04	2.9333	0.4674	45.09	1.6541
13:09:30	49.15	108.94	2.9667	0.4723	45.19	1.6551
13:10:00	49.15	108.95	2.9750	0.4735	45.18	1.6550
13:12:00	49.24	109.05	3.0083	0.4783	45.08	1.6540
13:14:00	49.24	109.22	3.0417	0.4831	44.91	1.6523
13:15:00	49.24	109.30	3.0583	0.4855	44.83	1.6515



TIME 21-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
13:16:00	49.32	109.37	3.0750	0.4878	44.76	1.6509
13:16:30	49.32	109.30	3.0833	0.4890	44.83	1.6515
13:17:00	49.24	109.02	3.0917	0.4902	45.11	1.6543
13:17:30	49.32	108.17	3.1000	0.4914	45.96	1.6624
13:18:00	49.32	107.49	3.1083	0.4925	46.64	1.6687
13:18:30	49.24	107.04	3.1167	0.4937	47.09	1.6729
13:19:00	49.32	106.77	3.1250	0.4949	47.36	1.6754
13:19:30	49.32	106.62	3.1333	0.4960	47.51	1.6768
13:20:00	49.32	106.53	3.1417	0.4972	47.60	1.6776
13:20:30	49.24	106.49	3.1500	0.4983	47.64	1.6780
13:21:30	49.32	106.47	3.1667	0.5006	47.66	1.6782
13:22:30	49.24	106.49	3.1833	0.5029	47.64	1.6779
13:26:30	49.15	106.72	3.2500	0.5119	47.41	1.6758
13:27:30	49.15	106.79	3.2667	0.5141	47.34	1.6752
13:28:30	49.15	106.89	3.2833	0.5163	47.24	1.6743
13:30:30	49.24	107.00	3.3167	0.5207	47.13	1.6733
13:32:30	49.24	107.06	3.3500	0.5250	47.07	1.6727
13:34:30	49.24	107.10	3.3833	0.5293	47.03	1.6723
13:36:30	49.24	107.16	3.4167	0.5336	46.97	1.6718
13:37:30	49.32	107.19	3.4333	0.5357	46.94	1.6715
13:38:30	49.32	107.17	3.4500	0.5378	46.96	1.6717
13:40:30	49.32	107.22	3.4833	0.5420	46.91	1.6713
13:42:30	49.41	107.23	3.5167	0.5461	46.90	1.6711
13:43:30	49.50	107.19	3.5333	0.5482	46.94	1.6715
13:44:00	49.41	107.20	3.5417	0.5492	46.93	1.6715
13:44:30	49.41	107.25	3.5500	0.5502	46.88	1.6710
13:45:30	49.50	107.23	3.5667	0.5523	46.90	1.6712
13:46:00	49.50	107.26	3.5750	0.5533	46.87	1.6709
13:46:30	49.50	107.23	3.5833	0.5543	46.90	1.6712
13:47:00	49.50	106.98	3.5917	0.5553	47.15	1.6735
13:47:30	49.58	106.68	3.6000	0.5563	47.45	1.6762
13:48:00	49.50	106.47	3.6083	0.5573	47.66	1.6781
13:48:30	49.50	106.35	3.6167	0.5583	47.78	1.6792
13:49:00	49.58	106.29	3.6250	0.5593	47.84	1.6798
13:49:30	49.50	106.24	3.6333	0.5603	47.89	1.6802
13:50:00	49.58	106.22	3.6417	0.5613	47.91	1.6804
13:51:00	49.58	106.24	3.6583	0.5633	47.89	1.6802
13:51:30	49.58	106.25	3.6667	0.5643	47.88	1.6801
13:53:30	49.58	106.37	3.7000	0.5682	47.76	1.6791
13:54:00	49.58	106.37	3.7083	0.5692	47.76	1.6790
13:54:30	49.50	106.35	3.7167	0.5702	47.78	1.6793
13:56:30	49.58	106.39	3.7500	0.5740	47.74	1.6789
13:57:30	49.58	106.39	3.7667	0.5760	47.74	1.6789
13:58:00	49.67	106.43	3.7750	0.5769	47.70	1.6785
13:58:30	49.58	106.48	3.7833	0.5779	47.65	1.6781
13:59:30	49.58	106.53	3.8000	0.5798	47.60	1.6776
14:00:30	49.67	106.57	3.8167	0.5817	47.56	1.6772
14:02:30	49.67	106.61	3.8500	0.5855	47.52	1.6768
14:06:30	49.75	106.63	3.9167	0.5929	47.50	1.6767
14:08:30	49.75	106.66	3.9500	0.5966	47.47	1.6764
14:12:30	49.84	106.65	4.0167	0.6039	47.48	1.6765
14:14:30	49.92	106.65	4.0500	0.6075	47.48	1.6765
14:15:30	49.92	106.65	4.0667	0.6092	47.48	1.6765
14:16:00	49.84	106.65	4.0750	0.6101	47.48	1.6765
14:17:00	49.92	106.60	4.0917	0.6119	47.53	1.6770
14:18:00	49.92	106.48	4.1083	0.6137	47.65	1.6780
14:19:00	50.01	106.42	4.1250	0.6154	47.71	1.6786
14:19:30	50.01	106.30	4.1333	0.6163	47.83	1.6797
14:20:00	49.92	106.11	4.1417	0.6172	48.02	1.6814
14:20:30	50.01	105.96	4.1500	0.6180	48.17	1.6828
14:21:00	49.92	105.89	4.1583	0.6189	48.24	1.6834
14:21:30	50.01	105.85	4.1667	0.6198	48.28	1.6838

TIME 21-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
14:22:00	50.01	105.83	4.1750	0.6207	48.30	1.6840
14:23:00	50.01	105.83	4.1917	0.6224	48.30	1.6840
14:24:00	50.01	105.84	4.2083	0.6241	48.29	1.6838
14:28:00	50.01	105.98	4.2750	0.6309	48.15	1.6826
14:30:00	50.01	106.06	4.3083	0.6343	48.07	1.6819
14:32:00	50.09	106.10	4.3417	0.6377	48.03	1.6815
14:33:00	50.01	106.10	4.3583	0.6393	48.03	1.6815
14:34:00	50.09	106.11	4.3750	0.6410	48.02	1.6814
14:35:00	50.09	106.11	4.3917	0.6426	48.02	1.6814
14:39:00	50.18	106.04	4.4583	0.6492	48.09	1.6821
14:41:00	50.18	106.00	4.4917	0.6524	48.13	1.6824
14:43:00	50.18	106.01	4.5250	0.6556	48.12	1.6823
14:45:00	50.26	106.08	4.5583	0.6588	48.05	1.6817
14:46:00	50.26	106.10	4.5750	0.6604	48.03	1.6815
14:47:00	50.26	106.14	4.5917	0.6620	47.99	1.6812
14:49:00	50.26	106.17	4.6250	0.6651	47.96	1.6809
14:51:00	50.35	106.19	4.6583	0.6682	47.94	1.6807
14:53:00	50.35	106.15	4.6917	0.6713	47.98	1.6810
14:54:00	50.35	106.12	4.7083	0.6729	48.01	1.6814
14:54:30	50.35	106.09	4.7167	0.6736	48.04	1.6816
14:56:30	50.35	106.07	4.7500	0.6767	48.06	1.6818
14:57:30	50.44	106.08	4.7667	0.6782	48.05	1.6817
14:58:00	50.35	106.13	4.7750	0.6790	48.00	1.6812
14:58:30	50.44	106.13	4.7833	0.6797	48.00	1.6812
14:59:00	50.44	106.19	4.7917	0.6805	47.94	1.6807
14:59:30	50.44	106.11	4.8000	0.6812	48.02	1.6814
15:00:00	50.44	106.08	4.8083	0.6820	48.05	1.6816
15:00:30	50.52	106.08	4.8167	0.6827	48.05	1.6817
15:01:00	50.52	106.16	4.8250	0.6835	47.97	1.6810
15:02:00	50.44	106.10	4.8417	0.6850	48.03	1.6815
15:02:30	50.44	106.07	4.8500	0.6857	48.06	1.6818
15:03:30	50.52	106.10	4.8667	0.6872	48.03	1.6815
15:04:00	50.52	106.10	4.8750	0.6880	48.03	1.6815
15:04:30	50.44	107.30	4.8833	0.6887	46.83	1.6705
15:05:00	50.52	109.40	4.8917	0.6895	44.73	1.6506
15:05:30	50.52	110.66	4.9000	0.6902	43.47	1.6382
15:06:00	50.61	110.62	4.9083	0.6909	43.51	1.6386
15:06:30	50.61	109.40	4.9167	0.6917	44.73	1.6506
15:07:00	50.69	108.82	4.9250	0.6924	45.31	1.6562
15:07:30	50.61	108.52	4.9333	0.6931	45.61	1.6591
15:08:30	50.69	108.03	4.9500	0.6946	46.10	1.6637
15:09:00	50.78	107.88	4.9583	0.6953	46.25	1.6651
15:09:30	50.78	107.85	4.9667	0.6961	46.28	1.6654
15:10:00	50.78	107.87	4.9750	0.6968	46.26	1.6652
15:11:00	50.86	107.84	4.9917	0.6982	46.29	1.6655
15:15:00	50.95	107.82	5.0583	0.7040	46.31	1.6657
15:17:00	50.95	107.84	5.0917	0.7069	46.29	1.6655
15:18:00	50.95	107.83	5.1083	0.7083	46.30	1.6656
15:19:00	51.03	107.86	5.1250	0.7097	46.27	1.6653
15:20:00	51.03	107.86	5.1417	0.7111	46.27	1.6653
15:21:00	51.03	107.90	5.1583	0.7125	46.23	1.6650
15:22:00	51.12	107.89	5.1750	0.7139	46.24	1.6650
15:22:30	51.03	105.41	5.1833	0.7146	48.72	1.6877
15:23:00	51.03	101.72	5.1917	0.7153	52.41	1.7194
15:23:30	51.03	100.21	5.2000	0.7160	53.92	1.7318
15:24:00	50.95	99.58	5.2083	0.7167	54.55	1.7368
15:24:30	50.95	99.44	5.2167	0.7174	54.69	1.7379
15:25:00	50.95	99.65	5.2250	0.7181	54.48	1.7362
15:25:30	50.86	99.91	5.2333	0.7188	54.22	1.7341
15:26:30	50.69	100.13	5.2500	0.7202	54.00	1.7324
15:27:00	50.61	100.21	5.2583	0.7208	53.92	1.7317
15:28:00	50.44	99.87	5.2750	0.7222	54.26	1.7345

TIME 21-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
15:28:30	50.44	99.61	5.2833	0.7229	54.52	1.7365
15:29:00	50.35	99.51	5.2917	0.7236	54.62	1.7374
15:29:30	50.26	99.43	5.3000	0.7243	54.70	1.7380
15:30:30	50.18	99.46	5.3167	0.7256	54.67	1.7377
15:31:00	50.09	99.53	5.3250	0.7263	54.60	1.7372
15:31:30	50.01	99.52	5.3333	0.7270	54.61	1.7372
15:32:00	50.01	99.50	5.3417	0.7277	54.63	1.7374
15:32:30	49.92	99.62	5.3500	0.7284	54.51	1.7365
15:33:00	49.92	100.14	5.3583	0.7290	53.99	1.7323
15:33:30	49.92	100.38	5.3667	0.7297	53.75	1.7304
15:34:00	49.84	100.45	5.3750	0.7304	53.68	1.7298
15:34:30	49.84	100.44	5.3833	0.7311	53.69	1.7299
15:35:30	49.75	100.32	5.4000	0.7324	53.81	1.7309
15:36:30	49.75	100.32	5.4167	0.7337	53.81	1.7309
15:37:00	49.75	100.33	5.4250	0.7344	53.80	1.7307
15:38:00	49.67	100.32	5.4417	0.7357	53.81	1.7309
15:38:30	49.75	100.28	5.4500	0.7364	53.85	1.7312
15:39:30	49.67	100.27	5.4667	0.7377	53.86	1.7312
15:40:00	49.67	100.23	5.4750	0.7384	53.90	1.7316
15:41:00	49.58	100.20	5.4917	0.7397	53.93	1.7318
15:42:00	49.67	100.15	5.5083	0.7410	53.98	1.7322
15:42:30	49.67	100.16	5.5167	0.7417	53.97	1.7322
15:43:30	49.58	100.13	5.5333	0.7430	54.00	1.7324
15:44:30	49.58	100.14	5.5500	0.7443	53.99	1.7323
15:45:00	49.67	100.12	5.5583	0.7449	54.01	1.7324
15:46:00	49.58	100.05	5.5750	0.7462	54.08	1.7331
15:46:30	49.58	99.20	5.5833	0.7469	54.93	1.7398
15:47:00	49.58	97.85	5.5917	0.7475	56.28	1.7504
15:47:30	49.58	97.52	5.6000	0.7482	56.61	1.7529
15:48:00	49.58	97.49	5.6083	0.7488	56.64	1.7531
15:48:30	49.50	97.58	5.6167	0.7495	56.55	1.7524
15:49:00	49.50	97.78	5.6250	0.7501	56.35	1.7509
15:49:30	49.50	97.87	5.6333	0.7508	56.26	1.7502
15:50:00	49.41	97.82	5.6417	0.7514	56.31	1.7506
15:50:30	49.41	97.74	5.6500	0.7520	56.39	1.7512
15:51:30	49.41	97.54	5.6667	0.7533	56.59	1.7527
15:52:30	49.32	97.49	5.6833	0.7546	56.64	1.7532
15:53:00	49.32	97.50	5.6917	0.7552	56.63	1.7531
15:53:30	49.32	97.60	5.7000	0.7559	56.53	1.7523
15:54:00	49.24	97.60	5.7083	0.7565	56.53	1.7523
15:54:30	49.24	97.55	5.7167	0.7571	56.58	1.7527
15:55:00	49.24	97.52	5.7250	0.7578	56.61	1.7529
15:56:00	49.24	97.52	5.7417	0.7590	56.61	1.7529
15:56:30	49.15	97.47	5.7500	0.7597	56.66	1.7533
15:57:00	49.15	97.44	5.7583	0.7603	56.69	1.7535
15:57:30	49.15	97.38	5.7667	0.7609	56.75	1.7540
15:58:30	49.15	97.30	5.7833	0.7622	56.83	1.7546
15:59:30	49.07	97.26	5.8000	0.7634	56.87	1.7549
16:00:30	49.15	97.26	5.8167	0.7647	56.87	1.7549
16:01:30	49.15	97.22	5.8333	0.7659	56.91	1.7552
16:02:00	49.07	97.23	5.8417	0.7665	56.90	1.7551
16:03:00	49.07	97.24	5.8583	0.7678	56.89	1.7550
16:05:00	49.07	97.18	5.8917	0.7702	56.95	1.7555
16:05:30	48.98	97.16	5.9000	0.7709	56.97	1.7556
16:06:30	48.98	97.21	5.9167	0.7721	56.92	1.7552
16:07:30	48.98	97.23	5.9333	0.7733	56.90	1.7551
16:11:30	48.98	97.16	6.0000	0.7782	56.97	1.7556
16:13:30	48.98	97.14	6.0333	0.7806	56.99	1.7558
16:15:30	49.07	97.09	6.0667	0.7830	57.04	1.7562
16:17:30	48.98	97.11	6.1000	0.7853	57.02	1.7561
16:21:30	49.07	97.06	6.1667	0.7901	57.07	1.7564
16:25:30	48.98	97.08	6.2333	0.7947	57.05	1.7562

TIME 21-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
16:27:30	49.07	97.06	6.2667	0.7970	57.07	1.7564
16:28:30	49.07	97.08	6.2833	0.7982	57.05	1.7563
16:29:00	48.98	97.08	6.2917	0.7988	57.05	1.7562
16:30:00	49.07	97.07	6.3083	0.7999	57.06	1.7564
16:31:00	49.07	97.07	6.3250	0.8011	57.06	1.7563
16:35:00	49.07	97.06	6.3917	0.8056	57.07	1.7564
16:37:00	49.07	97.04	6.4250	0.8079	57.09	1.7565
16:39:00	49.07	97.06	6.4583	0.8101	57.07	1.7564
16:40:00	49.15	97.08	6.4750	0.8112	57.05	1.7563
16:40:30	49.15	97.08	6.4833	0.8118	57.05	1.7563
16:41:00	49.15	97.14	6.4917	0.8124	56.99	1.7558
16:41:30	49.07	97.17	6.5000	0.8129	56.96	1.7555
16:43:30	49.15	97.16	6.5333	0.8151	56.97	1.7556
16:44:30	49.15	97.16	6.5500	0.8162	56.97	1.7556
16:45:30	49.15	97.14	6.5667	0.8173	56.99	1.7558
16:46:30	49.15	97.17	6.5833	0.8184	56.96	1.7556
16:50:30	49.24	97.16	6.6500	0.8228	56.97	1.7556
16:51:30	49.15	97.17	6.6667	0.8239	56.96	1.7556
16:53:30	49.24	97.16	6.7000	0.8261	56.97	1.7556
16:54:30	49.24	97.15	6.7167	0.8272	56.98	1.7557
16:56:30	49.24	97.18	6.7500	0.8293	56.95	1.7555
17:00:30	49.32	97.18	6.8167	0.8336	56.95	1.7555
17:01:00	49.24	97.18	6.8250	0.8341	56.95	1.7555
17:02:00	49.24	97.19	6.8417	0.8352	56.94	1.7554
17:02:30	49.32	97.19	6.8500	0.8357	56.94	1.7554
17:04:30	49.24	97.20	6.8833	0.8378	56.93	1.7554
17:05:30	49.32	97.23	6.9000	0.8388	56.90	1.7551
17:13:30	49.41	97.27	7.0333	0.8472	56.86	1.7548
17:14:30	49.32	97.29	7.0500	0.8482	56.84	1.7547
17:18:30	49.41	97.29	7.1167	0.8523	56.84	1.7547
17:20:30	49.41	97.29	7.1500	0.8543	56.84	1.7546
17:21:30	49.41	97.29	7.1667	0.8553	56.84	1.7546
17:22:00	49.41	97.32	7.1750	0.8558	56.81	1.7544
17:30:00	49.41	97.33	7.3083	0.8638	56.80	1.7543
17:34:00	49.58	97.36	7.3750	0.8678	56.77	1.7541
17:36:00	49.50	97.36	7.4083	0.8697	56.77	1.7541
17:44:00	49.58	97.44	7.5417	0.8775	56.69	1.7535
17:46:00	49.50	97.45	7.5750	0.8794	56.68	1.7534
17:48:00	49.58	97.44	7.6083	0.8813	56.69	1.7535
17:52:00	49.58	97.45	7.6750	0.8851	56.68	1.7534
17:56:00	49.67	97.49	7.7417	0.8888	56.64	1.7531
17:58:00	49.67	97.49	7.7750	0.8907	56.64	1.7531
18:02:00	49.75	97.54	7.8417	0.8944	56.59	1.7528
18:04:00	49.75	97.53	7.8750	0.8963	56.60	1.7528
18:05:00	49.75	97.53	7.8917	0.8972	56.60	1.7528
18:06:00	49.75	97.56	7.9083	0.8981	56.57	1.7526
18:10:00	49.75	97.58	7.9750	0.9017	56.55	1.7525
18:11:00	49.75	97.57	7.9917	0.9026	56.56	1.7525
18:13:00	49.75	97.59	8.0250	0.9044	56.54	1.7523
18:14:00	49.75	97.60	8.0417	0.9053	56.53	1.7523
18:16:00	49.75	97.60	8.0750	0.9071	56.53	1.7523
18:18:00	49.84	97.58	8.1083	0.9089	56.55	1.7524
18:19:00	49.75	97.61	8.1250	0.9098	56.52	1.7522
18:21:00	49.75	97.61	8.1583	0.9116	56.52	1.7522
18:23:00	49.84	97.64	8.1917	0.9134	56.49	1.7520
18:23:30	49.84	97.66	8.2000	0.9138	56.47	1.7518
18:24:30	49.84	97.66	8.2167	0.9147	56.47	1.7518
18:26:30	49.92	97.72	8.2500	0.9165	56.41	1.7514
18:27:30	49.92	97.73	8.2667	0.9173	56.40	1.7513
18:31:30	49.92	97.75	8.3333	0.9208	56.38	1.7511
18:33:30	49.92	97.77	8.3667	0.9226	56.36	1.7510
18:35:30	49.92	97.76	8.4000	0.9243	56.37	1.7510

TIME 21-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
18:37:30	49.92	97.79	8.4333	0.9260	56.34	1.7508
18:39:30	49.92	97.80	8.4667	0.9277	56.33	1.7507
18:43:30	50.01	97.85	8.5333	0.9311	56.28	1.7504
18:45:30	50.01	97.85	8.5667	0.9328	56.28	1.7504
18:46:30	50.01	97.84	8.5833	0.9337	56.29	1.7504
18:47:30	50.01	97.81	8.6000	0.9345	56.32	1.7506
18:49:30	50.01	97.80	8.6333	0.9362	56.33	1.7507
18:50:30	50.01	97.82	8.6500	0.9370	56.31	1.7506
18:51:00	50.01	97.85	8.6583	0.9374	56.28	1.7503
18:52:00	50.01	97.89	8.6750	0.9383	56.24	1.7500
18:56:00	50.01	97.96	8.7417	0.9416	56.17	1.7495
18:57:00	50.09	97.98	8.7583	0.9424	56.15	1.7494
19:01:00	50.09	98.00	8.8250	0.9457	56.13	1.7492
19:03:00	50.09	98.00	8.8583	0.9474	56.13	1.7492
19:05:00	50.18	98.03	8.8917	0.9490	56.10	1.7490
19:05:30	50.09	98.02	8.9000	0.9494	56.11	1.7490
19:06:30	50.18	98.10	8.9167	0.9502	56.03	1.7484
19:07:00	50.09	98.09	8.9250	0.9506	56.04	1.7485
19:07:30	50.09	98.05	8.9333	0.9510	56.08	1.7488
19:08:30	50.18	98.06	8.9500	0.9518	56.07	1.7487
19:09:00	50.18	98.06	8.9583	0.9522	56.07	1.7487
19:10:00	50.09	98.09	8.9750	0.9530	56.04	1.7485
19:11:00	50.18	98.08	8.9917	0.9538	56.05	1.7485
19:12:00	50.18	98.11	9.0083	0.9546	56.02	1.7483
19:12:30	50.18	98.10	9.0167	0.9550	56.03	1.7484
19:13:30	50.18	98.12	9.0333	0.9558	56.01	1.7483
19:15:30	50.18	98.13	9.0667	0.9574	56.00	1.7482
19:16:30	50.18	98.14	9.0833	0.9582	55.99	1.7481
19:17:00	50.26	98.16	9.0917	0.9586	55.97	1.7480
19:21:00	50.18	98.14	9.1583	0.9618	55.99	1.7481
19:25:00	50.26	98.17	9.2250	0.9650	55.96	1.7479
19:26:00	50.26	98.15	9.2417	0.9658	55.98	1.7480
19:27:00	50.26	98.17	9.2583	0.9665	55.96	1.7479
19:27:30	50.26	98.17	9.2667	0.9669	55.96	1.7479
19:28:30	50.26	98.20	9.2833	0.9677	55.93	1.7476
19:29:30	50.26	98.21	9.3000	0.9685	55.92	1.7476
19:30:00	50.35	98.19	9.3083	0.9689	55.94	1.7477
19:32:00	50.26	98.23	9.3417	0.9704	55.90	1.7474
19:33:00	50.26	98.23	9.3583	0.9712	55.90	1.7474
19:35:00	50.35	98.28	9.3917	0.9727	55.85	1.7471
19:37:00	50.35	98.28	9.4250	0.9743	55.85	1.7470
19:38:00	50.35	98.28	9.4417	0.9750	55.85	1.7470
19:39:00	50.35	98.31	9.4583	0.9758	55.82	1.7468
19:41:00	50.35	98.32	9.4917	0.9773	55.81	1.7467
19:42:00	50.35	98.31	9.5083	0.9781	55.82	1.7468
19:43:00	50.35	98.31	9.5250	0.9789	55.82	1.7468
19:43:30	50.35	98.33	9.5333	0.9792	55.80	1.7466
19:44:30	50.35	98.31	9.5500	0.9800	55.82	1.7468
19:48:30	50.35	98.32	9.6167	0.9830	55.81	1.7467
19:49:30	50.35	98.35	9.6333	0.9838	55.78	1.7465
19:50:00	50.44	98.36	9.6417	0.9842	55.77	1.7464
19:54:00	50.44	98.39	9.7083	0.9871	55.74	1.7461
19:55:00	50.35	98.38	9.7250	0.9879	55.75	1.7462
19:57:00	50.44	98.41	9.7583	0.9894	55.72	1.7460
19:58:00	50.44	98.43	9.7750	0.9901	55.70	1.7459
19:58:30	50.44	98.44	9.7833	0.9905	55.69	1.7458
19:59:00	50.44	98.42	9.7917	0.9909	55.71	1.7459
20:00:00	50.44	98.44	9.8083	0.9916	55.69	1.7457
20:04:00	50.52	98.48	9.8750	0.9945	55.65	1.7455
20:04:30	50.44	98.47	9.8833	0.9949	55.66	1.7455
20:06:30	50.52	98.49	9.9167	0.9964	55.64	1.7454
20:07:00	50.52	98.51	9.9250	0.9967	55.62	1.7452

TIME 21-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
20:08:00	50.52	98.50	9.9417	0.9975	55.63	1.7453
20:08:30	50.52	98.48	9.9500	0.9978	55.65	1.7454
20:09:30	50.52	98.49	9.9667	0.9985	55.64	1.7454
20:10:00	50.52	98.50	9.9750	0.9989	55.63	1.7453
20:11:00	50.52	98.49	9.9917	0.9996	55.64	1.7454
20:12:00	50.52	98.51	10.0083	1.0004	55.62	1.7453
20:12:30	50.52	98.52	10.0167	1.0007	55.61	1.7452
20:13:30	50.52	98.50	10.0333	1.0014	55.63	1.7453
20:17:30	50.52	98.53	10.1000	1.0043	55.60	1.7451
20:19:30	50.52	98.53	10.1333	1.0058	55.60	1.7451
20:20:30	50.52	98.55	10.1500	1.0065	55.58	1.7449
20:22:30	50.52	98.56	10.1833	1.0079	55.57	1.7449
20:24:30	50.61	98.59	10.2167	1.0093	55.54	1.7446
20:25:30	50.52	98.58	10.2333	1.0100	55.55	1.7447
20:29:30	50.69	98.63	10.3000	1.0128	55.50	1.7443
20:31:30	50.61	98.64	10.3333	1.0142	55.49	1.7442
20:32:30	50.69	98.64	10.3500	1.0149	55.49	1.7442
20:34:30	50.52	98.67	10.3833	1.0163	55.46	1.7440
20:35:30	50.69	98.67	10.4000	1.0170	55.46	1.7440
20:36:00	50.69	98.68	10.4083	1.0174	55.45	1.7439
20:36:30	50.69	98.72	10.4167	1.0177	55.41	1.7436
20:37:00	50.61	98.73	10.4250	1.0181	55.40	1.7435
20:37:30	50.61	98.70	10.4333	1.0184	55.43	1.7438
20:38:00	50.61	98.69	10.4417	1.0188	55.44	1.7438
20:38:30	50.61	98.71	10.4500	1.0191	55.42	1.7437
20:39:00	50.61	98.69	10.4583	1.0195	55.44	1.7438
20:41:00	50.69	98.72	10.4917	1.0208	55.41	1.7436
20:45:00	50.69	98.72	10.5583	1.0236	55.41	1.7436
20:46:00	50.69	98.75	10.5750	1.0243	55.38	1.7433
20:48:00	50.69	98.76	10.6083	1.0256	55.37	1.7433
20:49:00	50.61	98.77	10.6250	1.0263	55.36	1.7432
20:51:00	50.78	98.77	10.6583	1.0277	55.36	1.7432
20:52:00	50.69	98.77	10.6750	1.0284	55.36	1.7432
20:52:30	50.69	98.79	10.6833	1.0287	55.34	1.7430
20:56:30	50.69	98.80	10.7500	1.0314	55.33	1.7430
20:57:30	50.69	98.82	10.7667	1.0321	55.31	1.7428
20:58:30	50.69	98.81	10.7833	1.0328	55.32	1.7428
21:00:30	50.78	98.84	10.8167	1.0341	55.29	1.7426
21:04:30	50.78	98.87	10.8833	1.0368	55.26	1.7424
21:06:30	50.78	98.87	10.9167	1.0381	55.26	1.7424
21:07:30	50.78	98.87	10.9333	1.0388	55.26	1.7424
21:09:30	50.78	98.91	10.9667	1.0401	55.22	1.7421
21:13:30	50.78	98.94	11.0333	1.0427	55.19	1.7419
21:17:30	50.86	98.98	11.1000	1.0453	55.15	1.7415
21:21:30	50.86	98.99	11.1667	1.0479	55.14	1.7414
21:23:30	50.86	99.01	11.2000	1.0492	55.12	1.7413
21:24:30	50.86	99.00	11.2167	1.0499	55.13	1.7414
21:28:30	50.86	99.03	11.2833	1.0524	55.10	1.7412
21:29:30	50.86	99.04	11.3000	1.0531	55.09	1.7411
21:33:30	50.95	99.05	11.3667	1.0556	55.08	1.7410
21:35:30	50.95	99.06	11.4000	1.0569	55.07	1.7409
21:36:30	50.86	99.08	11.4167	1.0575	55.05	1.7408
21:37:30	50.95	99.07	11.4333	1.0582	55.06	1.7408
21:38:30	50.95	99.09	11.4500	1.0588	55.04	1.7407
21:39:30	50.95	99.09	11.4667	1.0594	55.04	1.7407
21:40:00	50.95	99.10	11.4750	1.0598	55.03	1.7406
21:41:00	50.95	99.10	11.4917	1.0604	55.03	1.7406
21:43:00	50.95	99.12	11.5250	1.0616	55.01	1.7404
21:44:00	50.95	99.12	11.5417	1.0623	55.01	1.7405
21:45:00	50.95	99.15	11.5583	1.0629	54.98	1.7402
21:47:00	50.95	99.15	11.5917	1.0641	54.98	1.7402
21:48:00	50.95	99.15	11.6083	1.0648	54.98	1.7402

TIME 21-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
21:49:00	50.95	99.17	11.6250	1.0654	54.96	1.7401
21:53:00	51.03	99.17	11.6917	1.0679	54.96	1.7400
21:57:00	51.03	99.21	11.7583	1.0703	54.92	1.7398
22:01:00	51.03	99.25	11.8250	1.0728	54.88	1.7394
22:01:30	51.03	99.26	11.8333	1.0731	54.87	1.7393
22:02:00	51.03	99.25	11.8417	1.0734	54.88	1.7394
22:03:00	51.03	99.24	11.8583	1.0740	54.89	1.7395
22:04:00	51.03	99.26	11.8750	1.0746	54.87	1.7393
22:06:00	51.03	99.27	11.9083	1.0759	54.86	1.7393
22:07:00	51.03	99.26	11.9250	1.0765	54.87	1.7393
22:09:00	51.03	99.30	11.9583	1.0777	54.83	1.7390
22:10:00	51.03	99.32	11.9750	1.0783	54.81	1.7389
22:14:00	51.03	99.33	12.0417	1.0807	54.80	1.7388
22:15:00	51.12	99.35	12.0583	1.0813	54.78	1.7386
22:19:00	51.12	99.36	12.1250	1.0837	54.77	1.7386
22:20:00	51.12	99.37	12.1417	1.0843	54.76	1.7385
22:22:00	51.12	99.37	12.1750	1.0855	54.76	1.7385
22:23:00	51.12	99.36	12.1917	1.0861	54.77	1.7385
22:24:00	51.20	99.39	12.2083	1.0867	54.74	1.7383
22:28:00	51.12	99.40	12.2750	1.0890	54.73	1.7382
22:32:00	51.20	99.44	12.3417	1.0914	54.69	1.7379
22:34:00	51.12	99.44	12.3750	1.0925	54.69	1.7379
22:34:30	51.20	99.46	12.3833	1.0928	54.67	1.7378
22:36:30	51.20	99.47	12.4167	1.0940	54.66	1.7377
22:38:30	51.20	99.50	12.4500	1.0952	54.63	1.7375
22:46:30	51.29	99.52	12.5833	1.0998	54.61	1.7373
22:48:30	51.20	99.52	12.6167	1.1009	54.61	1.7373
22:50:30	51.29	99.55	12.6500	1.1021	54.58	1.7371
22:54:30	51.20	99.54	12.7167	1.1044	54.59	1.7371
22:56:30	51.29	99.55	12.7500	1.1055	54.58	1.7370
22:58:30	51.29	99.58	12.7833	1.1066	54.55	1.7368
23:00:30	51.20	99.58	12.8167	1.1078	54.55	1.7368
23:04:30	51.29	99.62	12.8833	1.1100	54.51	1.7365
23:06:30	51.29	99.65	12.9167	1.1112	54.48	1.7362
23:08:30	51.29	99.65	12.9500	1.1123	54.48	1.7363
23:10:30	51.29	99.67	12.9833	1.1134	54.46	1.7361
23:18:30	51.29	99.69	13.1167	1.1178	54.44	1.7359
23:22:30	51.29	99.70	13.1833	1.1200	54.43	1.7358
23:38:30	51.46	99.81	13.4500	1.1287	54.32	1.7350
23:46:30	51.46	99.87	13.5833	1.1330	54.26	1.7345
23:50:30	51.46	99.90	13.6500	1.1351	54.23	1.7342
23:54:30	51.46	99.91	13.7167	1.1372	54.22	1.7342
23:56:30	51.46	99.92	13.7500	1.1383	54.21	1.7341
23:57:30	51.46	99.91	13.7667	1.1388	54.22	1.7341
00:01:30	51.46	99.94	13.8333	1.1409	54.19	1.7339
00:05:30	51.55	99.96	13.9000	1.1430	54.17	1.7338
00:09:30	51.55	99.99	13.9667	1.1451	54.14	1.7335
00:13:30	51.55	99.99	14.0333	1.1472	54.14	1.7335
00:14:30	51.55	100.00	14.0500	1.1477	54.13	1.7334
00:15:00	51.55	100.01	14.0583	1.1479	54.12	1.7334
00:16:00	51.55	100.00	14.0750	1.1484	54.13	1.7334
00:20:00	51.46	100.04	14.1417	1.1505	54.09	1.7331
00:28:00	51.55	100.08	14.2750	1.1546	54.05	1.7328
00:32:00	51.63	100.10	14.3417	1.1566	54.03	1.7326
00:33:00	51.63	100.10	14.3583	1.1571	54.03	1.7326
00:35:00	51.55	100.12	14.3917	1.1581	54.01	1.7325
00:37:00	51.63	100.19	14.4250	1.1591	53.94	1.7319
00:41:00	51.55	100.20	14.4917	1.1611	53.93	1.7318
00:43:00	51.63	100.19	14.5250	1.1621	53.94	1.7319
00:45:00	51.63	100.21	14.5583	1.1631	53.92	1.7318
00:47:00	51.63	100.20	14.5917	1.1641	53.93	1.7318
00:51:00	51.63	100.23	14.6583	1.1661	53.90	1.7316

TIME	SDT	SDP	t-t0	L(t-t0)	P-P0	L(P-P0)
22-SEP-83	degC	BAR	HR		BAR	
00:53:00	51.63	100.22	14.6917	1.1671	53.91	1.7316
00:55:00	51.72	100.24	14.7250	1.1681	53.89	1.7315
00:55:30	51.63	100.26	14.7333	1.1683	53.87	1.7314
00:57:30	51.72	100.26	14.7667	1.1693	53.87	1.7314
00:58:30	51.63	100.27	14.7833	1.1698	53.86	1.7312
00:59:00	51.72	100.27	14.7917	1.1700	53.86	1.7313
01:00:00	51.72	100.29	14.8083	1.1705	53.84	1.7311
01:00:00	51.80	100.30	14.9417	1.1744	53.83	1.7310
01:10:00	51.72	100.31	14.9750	1.1754	53.82	1.7310
01:10:30	51.72	100.32	14.9833	1.1756	53.81	1.7309
01:14:30	51.72	100.34	15.0500	1.1775	53.79	1.7307
01:16:30	51.72	100.33	15.0633	1.1785	53.80	1.7308
01:17:00	51.72	99.71	15.0917	1.1787	54.42	1.7358
01:17:30	51.80	99.18	15.1000	1.1790	54.95	1.7399



## 2nd BUILD UP. POST GRAVEL PACK.

[249] T0=22-SEP-83 01:17:45

P0=99.18 FT=012:30:00

TIME 22-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)	L(Horn)
01:18:00	51.80	104.08	0.0042	-2.3802	4.90	0.6898	3.4773
01:18:30	51.80	152.78	0.0125	-1.9031	53.60	1.7292	3.0004
01:19:00	52.14	156.80	0.0208	-1.6812	57.62	1.7606	2.7789
01:19:30	52.40	156.95	0.0292	-1.5351	57.77	1.7617	2.6330
01:20:00	52.57	157.03	0.0375	-1.4260	57.85	1.7623	2.5242
01:20:30	52.83	157.09	0.0458	-1.3388	57.91	1.7628	2.4373
01:21:30	53.25	157.16	0.0625	-1.2041	57.98	1.7633	2.3032
01:22:30	53.68	157.21	0.0792	-1.1015	58.03	1.7636	2.2011
01:24:30	54.27	157.24	0.1125	-0.9488	58.06	1.7639	2.0496
01:28:30	54.96	157.22	0.1792	-0.7467	58.04	1.7638	1.8498
01:32:30	55.21	157.17	0.2458	-0.6094	57.99	1.7634	1.7147
01:36:30	55.30	157.14	0.3125	-0.5051	57.96	1.7631	1.6128
01:40:30	55.30	157.12	0.3792	-0.4212	57.94	1.7630	1.5311
01:44:30	55.13	157.12	0.4458	-0.3508	57.94	1.7629	1.4630
01:45:00	55.21	157.13	0.4542	-0.3428	57.95	1.7630	1.4552
02:17:00	54.36	157.16	0.9875	-0.0055	57.98	1.7632	1.1354
02:25:00	54.36	157.16	1.1208	0.0495	57.98	1.7633	1.0847
02:29:00	54.27	157.16	1.1875	0.0746	57.98	1.7633	1.0617
02:30:00	54.27	157.16	1.2042	0.0807	57.98	1.7633	1.0562
02:30:30	54.27	157.15	1.2125	0.0837	57.97	1.7632	1.0534
02:32:30	54.19	157.16	1.2458	0.0955	57.98	1.7633	1.0427
02:40:30	54.10	157.15	1.3792	0.1396	57.97	1.7632	1.0027
02:56:30	54.19	157.18	1.6458	0.2164	58.00	1.7635	0.9342
02:58:30	54.10	157.18	1.6792	0.2251	58.00	1.7634	0.9266
02:59:30	54.19	157.18	1.6958	0.2294	58.00	1.7634	0.9228
03:00:30	54.19	157.17	1.7125	0.2336	57.99	1.7634	0.9190
03:02:30	54.19	157.18	1.7458	0.2420	58.00	1.7635	0.9117
03:04:30	54.19	157.17	1.7792	0.2502	57.99	1.7634	0.9045
03:06:30	54.19	157.18	1.8125	0.2583	58.00	1.7635	0.8974
03:22:30	54.19	157.18	2.0792	0.3179	58.00	1.7634	0.8458
03:38:30	54.19	157.19	2.3458	0.3703	58.01	1.7635	0.8013
03:46:30	54.19	157.18	2.4792	0.3943	58.00	1.7635	0.7812
03:54:30	54.27	157.20	2.6125	0.4171	58.02	1.7636	0.7623
03:56:30	54.19	157.20	2.6458	0.4226	58.02	1.7636	0.7577
03:57:30	54.27	157.21	2.6625	0.4253	58.03	1.7636	0.7555
04:05:30	54.19	157.20	2.7958	0.4465	58.02	1.7636	0.7381
04:09:30	54.19	157.21	2.8625	0.4567	58.03	1.7636	0.7297
04:10:00	54.19	157.19	2.8708	0.4580	58.01	1.7635	0.7287
04:11:00	54.27	157.21	2.8875	0.4605	58.03	1.7637	0.7266
04:13:00	54.27	157.20	2.9208	0.4655	58.02	1.7636	0.7226
04:45:00	54.27	157.21	3.4542	0.5383	58.03	1.7637	0.6645
05:01:00	54.27	157.21	3.7208	0.5706	58.03	1.7636	0.6394
05:05:00	54.27	157.21	3.7875	0.5784	58.03	1.7637	0.6335
05:05:30	54.19	157.20	3.7958	0.5793	58.02	1.7636	0.6328
05:09:30	54.27	157.22	3.8625	0.5869	58.04	1.7637	0.6270
05:17:30	54.27	157.20	3.9958	0.6016	58.02	1.7636	0.6158
05:49:30	54.36	157.21	4.5292	0.6560	58.03	1.7637	0.5752
05:57:30	54.44	157.21	4.6625	0.6686	58.03	1.7637	0.5660
06:01:30	54.36	157.20	4.7292	0.6748	58.02	1.7636	0.5615
07:05:30	54.53	157.23	5.7958	0.7631	58.05	1.7638	0.4992
07:21:30	54.53	157.22	6.0625	0.7827	58.04	1.7637	0.4860
07:25:30	54.44	157.23	6.1292	0.7874	58.05	1.7638	0.4826
07:26:00	54.53	157.22	6.1375	0.7880	58.04	1.7637	0.4824
07:42:00	54.53	157.23	6.4042	0.8065	58.05	1.7638	0.4701
07:44:00	54.53	157.23	6.4375	0.8087	58.05	1.7638	0.4686
07:45:00	54.53	157.23	6.4542	0.8098	58.05	1.7638	0.4679

## ACID JOB. ( 10 Bbls OF 15 % HCl )

[138] START TIME:22-SEP-83 07:45:00

22-SEP-83	SDT degC	SDF BAR
07:45:00	54.53	157.23
07:45:30	54.44	157.14
07:46:00	54.53	157.25
07:47:00	54.53	157.20
07:47:30	54.53	158.52
07:48:00	54.53	158.50
07:48:30	54.44	158.95
07:49:00	54.36	166.64
07:49:30	54.36	178.14
07:50:00	54.27	183.08
07:50:30	54.19	189.20
07:51:00	54.02	195.50
07:51:30	53.85	203.61
07:52:00	53.76	208.93
07:52:30	53.51	211.00
07:53:00	53.34	211.66
07:53:30	53.08	214.05
07:54:00	52.83	216.13
07:54:30	52.57	216.32
07:55:00	52.31	217.20
07:55:30	51.89	217.68
07:56:00	51.55	190.24
07:56:30	51.29	164.22
07:57:00	50.95	157.63
07:57:30	50.52	156.43
07:58:00	50.26	155.26
07:58:30	50.01	154.80
07:59:00	49.75	154.55
07:59:30	49.58	154.40
08:00:00	49.41	154.30
08:00:30	49.24	154.22
08:01:00	49.07	154.16
08:02:00	48.64	154.08
08:02:30	48.64	154.05
08:03:00	48.55	154.04
08:03:30	48.38	150.77
08:04:00	48.38	153.45
08:04:30	48.30	153.66
08:05:00	48.21	153.69
08:05:30	48.21	153.71
08:07:30	48.04	153.75
08:11:30	48.21	153.77
08:15:30	48.47	153.81
08:17:30	48.55	153.82
08:18:30	48.72	153.83
08:34:30	49.67	153.89
08:36:30	49.84	153.90
08:37:30	49.84	153.91
08:38:30	49.84	153.88
08:46:30	50.26	153.89
09:02:30	50.86	153.92
09:10:30	51.03	153.94
09:11:00	51.03	153.94
09:11:30	51.03	153.88
09:12:00	51.12	153.33

## 3rd DRAW DOWN. POST ACID JOB.

[250] T0=22-SEP-83 09:12:00

P0=153.33

TIME 22-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
09:12:30	51.03	138.77	0.0083	-2.0792	14.56	1.1633
09:13:00	51.12	140.39	0.0167	-1.7782	12.94	1.1120
09:13:30	51.12	142.11	0.0250	-1.6021	11.22	1.0498
09:14:00	51.29	144.00	0.0333	-1.4771	9.33	0.9700
09:14:30	51.46	144.61	0.0417	-1.3802	8.72	0.9407
09:15:00	51.55	144.75	0.0500	-1.3010	8.58	0.9335
09:15:30	51.89	144.51	0.0583	-1.2341	8.82	0.9455
09:16:00	52.14	144.21	0.0667	-1.1761	9.12	0.9598
09:16:30	52.40	143.86	0.0750	-1.1249	9.47	0.9765
09:17:00	52.66	143.41	0.0833	-1.0792	9.92	0.9964
09:17:30	52.83	142.92	0.0917	-1.0378	10.41	1.0174
09:18:30	53.34	141.93	0.1083	-0.9652	11.40	1.0570
09:19:00	53.59	141.45	0.1167	-0.9331	11.88	1.0748
09:19:30	53.85	140.90	0.1250	-0.9031	12.43	1.0945
09:20:00	54.10	140.17	0.1333	-0.8751	13.16	1.1193
09:20:30	54.27	139.77	0.1417	-0.8487	13.56	1.1323
09:21:00	54.44	139.55	0.1500	-0.8239	13.78	1.1393
09:21:30	54.70	138.38	0.1583	-0.8004	14.95	1.1746
09:22:00	54.87	135.45	0.1667	-0.7782	17.88	1.2525
09:22:30	55.13	133.25	0.1750	-0.7570	20.08	1.3028
09:23:00	55.30	131.63	0.1833	-0.7368	21.70	1.3364
09:23:30	55.47	130.59	0.1917	-0.7175	22.74	1.3569
09:24:00	55.64	129.75	0.2000	-0.6990	23.58	1.3726
09:24:30	55.81	129.11	0.2083	-0.6812	24.22	1.3842
09:25:00	55.98	128.11	0.2167	-0.6642	25.22	1.4017
09:25:30	56.15	127.29	0.2250	-0.6478	26.04	1.4156
09:26:00	56.23	126.63	0.2333	-0.6320	26.70	1.4266
09:26:30	56.32	126.27	0.2417	-0.6168	27.06	1.4323
09:27:00	56.49	125.97	0.2500	-0.6021	27.36	1.4370
09:27:30	56.57	125.79	0.2583	-0.5878	27.54	1.4400
09:28:00	56.65	125.69	0.2667	-0.5740	27.64	1.4416
09:28:30	56.74	125.64	0.2750	-0.5607	27.69	1.4424
09:29:00	56.74	125.60	0.2833	-0.5477	27.73	1.4429
09:29:30	56.91	125.56	0.2917	-0.5351	27.77	1.4436
09:30:00	56.91	125.58	0.3000	-0.5229	27.75	1.4432
09:32:00	57.16	125.81	0.3333	-0.4771	27.52	1.4396
09:32:30	57.16	125.87	0.3417	-0.4664	27.46	1.4386
09:33:30	57.16	126.03	0.3583	-0.4457	27.30	1.4361
09:34:00	57.25	126.09	0.3667	-0.4357	27.24	1.4352
09:34:30	57.16	126.25	0.3750	-0.4260	27.08	1.4326
09:35:00	57.25	130.95	0.3833	-0.4164	22.38	1.3498
09:35:30	57.33	135.48	0.3917	-0.4071	17.85	1.2517
09:36:00	57.42	137.95	0.4000	-0.3979	15.38	1.1870
09:36:30	57.50	139.25	0.4083	-0.3890	14.08	1.1485
09:37:00	57.59	139.75	0.4167	-0.3802	13.58	1.1329
09:37:30	57.67	139.83	0.4250	-0.3716	13.50	1.1304
09:38:00	57.76	139.70	0.4333	-0.3632	13.63	1.1344
09:38:30	57.84	139.46	0.4417	-0.3549	13.87	1.1422
09:39:00	57.84	139.11	0.4500	-0.3468	14.22	1.1529
09:39:30	58.01	138.75	0.4583	-0.3388	14.58	1.1638
09:40:00	58.10	138.35	0.4667	-0.3310	14.98	1.1754
09:40:30	58.18	138.02	0.4750	-0.3233	15.31	1.1850
09:41:00	58.18	137.77	0.4833	-0.3158	15.56	1.1919
09:41:30	58.35	137.67	0.4917	-0.3083	15.66	1.1947
09:42:00	58.35	137.64	0.5000	-0.3010	15.69	1.1955
09:42:30	58.44	137.72	0.5083	-0.2939	15.61	1.1934
09:43:00	58.52	137.90	0.5167	-0.2868	15.43	1.1883
09:44:00	58.69	138.35	0.5333	-0.2730	14.98	1.1754
09:44:30	58.69	138.55	0.5417	-0.2663	14.78	1.1696
09:45:00	58.78	138.73	0.5500	-0.2596	14.60	1.1644

TIME 22-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
09:45:30	58.78	138.87	0.5583	-0.2531	14.46	1.1602
09:46:00	58.86	138.99	0.5667	-0.2467	14.34	1.1566
09:46:30	58.94	139.08	0.5750	-0.2403	14.25	1.1539
09:48:30	59.11	139.32	0.6083	-0.2159	14.01	1.1463
09:49:30	59.20	139.46	0.6250	-0.2041	13.87	1.1421
09:50:00	59.20	139.54	0.6333	-0.1984	13.79	1.1396
09:51:00	59.28	139.75	0.6500	-0.1871	13.58	1.1329
09:51:30	59.37	139.90	0.6583	-0.1816	13.43	1.1282
09:52:00	59.37	140.07	0.6667	-0.1761	13.26	1.1225
09:53:00	59.54	140.38	0.6833	-0.1654	12.95	1.1122
09:53:30	59.45	140.52	0.6917	-0.1601	12.81	1.1074
09:54:30	59.62	140.72	0.7083	-0.1498	12.61	1.1008
09:55:30	59.71	140.88	0.7250	-0.1397	12.45	1.0952
09:56:30	59.71	141.00	0.7417	-0.1298	12.33	1.0908
09:57:30	59.79	141.08	0.7583	-0.1201	12.25	1.0882
09:58:00	59.79	141.11	0.7667	-0.1154	12.22	1.0870
10:00:00	59.88	141.15	0.8000	-0.0969	12.18	1.0856
10:01:00	59.96	141.18	0.8167	-0.0880	12.15	1.0845
10:02:00	60.05	141.26	0.8333	-0.0792	12.07	1.0818
10:02:30	59.96	141.25	0.8417	-0.0749	12.08	1.0822
10:03:00	59.96	141.27	0.8500	-0.0706	12.06	1.0812
10:03:30	59.96	141.28	0.8583	-0.0663	12.05	1.0810
10:04:00	60.05	141.25	0.8667	-0.0621	12.08	1.0821
10:05:00	60.13	141.10	0.8833	-0.0539	12.23	1.0874
10:06:00	60.13	140.90	0.9000	-0.0458	12.43	1.0944
10:07:00	60.13	140.74	0.9167	-0.0378	12.59	1.1001
10:07:30	60.13	140.68	0.9250	-0.0339	12.65	1.1023
10:08:30	60.21	140.59	0.9417	-0.0261	12.74	1.1052
10:09:00	60.21	140.56	0.9500	-0.0223	12.77	1.1061
10:10:00	60.21	140.54	0.9667	-0.0147	12.79	1.1069
10:12:00	60.21	140.59	1.0000	0.0000	12.74	1.1053
10:14:00	60.30	140.70	1.0333	0.0142	12.63	1.1013
10:15:00	60.21	140.74	1.0500	0.0212	12.59	1.1000
10:16:00	60.30	140.77	1.0667	0.0280	12.56	1.0990
10:17:00	60.30	140.77	1.0833	0.0348	12.56	1.0990
10:19:00	60.30	140.68	1.1167	0.0479	12.65	1.1020
10:20:00	60.38	140.63	1.1333	0.0544	12.70	1.1039
10:22:00	60.38	140.56	1.1667	0.0669	12.77	1.1063
10:24:00	60.38	140.53	1.2000	0.0792	12.80	1.1074
10:25:00	60.38	140.50	1.2167	0.0852	12.83	1.1083
10:27:00	60.38	140.49	1.2500	0.0969	12.84	1.1087
10:27:30	60.47	140.49	1.2583	0.0998	12.84	1.1085
10:28:00	60.38	140.50	1.2667	0.1027	12.83	1.1081
10:28:30	60.38	140.54	1.2750	0.1055	12.79	1.1068
10:29:00	60.38	140.60	1.2833	0.1083	12.73	1.1048
10:30:00	60.38	140.69	1.3000	0.1139	12.64	1.1017
10:30:30	60.47	140.76	1.3083	0.1167	12.57	1.0992
10:31:00	60.47	140.85	1.3167	0.1195	12.48	1.0963
10:33:00	60.47	141.11	1.3500	0.1303	12.22	1.0872
10:33:30	60.38	141.16	1.3583	0.1330	12.17	1.0852
10:34:30	60.47	141.24	1.3750	0.1383	12.09	1.0824
10:35:00	60.55	141.30	1.3833	0.1409	12.03	1.0803
10:37:00	60.55	141.39	1.4167	0.1513	11.94	1.0769
10:37:30	60.55	141.41	1.4250	0.1538	11.92	1.0765
10:38:30	60.55	141.39	1.4417	0.1589	11.94	1.0769
10:39:30	60.55	141.41	1.4583	0.1639	11.92	1.0761
10:40:30	60.55	141.40	1.4750	0.1688	11.93	1.0767
10:42:30	60.64	141.35	1.5083	0.1785	11.98	1.0786
10:43:30	60.55	141.35	1.5250	0.1833	11.98	1.0785
10:45:30	60.55	141.25	1.5583	0.1927	12.08	1.0819
10:46:30	60.64	141.20	1.5750	0.1973	12.13	1.0839
10:47:30	60.64	141.20	1.5917	0.2019	12.13	1.0838

TIME 22-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
10:48:00	60.64	141.20	1.6000	0.2041	12.13	1.0838
10:49:00	60.64	141.27	1.6167	0.2086	12.06	1.0814
10:51:00	60.64	141.46	1.6500	0.2175	11.87	1.0744
10:52:00	60.64	141.58	1.6667	0.2218	11.75	1.0701
10:53:00	60.72	141.68	1.6833	0.2262	11.65	1.0663
10:55:00	60.64	141.82	1.7167	0.2347	11.51	1.0611
10:56:00	60.72	141.89	1.7333	0.2389	11.44	1.0585
10:58:00	60.72	141.88	1.7667	0.2472	11.45	1.0587
10:58:30	60.72	141.88	1.7750	0.2492	11.45	1.0586
11:00:30	60.81	141.81	1.8083	0.2573	11.52	1.0614
11:01:30	60.72	141.74	1.8250	0.2613	11.59	1.0642
11:03:30	60.81	141.64	1.8583	0.2691	11.69	1.0677
11:05:30	60.81	141.61	1.8917	0.2768	11.72	1.0690
11:06:00	60.81	141.60	1.9000	0.2788	11.73	1.0693
11:06:30	60.81	141.63	1.9083	0.2807	11.70	1.0683
11:07:00	60.81	141.63	1.9167	0.2825	11.70	1.0683
11:09:00	60.81	141.82	1.9500	0.2900	11.51	1.0609
11:09:30	60.81	141.86	1.9583	0.2919	11.47	1.0596
11:10:30	60.81	141.98	1.9750	0.2956	11.35	1.0551
11:11:00	60.89	142.04	1.9833	0.2974	11.29	1.0528
11:11:30	60.81	142.06	1.9917	0.2992	11.27	1.0519
11:12:30	60.81	142.15	2.0083	0.3028	11.18	1.0484
11:13:30	60.89	142.21	2.0250	0.3064	11.12	1.0461
11:14:00	60.81	142.23	2.0333	0.3082	11.10	1.0453
11:15:00	60.89	142.23	2.0500	0.3118	11.10	1.0453
11:15:30	60.89	142.22	2.0583	0.3135	11.11	1.0455
11:17:30	60.89	142.14	2.0917	0.3205	11.19	1.0487
11:18:00	60.89	142.11	2.1000	0.3222	11.22	1.0499
11:19:00	60.89	142.09	2.1167	0.3257	11.24	1.0509
11:19:30	60.89	142.08	2.1250	0.3274	11.25	1.0511
11:20:30	60.89	142.03	2.1417	0.3308	11.30	1.0532
11:21:00	60.98	142.03	2.1500	0.3324	11.30	1.0529
11:22:00	60.89	142.01	2.1667	0.3358	11.32	1.0540
11:23:00	60.98	141.96	2.1833	0.3391	11.37	1.0556
11:25:00	60.98	141.93	2.2167	0.3457	11.40	1.0568
11:26:00	60.98	141.97	2.2333	0.3490	11.36	1.0554
11:26:30	60.98	142.01	2.2417	0.3506	11.32	1.0539
11:28:30	60.89	142.18	2.2750	0.3570	11.15	1.0471
11:29:30	60.98	142.28	2.2917	0.3602	11.05	1.0434
11:30:30	60.98	142.39	2.3083	0.3633	10.94	1.0391
11:31:00	60.98	142.42	2.3167	0.3649	10.91	1.0380
11:32:00	60.98	142.50	2.3333	0.3680	10.83	1.0344
11:34:00	60.98	142.58	2.3667	0.3741	10.75	1.0313
11:35:00	61.06	142.62	2.3833	0.3772	10.71	1.0299
11:37:00	61.06	142.62	2.4167	0.3832	10.71	1.0297
11:37:30	60.98	142.63	2.4250	0.3847	10.70	1.0294
11:38:30	61.06	142.61	2.4417	0.3877	10.72	1.0303
11:40:30	61.14	142.62	2.4750	0.3936	10.71	1.0296
11:42:30	61.06	142.54	2.5083	0.3994	10.79	1.0329
11:43:00	61.06	142.50	2.5167	0.4008	10.83	1.0346
11:44:00	61.14	142.49	2.5333	0.4037	10.84	1.0350
11:44:30	61.06	142.48	2.5417	0.4051	10.85	1.0356
11:45:00	61.14	142.50	2.5500	0.4065	10.83	1.0344
11:45:30	61.14	140.61	2.5583	0.4080	12.72	1.1045
11:46:00	61.06	136.99	2.5667	0.4094	16.34	1.2134
11:46:30	61.06	134.30	2.5750	0.4108	19.03	1.2794
11:47:00	60.98	133.11	2.5833	0.4122	20.22	1.3057
11:47:30	60.89	132.59	2.5917	0.4136	20.74	1.3168
11:48:00	60.81	132.32	2.6000	0.4150	21.01	1.3224
11:48:30	60.81	132.25	2.6083	0.4164	21.08	1.3239
11:49:30	60.64	132.33	2.6250	0.4191	21.00	1.3222
11:50:30	60.47	132.36	2.6417	0.4219	20.97	1.3215

TIME 22-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
11:51:00	60.47	132.38	2.6500	0.4232	20.95	1.3212
11:51:30	60.38	132.37	2.6583	0.4246	20.96	1.3214
11:53:30	60.13	132.27	2.6917	0.4300	21.06	1.3236
11:55:30	59.96	132.25	2.7250	0.4354	21.08	1.3238
11:56:00	59.88	132.26	2.7333	0.4367	21.07	1.3237
11:57:00	59.79	132.24	2.7500	0.4393	21.09	1.3241
11:59:00	59.71	132.16	2.7833	0.4446	21.17	1.3258
11:59:30	59.62	132.14	2.7917	0.4459	21.19	1.3261
12:01:30	59.54	132.14	2.8250	0.4510	21.19	1.3262
12:02:30	59.54	132.17	2.8417	0.4536	21.16	1.3254
12:03:30	59.45	132.19	2.8583	0.4561	21.14	1.3252
12:04:00	59.45	132.20	2.8667	0.4574	21.13	1.3248
12:05:00	59.37	132.29	2.8833	0.4599	21.04	1.3231
12:06:00	59.37	132.34	2.9000	0.4624	20.99	1.3221
12:07:00	59.37	132.36	2.9167	0.4649	20.97	1.3217
12:08:00	59.37	132.41	2.9333	0.4674	20.92	1.3206
12:09:00	59.28	132.44	2.9500	0.4698	20.89	1.3200
12:09:30	59.28	132.45	2.9583	0.4710	20.88	1.3197
12:10:00	59.28	132.48	2.9667	0.4723	20.85	1.3191
12:12:00	59.28	132.50	3.0000	0.4771	20.83	1.3188
12:16:00	59.28	132.42	3.0667	0.4867	20.91	1.3204
12:16:30	59.20	132.41	3.0750	0.4878	20.92	1.3206
12:17:00	59.28	132.43	3.0833	0.4890	20.90	1.3201
12:17:30	59.28	132.43	3.0917	0.4902	20.90	1.3201
12:18:00	59.28	132.42	3.1000	0.4914	20.91	1.3204
12:19:00	59.20	132.42	3.1167	0.4937	20.91	1.3204
12:19:30	59.28	132.42	3.1250	0.4949	20.91	1.3204
12:21:30	59.28	132.51	3.1583	0.4995	20.82	1.3185
12:23:30	59.28	132.62	3.1917	0.5040	20.71	1.3161
12:25:30	59.28	132.72	3.2250	0.5085	20.61	1.3141
12:26:00	59.20	132.76	3.2333	0.5097	20.57	1.3133
12:27:00	59.28	132.79	3.2500	0.5119	20.54	1.3126
12:27:30	59.28	132.82	3.2583	0.5130	20.51	1.3120
12:28:30	59.28	132.85	3.2750	0.5152	20.48	1.3113
12:29:30	59.28	132.83	3.2917	0.5174	20.50	1.3117
12:30:30	59.37	132.83	3.3083	0.5196	20.50	1.3117
12:31:30	59.28	132.81	3.3250	0.5218	20.52	1.3123
12:32:00	59.28	132.79	3.3333	0.5229	20.54	1.3126
12:32:30	59.28	132.80	3.3417	0.5240	20.53	1.3124
12:33:00	59.28	132.79	3.3500	0.5250	20.54	1.3127
12:33:30	59.37	132.80	3.3583	0.5261	20.53	1.3124
12:34:30	59.28	132.78	3.3750	0.5283	20.55	1.3127
12:35:00	59.28	132.77	3.3833	0.5293	20.56	1.3131
12:36:00	59.37	132.78	3.4000	0.5315	20.55	1.3127
12:37:00	59.37	132.77	3.4167	0.5336	20.56	1.3129
12:39:00	59.37	132.83	3.4500	0.5378	20.50	1.3117
12:41:00	59.37	132.96	3.4833	0.5420	20.37	1.3090
12:42:00	59.28	133.03	3.5000	0.5441	20.30	1.3076
12:44:00	59.37	133.13	3.5333	0.5482	20.20	1.3054
12:45:00	59.45	133.17	3.5500	0.5502	20.16	1.3045
12:47:00	59.45	133.22	3.5833	0.5543	20.11	1.3034
12:48:00	59.37	133.26	3.6000	0.5563	20.07	1.3026
12:50:00	59.37	133.29	3.6333	0.5603	20.04	1.3020
12:51:00	59.45	133.32	3.6500	0.5623	20.01	1.3012
12:51:30	59.37	133.34	3.6583	0.5633	19.99	1.3009
12:52:30	59.45	133.34	3.6750	0.5653	19.99	1.3008
12:53:30	59.45	133.30	3.6917	0.5672	20.03	1.3017
12:54:00	59.45	133.27	3.7000	0.5682	20.06	1.3022
12:55:00	59.45	133.27	3.7167	0.5702	20.06	1.3024
12:56:00	59.45	133.23	3.7333	0.5721	20.10	1.3031
12:58:00	59.45	133.21	3.7667	0.5760	20.12	1.3035
12:59:00	59.54	133.22	3.7833	0.5779	20.11	1.3033

TIME 22-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
13:00:00	59.45	133.19	3.8000	0.5798	20.14	1.3041
13:02:00	59.54	133.25	3.8333	0.5836	20.08	1.3028
13:02:30	59.45	133.27	3.8417	0.5845	20.06	1.3024
13:03:00	59.45	133.27	3.8500	0.5855	20.06	1.3024
13:05:00	59.54	133.40	3.8833	0.5892	19.93	1.2996
13:05:30	59.54	133.41	3.8917	0.5901	19.92	1.2992
13:06:00	59.45	133.45	3.9000	0.5911	19.88	1.2985
13:07:00	59.45	133.49	3.9167	0.5929	19.84	1.2976
13:07:30	59.45	133.52	3.9250	0.5938	19.81	1.2968
13:08:30	59.54	133.56	3.9417	0.5957	19.77	1.2959
13:09:30	59.54	133.57	3.9583	0.5975	19.76	1.2958
13:11:30	59.54	133.53	3.9917	0.6012	19.80	1.2967
13:12:00	59.54	133.53	4.0000	0.6021	19.80	1.2967
13:13:00	59.62	133.50	4.0167	0.6039	19.83	1.2973
13:14:00	59.54	133.50	4.0333	0.6057	19.83	1.2973
13:15:00	59.62	133.48	4.0500	0.6075	19.85	1.2977
13:17:00	59.54	133.48	4.0833	0.6110	19.85	1.2978
13:18:00	59.62	133.46	4.1000	0.6128	19.87	1.2983
13:19:00	59.62	133.46	4.1167	0.6145	19.87	1.2982
13:20:00	59.62	133.49	4.1333	0.6163	19.84	1.2975
13:24:00	59.62	133.72	4.2000	0.6232	19.61	1.2925
13:25:00	59.62	133.76	4.2167	0.6250	19.57	1.2916
13:25:30	59.62	133.77	4.2250	0.6258	19.56	1.2914
13:26:00	59.62	133.80	4.2333	0.6267	19.53	1.2907
13:28:00	59.71	133.87	4.2667	0.6301	19.46	1.2892
13:29:00	59.71	133.87	4.2833	0.6318	19.46	1.2892
13:29:30	59.62	133.88	4.2917	0.6326	19.45	1.2888
13:30:00	59.71	133.88	4.3000	0.6335	19.45	1.2890
13:32:00	59.62	133.87	4.3333	0.6368	19.46	1.2892
13:36:00	59.79	133.79	4.4000	0.6435	19.54	1.2909
13:37:00	59.71	133.79	4.4167	0.6451	19.54	1.2910
13:39:00	59.71	133.84	4.4500	0.6484	19.49	1.2898
13:41:00	59.79	133.97	4.4833	0.6516	19.36	1.2870
13:41:30	59.79	133.99	4.4917	0.6524	19.34	1.2864
13:42:00	59.79	133.95	4.5000	0.6532	19.38	1.2874
13:43:00	59.71	133.98	4.5167	0.6548	19.35	1.2867
13:44:00	59.71	134.05	4.5333	0.6564	19.28	1.2852
13:45:00	59.79	134.09	4.5500	0.6580	19.24	1.2843
13:45:30	59.71	134.10	4.5583	0.6588	19.23	1.2839
13:46:00	59.79	134.10	4.5667	0.6596	19.23	1.2841
13:46:30	59.71	134.11	4.5750	0.6604	19.22	1.2838
13:47:30	59.79	134.09	4.5917	0.6620	19.24	1.2843
13:48:00	59.71	134.07	4.6000	0.6628	19.26	1.2846
13:48:30	59.71	134.09	4.6083	0.6635	19.24	1.2842
13:50:30	59.88	134.02	4.6417	0.6667	19.31	1.2858
13:51:00	59.79	134.02	4.6500	0.6675	19.31	1.2859
13:51:30	59.79	133.98	4.6583	0.6682	19.35	1.2866
13:53:30	59.79	134.00	4.6917	0.6713	19.33	1.2862
13:54:00	59.88	133.98	4.7000	0.6721	19.35	1.2867
13:54:30	59.88	133.98	4.7083	0.6729	19.35	1.2868
13:55:00	59.88	133.99	4.7167	0.6736	19.34	1.2864
13:56:00	59.79	133.99	4.7333	0.6752	19.34	1.2864
13:57:00	59.88	134.02	4.7500	0.6767	19.31	1.2858
13:57:30	59.79	134.02	4.7583	0.6775	19.31	1.2857
13:59:30	59.79	134.12	4.7917	0.6805	19.21	1.2836
14:00:30	59.88	134.17	4.8083	0.6820	19.16	1.2824
14:01:30	59.88	134.24	4.8250	0.6835	19.09	1.2809
14:02:00	59.88	134.26	4.8333	0.6842	19.07	1.2804
14:04:00	59.88	134.30	4.8667	0.6872	19.03	1.2793
14:05:00	59.88	134.33	4.8833	0.6887	19.00	1.2787
14:06:00	59.88	134.33	4.9000	0.6902	19.00	1.2787
14:06:30	59.88	134.35	4.9083	0.6909	18.98	1.2782

TIME 22-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
14:07:30	59.96	134.35	4.9250	0.6924	18.98	1.2782
14:08:00	59.88	134.34	4.9333	0.6931	18.99	1.2785
14:08:30	59.96	134.36	4.9417	0.6939	18.97	1.2782
14:09:00	59.96	134.34	4.9500	0.6946	18.99	1.2786
14:10:00	59.96	134.34	4.9667	0.6961	18.99	1.2784
14:11:00	59.96	134.34	4.9833	0.6975	18.99	1.2786
14:12:00	59.96	134.29	5.0000	0.6990	19.04	1.2796
14:12:30	59.96	134.26	5.0083	0.6997	19.07	1.2803
14:14:30	59.96	134.23	5.0417	0.7026	19.10	1.2811
14:16:30	59.96	134.30	5.0750	0.7054	19.03	1.2795
14:18:30	59.96	134.40	5.1083	0.7083	18.93	1.2772
14:19:30	59.96	134.42	5.1250	0.7097	18.91	1.2767
14:20:00	59.96	134.43	5.1333	0.7104	18.90	1.2765
14:20:30	60.05	134.47	5.1417	0.7111	18.86	1.2755
14:21:30	59.96	134.51	5.1583	0.7125	18.82	1.2746
14:22:30	60.05	134.51	5.1750	0.7139	18.82	1.2746
14:23:00	60.05	134.54	5.1833	0.7146	18.79	1.2740
14:24:00	60.05	134.51	5.2000	0.7160	18.82	1.2746
14:24:30	60.05	134.52	5.2083	0.7167	18.81	1.2744
14:26:30	59.96	134.44	5.2417	0.7195	18.89	1.2762
14:27:30	60.05	134.41	5.2583	0.7208	18.92	1.2769
14:28:30	59.96	134.40	5.2750	0.7222	18.93	1.2771
14:30:30	60.05	134.38	5.3083	0.7250	18.95	1.2777
14:31:00	60.05	134.36	5.3167	0.7256	18.97	1.2780
14:33:00	60.05	134.36	5.3500	0.7284	18.97	1.2781
14:34:00	60.05	134.39	5.3667	0.7297	18.94	1.2774
14:34:30	60.05	134.39	5.3750	0.7304	18.94	1.2773
14:35:00	60.05	134.44	5.3833	0.7311	18.89	1.2763
14:36:00	60.05	134.47	5.4000	0.7324	18.86	1.2756
14:36:30	60.05	134.51	5.4083	0.7331	18.82	1.2746
14:38:30	60.05	134.58	5.4417	0.7357	18.75	1.2730
14:39:30	60.05	134.64	5.4583	0.7371	18.69	1.2717
14:40:30	60.05	134.65	5.4750	0.7384	18.68	1.2713
14:41:00	60.13	134.68	5.4833	0.7390	18.65	1.2706
14:43:00	60.13	134.71	5.5167	0.7417	18.62	1.2700
14:45:00	60.13	134.69	5.5500	0.7443	18.64	1.2705
14:46:00	60.13	134.67	5.5667	0.7456	18.66	1.2708
14:47:00	60.13	134.63	5.5833	0.7469	18.70	1.2719
14:47:30	60.13	134.62	5.5917	0.7475	18.71	1.2722
14:48:00	60.13	134.58	5.6000	0.7482	18.75	1.2729
14:48:30	60.05	134.58	5.6083	0.7488	18.75	1.2729
14:49:00	60.13	134.57	5.6167	0.7495	18.76	1.2732
14:51:00	60.13	134.56	5.6500	0.7520	18.77	1.2734
14:51:30	60.13	134.56	5.6583	0.7527	18.77	1.2735
14:52:00	60.13	134.57	5.6667	0.7533	18.76	1.2731
14:53:00	60.13	134.64	5.6833	0.7546	18.69	1.2717
14:53:30	60.13	134.67	5.6917	0.7552	18.66	1.2710
14:54:30	60.13	134.70	5.7083	0.7565	18.63	1.2703
14:56:30	60.21	134.79	5.7417	0.7590	18.54	1.2680
14:57:30	60.21	134.83	5.7583	0.7603	18.50	1.2672
14:58:30	60.21	134.83	5.7750	0.7616	18.50	1.2671
14:59:30	60.13	134.87	5.7917	0.7628	18.46	1.2662
15:00:30	60.21	134.88	5.8083	0.7641	18.45	1.2660
15:01:30	60.21	134.86	5.8250	0.7653	18.47	1.2665
15:02:00	60.21	134.86	5.8333	0.7659	18.47	1.2665
15:02:30	60.13	134.83	5.8417	0.7665	18.50	1.2672
15:03:00	60.13	134.79	5.8500	0.7672	18.54	1.2681
15:04:00	60.21	134.79	5.8667	0.7684	18.54	1.2682
15:05:00	60.21	134.75	5.8833	0.7696	18.58	1.2690
15:07:00	60.21	134.74	5.9167	0.7721	18.59	1.2694
15:07:30	60.21	134.74	5.9250	0.7727	18.59	1.2693
15:08:30	60.21	134.70	5.9417	0.7739	18.63	1.2701



TIME 22-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
15:09:30	60.21	134.70	5.9583	0.7751	18.63	1.2702
15:13:30	60.30	134.83	6.0250	0.7800	18.50	1.2672
15:14:30	60.21	134.90	6.0417	0.7812	18.43	1.2655
15:15:00	60.30	134.93	6.0500	0.7818	18.40	1.2648
15:15:30	60.21	134.92	6.0583	0.7824	18.41	1.2650
15:17:30	60.30	135.00	6.0917	0.7847	18.33	1.2630
15:18:30	60.30	135.02	6.1083	0.7859	18.31	1.2627
15:19:00	60.30	135.04	6.1167	0.7865	18.29	1.2622
15:21:00	60.30	135.03	6.1500	0.7889	18.30	1.2624
15:22:00	60.30	135.03	6.1667	0.7901	18.30	1.2625
15:23:00	60.30	135.01	6.1833	0.7912	18.32	1.2629
15:25:00	60.30	134.93	6.2167	0.7936	18.40	1.2648
15:26:00	60.30	134.89	6.2333	0.7947	18.44	1.2659
15:27:00	60.30	134.88	6.2500	0.7959	18.45	1.2660
15:27:30	60.30	134.87	6.2583	0.7965	18.46	1.2662
15:28:00	60.30	134.89	6.2667	0.7970	18.44	1.2657
15:29:00	60.38	134.88	6.2833	0.7982	18.45	1.2660
15:30:00	60.30	134.91	6.3000	0.7993	18.42	1.2654
15:30:30	60.30	134.95	6.3083	0.7999	18.38	1.2644
15:31:30	60.38	135.00	6.3250	0.8011	18.33	1.2631
15:32:30	60.30	135.03	6.3417	0.8022	18.30	1.2625
15:33:30	60.38	135.09	6.3583	0.8033	18.24	1.2611
15:34:00	60.30	135.10	6.3667	0.8039	18.23	1.2608
15:35:00	60.30	135.10	6.3833	0.8050	18.23	1.2607
15:37:00	60.38	135.18	6.4167	0.8073	18.15	1.2590
15:38:00	60.30	135.16	6.4333	0.8084	18.17	1.2592
15:39:00	60.38	135.12	6.4500	0.8096	18.21	1.2603
15:41:00	60.38	135.06	6.4833	0.8118	18.27	1.2617
15:41:30	60.38	135.04	6.4917	0.8124	18.29	1.2622
15:42:30	60.38	135.05	6.5083	0.8135	18.28	1.2619
15:44:30	60.38	135.00	6.5417	0.8157	18.33	1.2631
15:45:00	60.38	135.02	6.5500	0.8162	18.31	1.2628
15:46:00	60.38	135.01	6.5667	0.8173	18.32	1.2630
15:46:30	60.38	135.00	6.5750	0.8179	18.33	1.2631
15:47:00	60.38	135.02	6.5833	0.8184	18.31	1.2627
15:48:00	60.38	135.03	6.6000	0.8195	18.30	1.2624
15:49:00	60.38	135.08	6.6167	0.8206	18.25	1.2612
15:50:00	60.38	135.16	6.6333	0.8217	18.17	1.2594
15:50:30	60.38	135.19	6.6417	0.8223	18.14	1.2586
15:51:00	60.30	135.18	6.6500	0.8228	18.15	1.2588
15:52:00	60.38	135.22	6.6667	0.8239	18.11	1.2579
15:52:30	60.38	135.24	6.6750	0.8245	18.09	1.2574
15:53:30	60.38	135.26	6.6917	0.8255	18.07	1.2569
15:54:00	60.47	135.29	6.7000	0.8261	18.04	1.2563
15:56:00	60.47	135.30	6.7333	0.8282	18.03	1.2559
15:57:00	60.38	135.30	6.7500	0.8293	18.03	1.2560
15:57:30	60.47	135.30	6.7583	0.8298	18.03	1.2560
15:58:00	60.38	135.32	6.7667	0.8304	18.01	1.2556
16:00:00	60.47	135.34	6.8000	0.8325	17.99	1.2549
16:01:00	60.38	135.37	6.8167	0.8336	17.96	1.2542
16:02:00	60.55	135.39	6.8333	0.8346	17.94	1.2538
16:04:00	60.47	135.35	6.8667	0.8367	17.98	1.2547
16:04:30	60.47	135.35	6.8750	0.8373	17.98	1.2547
16:05:30	60.47	135.31	6.8917	0.8383	18.02	1.2557
16:06:30	60.47	135.26	6.9083	0.8394	18.07	1.2570
16:07:30	60.47	135.22	6.9250	0.8404	18.11	1.2580
16:08:30	60.47	135.22	6.9417	0.8415	18.11	1.2580
16:10:30	60.47	135.17	6.9750	0.8435	18.16	1.2592
16:11:30	60.47	135.18	6.9917	0.8446	18.15	1.2589
16:12:30	60.55	135.24	7.0083	0.8456	18.09	1.2574
16:14:30	60.47	135.30	7.0417	0.8477	18.03	1.2559
16:15:00	60.55	135.32	7.0500	0.8482	18.01	1.2555

TIME 22-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
16:16:00	60.47	135.37	7.0667	0.8492	17.96	1.2544
16:18:00	60.55	135.44	7.1000	0.8513	17.89	1.2527
16:20:00	60.55	135.46	7.1333	0.8533	17.87	1.2522
16:20:30	60.55	135.46	7.1417	0.8538	17.87	1.2522
16:22:30	60.55	135.39	7.1750	0.8558	17.94	1.2539
16:23:30	60.55	135.35	7.1917	0.8568	17.98	1.2549
16:24:00	60.55	135.36	7.2000	0.8573	17.97	1.2546
16:24:30	60.55	135.35	7.2083	0.8578	17.98	1.2548
16:25:30	60.55	135.31	7.2250	0.8588	18.02	1.2557
16:27:30	60.55	135.28	7.2583	0.8608	18.05	1.2565
16:28:30	60.55	135.30	7.2750	0.8618	18.03	1.2561
16:29:30	60.55	135.30	7.2917	0.8628	18.03	1.2560
16:30:00	60.55	135.28	7.3000	0.8633	18.05	1.2565
16:30:30	60.55	135.30	7.3083	0.8638	18.03	1.2560
16:31:00	60.64	135.34	7.3167	0.8643	17.99	1.2550
16:32:00	60.55	135.37	7.3333	0.8653	17.96	1.2542
16:32:30	60.55	135.40	7.3417	0.8658	17.93	1.2535
16:33:30	60.64	135.43	7.3583	0.8668	17.90	1.2527
16:35:30	60.55	135.51	7.3917	0.8687	17.82	1.2509
16:36:30	60.55	135.55	7.4083	0.8697	17.78	1.2498
16:37:30	60.64	135.57	7.4250	0.8707	17.76	1.2493
16:38:30	60.55	135.55	7.4417	0.8717	17.78	1.2500
16:39:00	60.64	135.55	7.4500	0.8722	17.78	1.2500
16:40:00	60.55	135.57	7.4667	0.8731	17.76	1.2494
16:41:00	60.64	135.58	7.4833	0.8741	17.75	1.2491
16:41:30	60.64	135.59	7.4917	0.8746	17.74	1.2491
16:42:30	60.55	135.63	7.5083	0.8755	17.70	1.2481
16:43:30	60.64	135.61	7.5250	0.8765	17.72	1.2484
16:44:30	60.64	135.64	7.5417	0.8775	17.69	1.2477
16:45:00	60.64	135.64	7.5500	0.8779	17.69	1.2476
16:49:00	60.72	135.52	7.6167	0.8818	17.81	1.2507
16:49:30	60.64	135.52	7.6250	0.8822	17.81	1.2506
16:50:30	60.72	135.48	7.6417	0.8832	17.85	1.2516
16:51:30	60.64	135.46	7.6583	0.8841	17.87	1.2522
16:53:30	60.64	135.45	7.6917	0.8860	17.88	1.2523
16:54:30	60.64	135.46	7.7083	0.8870	17.87	1.2521
16:55:00	60.64	135.43	7.7167	0.8874	17.90	1.2528
16:55:30	60.64	135.43	7.7250	0.8879	17.90	1.2528
16:57:30	60.72	135.54	7.7583	0.8898	17.79	1.2501
16:58:30	60.64	135.59	7.7750	0.8907	17.74	1.2490
16:59:00	60.64	135.43	7.7833	0.8912	17.90	1.2528
16:59:30	60.72	134.87	7.7917	0.8916	18.46	1.2662
17:00:00	60.72	134.54	7.8000	0.8921	18.79	1.2740
17:00:30	60.64	134.40	7.8083	0.8926	18.93	1.2772
17:01:00	60.64	134.35	7.8167	0.8930	18.98	1.2783
17:02:00	60.64	134.34	7.8333	0.8939	18.99	1.2785
17:02:30	60.64	134.34	7.8417	0.8944	18.99	1.2785
17:03:00	60.55	134.35	7.8500	0.8949	18.98	1.2782
17:05:00	60.55	134.35	7.8833	0.8967	18.98	1.2782
17:06:00	60.55	134.36	7.9000	0.8976	18.97	1.2781
17:07:00	60.55	134.34	7.9167	0.8985	18.99	1.2785
17:09:00	60.55	134.34	7.9500	0.9004	18.99	1.2786
17:10:00	60.47	134.29	7.9667	0.9013	19.04	1.2797
17:11:00	60.47	134.27	7.9833	0.9022	19.06	1.2802
17:13:00	60.55	134.28	8.0167	0.9040	19.05	1.2799
17:14:00	60.47	134.30	8.0333	0.9049	19.03	1.2795
17:15:00	60.55	134.35	8.0500	0.9058	18.98	1.2784
17:15:30	60.47	134.37	8.0583	0.9062	18.96	1.2778
17:16:30	60.47	134.37	8.0750	0.9071	18.96	1.2778
17:17:30	60.55	134.43	8.0917	0.9080	18.98	1.2766
17:18:00	60.47	134.45	8.1000	0.9085	18.88	1.2760
17:20:00	60.47	134.46	8.1333	0.9103	18.87	1.2758

TIME 22-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
17:21:00	60.47	134.47	8.1500	0.9112	18.86	1.2755
17:21:30	60.47	134.50	8.1583	0.9116	18.83	1.2750
17:22:00	60.55	134.47	8.1667	0.9120	18.86	1.2756
17:23:00	60.47	134.48	8.1833	0.9129	18.85	1.2753
17:25:00	60.47	134.43	8.2167	0.9147	18.90	1.2765
17:25:30	60.47	133.58	8.2250	0.9151	19.75	1.2956
17:26:00	60.47	129.87	8.2333	0.9156	23.46	1.3704
17:26:30	60.47	128.50	8.2417	0.9160	24.83	1.3950
17:27:00	60.47	128.12	8.2500	0.9165	25.21	1.4016
17:27:30	60.38	128.04	8.2583	0.9169	25.29	1.4030
17:28:00	60.30	128.03	8.2667	0.9173	25.30	1.4031
17:29:00	60.21	128.08	8.2833	0.9182	25.25	1.4022
17:29:30	60.13	128.15	8.2917	0.9186	25.18	1.4010
17:30:00	60.13	128.17	8.3000	0.9191	25.16	1.4008
17:30:30	60.05	128.15	8.3083	0.9195	25.18	1.4011
17:31:00	59.96	128.17	8.3167	0.9199	25.16	1.4008
17:33:00	59.88	128.20	8.3500	0.9217	25.13	1.4003
17:34:00	59.79	128.21	8.3667	0.9226	25.12	1.4001
17:35:00	59.62	128.19	8.3833	0.9234	25.14	1.4004
17:36:00	59.62	128.22	8.4000	0.9243	25.11	1.3999
17:37:00	59.62	128.22	8.4167	0.9251	25.11	1.3999
17:38:00	59.45	128.23	8.4333	0.9260	25.10	1.3997
17:39:00	59.54	128.23	8.4500	0.9269	25.10	1.3997
17:39:30	59.54	128.24	8.4583	0.9273	25.09	1.3996
17:40:30	59.45	128.22	8.4750	0.9281	25.11	1.3999
17:41:00	59.45	128.24	8.4833	0.9286	25.09	1.3996
17:43:00	59.45	128.24	8.5167	0.9303	25.09	1.3995
17:44:00	59.37	128.25	8.5333	0.9311	25.08	1.3993
17:44:30	59.37	128.26	8.5417	0.9315	25.07	1.3991
17:46:30	59.37	128.25	8.5750	0.9332	25.08	1.3993
17:47:30	59.37	128.27	8.5917	0.9341	25.06	1.3989
17:48:30	59.28	128.27	8.6083	0.9349	25.06	1.3990
17:49:30	59.28	128.29	8.6250	0.9358	25.04	1.3986
17:50:30	59.28	128.28	8.6417	0.9366	25.05	1.3987
17:51:30	59.28	128.31	8.6583	0.9374	25.02	1.3983
17:52:30	59.28	128.29	8.6750	0.9383	25.04	1.3987
17:53:00	59.28	128.28	8.6833	0.9387	25.05	1.3989
17:55:00	59.28	128.31	8.7167	0.9404	25.02	1.3983
17:55:30	59.28	128.32	8.7250	0.9408	25.01	1.3981
17:56:30	59.28	128.31	8.7417	0.9416	25.02	1.3983
17:57:00	59.28	128.57	8.7500	0.9420	24.76	1.3937
17:57:30	59.28	128.68	8.7583	0.9424	24.65	1.3917
17:58:00	59.28	128.72	8.7667	0.9428	24.61	1.3910
17:59:00	59.28	128.75	8.7833	0.9437	24.58	1.3906
18:01:00	59.28	128.74	8.8167	0.9453	24.59	1.3907
18:03:00	59.37	128.77	8.8500	0.9469	24.56	1.3902
18:03:30	59.37	128.78	8.8583	0.9474	24.55	1.3900
18:04:30	59.28	128.78	8.8750	0.9482	24.55	1.3901
18:05:00	59.28	128.79	8.8833	0.9486	24.54	1.3899
18:06:00	59.28	128.78	8.9000	0.9494	24.55	1.3901
18:08:00	59.37	128.80	8.9333	0.9510	24.53	1.3897
18:09:00	59.37	128.80	8.9500	0.9518	24.53	1.3896
18:09:30	59.37	128.80	8.9583	0.9522	24.53	1.3898
18:10:00	59.37	128.81	8.9667	0.9526	24.52	1.3896
18:10:30	59.37	128.79	8.9750	0.9530	24.54	1.3898
18:11:00	59.37	128.76	8.9833	0.9534	24.57	1.3904
18:11:30	59.28	128.74	8.9917	0.9538	24.59	1.3907
18:12:30	59.37	128.78	9.0083	0.9546	24.55	1.3901
18:13:00	59.37	128.75	9.0167	0.9550	24.58	1.3905
18:14:00	59.28	128.46	9.0333	0.9558	24.87	1.3956
18:15:00	59.37	128.33	9.0500	0.9566	25.00	1.3979
18:16:00	59.37	128.26	9.0667	0.9574	25.07	1.3991

TIME 22-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)
18:16:30	59.37	128.20	9.0750	0.9578	25.13	1.4001
18:17:30	59.37	128.21	9.0917	0.9586	25.12	1.4001
18:18:00	59.37	128.23	9.1000	0.9590	25.10	1.3997
18:19:00	59.28	128.23	9.1167	0.9598	25.10	1.3997
18:19:30	59.37	128.24	9.1250	0.9602	25.09	1.3995
18:20:30	59.28	128.23	9.1417	0.9610	25.10	1.3996
18:21:30	59.28	128.25	9.1583	0.9618	25.08	1.3994
18:23:30	59.28	128.24	9.1917	0.9634	25.09	1.3995
18:24:30	59.28	128.25	9.2083	0.9642	25.08	1.3993
18:25:30	59.20	128.24	9.2250	0.9650	25.09	1.3995
18:26:30	59.28	128.26	9.2417	0.9658	25.07	1.3992
18:27:00	59.28	128.25	9.2500	0.9661	25.08	1.3994
18:28:00	59.28	128.26	9.2667	0.9669	25.07	1.3992
18:28:30	59.28	128.26	9.2750	0.9673	25.07	1.3992
18:29:00	59.28	128.18	9.2833	0.9677	25.15	1.4006
18:29:30	59.28	128.00	9.2917	0.9681	25.33	1.4037

3rd BUILD UP. POST ACID JOB.

[251] T0=22-SEP-83 18:29:49

P0=128. FT=007:00:00

TIME 22-SEP-83	SDT degC	SDP BAR	t-t0 HR	L(t-t0)	P-P0 BAR	L(P-P0)	L(Horn)
18:30:00	59.28	131.77	0.0031	-2.5149	3.77	0.5759	3.3602
18:30:30	59.37	152.41	0.0114	-1.9435	24.41	1.3876	2.7893
18:31:00	59.54	156.89	0.0197	-1.7050	28.89	1.4608	2.5514
18:32:00	59.79	157.03	0.0364	-1.4390	29.03	1.4628	2.2864
18:33:00	59.96	157.09	0.0531	-1.2753	29.09	1.4638	2.1236
18:34:00	60.21	157.14	0.0697	-1.1566	29.14	1.4645	2.0060
18:36:00	60.55	157.18	0.1031	-0.9869	29.18	1.4650	1.8384
18:37:00	60.72	157.20	0.1197	-0.9218	29.20	1.4654	1.7743
18:45:00	60.89	157.15	0.2531	-0.5968	29.15	1.4647	1.4573
18:53:00	60.64	157.14	0.3864	-0.4130	29.14	1.4646	1.2814
19:09:00	59.88	157.16	0.6531	-0.1850	29.16	1.4648	1.0689
19:17:00	59.71	157.17	0.7864	-0.1044	29.17	1.4650	0.9957
19:21:00	59.62	157.18	0.8531	-0.0690	29.18	1.4651	0.9641
19:23:00	59.54	157.18	0.8864	-0.0524	29.18	1.4651	0.9493
19:24:00	59.54	157.17	0.9031	-0.0443	29.17	1.4650	0.9421
19:26:00	59.54	157.19	0.9364	-0.0285	29.19	1.4652	0.9282
19:30:00	59.45	157.18	1.0031	0.0013	29.18	1.4651	0.9019
19:34:00	59.45	157.20	1.0697	0.0293	29.20	1.4654	0.8776
19:50:00	59.11	157.20	1.3364	0.1259	29.20	1.4654	0.7950
19:58:00	59.11	157.23	1.4697	0.1672	29.23	1.4658	0.7606
20:14:00	58.86	157.23	1.7364	0.2396	29.23	1.4659	0.7017
20:18:00	58.86	157.22	1.8031	0.2560	29.22	1.4657	0.6886
20:34:00	58.78	157.23	2.0697	0.3159	29.23	1.4659	0.6417
20:50:00	58.61	157.22	2.3364	0.3685	29.22	1.4657	0.6016
20:58:00	58.52	157.23	2.4697	0.3926	29.23	1.4659	0.5837
21:30:00	58.35	157.23	3.0031	0.4776	29.23	1.4658	0.5226
22:02:00	58.18	157.25	3.5364	0.5486	29.25	1.4662	0.4741
22:10:00	58.10	157.24	3.6697	0.5646	29.24	1.4659	0.4635
22:18:00	58.10	157.25	3.8031	0.5801	29.25	1.4662	0.4534
22:22:00	58.01	157.24	3.8697	0.5877	29.24	1.4660	0.4485
22:26:00	58.10	157.25	3.9364	0.5951	29.25	1.4662	0.4438
22:30:00	58.01	157.23	4.0031	0.6024	29.23	1.4659	0.4391
22:31:00	57.93	157.22	4.0197	0.6042	29.22	1.4657	0.4380
22:31:30	58.01	157.24	4.0281	0.6051	29.24	1.4660	0.4374
22:32:00	58.10	157.24	4.0364	0.6060	29.24	1.4659	0.4368
22:48:00	57.93	157.25	4.3031	0.6338	29.25	1.4661	0.4194
22:56:00	57.93	157.26	4.4364	0.6470	29.26	1.4663	0.4113
23:04:00	57.93	157.25	4.5697	0.6599	29.25	1.4661	0.4034
23:20:00	57.84	157.25	4.8364	0.6845	29.25	1.4661	0.3887
23:24:00	57.84	157.24	4.9031	0.6905	29.24	1.4660	0.3852
23:40:00	57.76	157.25	5.1697	0.7135	29.25	1.4662	0.3718
23:44:00	57.76	157.25	5.2364	0.7190	29.25	1.4661	0.3686
23:46:00	57.76	157.26	5.2697	0.7218	29.26	1.4662	0.3670
23:47:00	57.67	157.24	5.2864	0.7232	29.24	1.4660	0.3663
00:19:00	57.67	157.26	5.8197	0.7649	29.26	1.4662	0.3430
00:23:00	57.59	157.24	5.8864	0.7698	29.24	1.4660	0.3403
00:25:00	57.59	157.25	5.9197	0.7723	29.25	1.4662	0.3390
00:41:00	57.59	157.24	6.1864	0.7914	29.24	1.4660	0.3287
00:49:00	57.59	157.25	6.3197	0.8007	29.25	1.4661	0.3238
00:50:00	57.59	157.25	6.3364	0.8018	29.25	1.4662	0.3232

OPEN PCT. BULLHEAD FORMATION.

[150] START TIME:23-SEP-83 00:50:00

23-SEP-83	SDT degC	SDP BAR
00:50:00	57.59	157.25
00:50:30	57.59	157.74
00:51:00	57.59	157.62
00:51:30	57.59	157.09
00:52:00	57.50	156.67
00:52:30	57.50	156.61
00:53:00	57.33	157.13
00:53:30	57.33	157.21
00:54:00	57.25	158.37
00:54:30	57.08	159.84
00:55:00	57.08	160.97
00:55:30	56.91	162.29
00:56:00	56.82	163.70
00:56:30	56.65	165.12
00:57:00	56.49	166.57
00:57:30	56.40	167.42
00:58:00	56.23	166.02
00:58:30	56.15	164.87
00:59:00	56.06	164.25
00:59:30	55.89	166.60
01:00:00	55.64	169.87
01:00:30	55.64	173.45
01:01:00	55.47	175.12
01:01:30	55.30	176.16
01:02:00	55.30	177.05
01:02:30	55.13	178.15
01:03:00	55.04	179.63
01:03:30	54.87	180.97
01:04:00	54.78	182.02
01:04:30	54.70	183.22
01:05:00	54.53	184.91
01:05:30	54.44	186.87
01:06:00	54.36	170.96
01:06:30	54.19	169.39
01:07:00	54.10	168.64
01:07:30	54.02	167.93
01:08:30	53.76	166.71
01:09:00	53.68	166.16
01:09:30	53.68	165.64
01:10:00	53.59	165.16
01:11:00	53.42	164.26
01:11:30	53.34	163.83
01:12:00	53.25	163.43
01:13:00	53.17	162.71
01:14:00	53.08	162.04
01:15:00	53.00	161.45
01:16:00	53.00	160.90
01:16:30	52.91	160.69
01:17:00	52.91	160.46
01:17:30	52.91	160.32
01:18:00	52.83	160.19
01:18:30	52.91	160.04
01:19:00	52.83	159.49
01:19:30	52.91	156.39
01:20:00	52.83	158.17

## S.S.R.R.V. OPENED. REVERSE CIRCULATE.

[157] START TIME:23-SEP-83 01:19:55

23-SEP-83	SDT degC	SDP BAR
01:20:00	52.83	158.17
01:25:00	52.91	160.59
01:30:00	53.08	153.86
01:35:00	53.17	153.77
01:40:00	53.34	153.66
01:45:00	53.49	153.71
01:50:00	53.66	153.74
01:55:00	53.72	153.75
02:00:00	53.86	153.77
02:05:00	54.02	153.77
02:10:00	54.13	153.79
02:15:00	54.21	153.80
02:20:00	54.26	153.81
02:25:00	54.32	153.81
02:30:00	54.37	153.81
02:35:00	54.42	153.82
02:40:00	54.48	153.82
02:45:00	54.53	153.82
02:50:00	54.58	153.83
02:55:00	54.64	153.83
03:00:00	54.69	153.83
03:05:00	54.74	153.84
03:10:00	54.80	153.84
03:15:00	54.85	153.84
03:20:00	54.90	153.85
03:25:00	54.96	153.85
03:30:00	55.01	153.86
03:35:00	55.08	153.87
03:40:00	55.14	153.88
03:45:00	55.17	153.87
03:50:00	55.19	153.87
03:55:00	55.23	153.87
04:00:00	55.28	153.87
04:05:00	55.23	153.87
04:10:00	55.28	153.87
04:15:00	55.30	153.87
04:20:00	55.30	153.88
04:25:00	55.30	153.87
04:30:00	55.35	153.88
04:35:00	55.30	149.24
04:40:00	55.47	153.66
04:45:00	55.47	153.58
04:50:00	55.47	153.51
04:55:00	55.47	153.58
05:00:00	55.47	153.60
05:05:00	55.47	153.55
05:10:00	55.47	153.21
05:15:00	55.47	169.54
05:20:00	54.36	169.03
05:25:00	53.17	168.81
05:30:00	52.14	168.74
05:35:00	51.55	168.66
05:40:00	51.12	168.62
05:45:00	50.69	168.55
05:50:00	50.39	168.46
05:55:00	50.09	168.40
06:00:00	49.97	168.31
06:05:00	49.79	168.21
06:10:00	49.62	168.10
06:15:00	49.58	168.01

	SDT	SDP
23-SEP-83	degC	BAR
06:20:00	49.41	167.91
06:25:00	49.41	169.18

BULLHEAD GAS BELOW TEST TOOLS.

[160] START TIME:23-SEP-83 06:30:00

	SDT	SDP
23-SEP-83	degC	BAR
06:35:00	49.32	206.89
06:40:00	49.07	168.29
06:45:00	48.90	176.80
06:50:00	48.90	176.81
06:55:00	48.85	176.67
07:00:00	47.53	176.89
07:05:00	44.41	177.20
07:10:00	42.02	177.22
07:15:00	40.12	176.94
07:20:00	38.74	177.46
07:25:00	37.70	177.20
07:30:00	36.84	177.29
07:35:00	36.14	177.29
07:40:00	35.58	177.49
07:45:00	35.01	178.05
07:50:00	34.58	177.82
07:55:00	34.01	178.01
08:00:00	33.71	177.68
08:05:00	33.45	169.25
08:10:00	33.62	169.33
08:15:00	33.54	169.37
08:20:00	33.27	169.27
08:25:00	33.01	168.81
08:30:00	32.67	169.16
08:35:00	32.32	169.53
08:40:00	32.08	169.57
08:45:00	31.75	169.59
08:50:00	31.45	169.62
08:55:00	31.18	169.61
09:00:00	30.86	169.63
09:05:00	30.57	169.64
09:10:00	30.28	169.59
09:15:00	29.96	169.61
09:20:00	29.79	169.75
09:25:00	29.53	169.84
09:30:00	29.31	169.95
09:35:00	29.09	170.01
09:40:00	29.00	170.02
09:45:00	28.74	170.05
09:50:00	28.52	170.08
09:55:00	28.39	170.08
10:00:00	28.22	170.12
10:05:00	28.04	169.88
10:10:00	28.04	170.01
10:15:00	28.04	170.10
10:20:00	28.04	170.09
10:25:00	27.08	169.75



PULL TESTSTRING OUT OF HOLE.

[164] START TIME:23-SEP-83 10:30:00

23-SEP-83	SDT degC	SDP BAR
10:35:00	28.00	170.13
10:40:00	28.13	168.44
10:45:00	27.12	167.00
10:50:00	26.03	165.93
10:55:00	25.24	164.00
11:00:00	24.84	162.78
11:05:00	24.80	160.81
11:10:00	24.93	159.56
11:15:00	25.24	157.64
11:20:00	25.76	156.97
11:25:00	26.29	155.00
11:30:00	26.99	153.72
11:35:00	27.95	151.75
11:40:00	28.83	150.40
11:45:00	29.61	148.41
11:50:00	30.33	147.98
11:55:00	30.92	147.89
12:00:00	31.45	147.92
12:05:00	31.88	147.95
12:10:00	32.23	146.45
12:15:00	32.58	144.60
12:20:00	32.58	141.31
12:25:00	32.67	138.29
12:30:00	32.67	134.92
12:35:00	32.67	132.17
12:40:00	32.58	131.38
12:45:00	32.45	131.40
12:50:00	32.40	131.42
12:55:00	32.49	131.25
13:00:00	32.53	130.95
13:05:00	32.58	130.95
13:10:00	32.58	130.96
13:15:00	32.71	130.45
13:20:00	32.75	129.37
13:25:00	32.75	126.22
13:30:00	32.67	119.83
13:35:00	32.23	113.45
13:40:00	31.62	108.58
13:45:00	30.84	100.88
13:50:00	29.96	94.54
13:55:00	28.91	88.10
14:00:00	27.69	78.72
14:05:00	26.20	72.39
14:10:00	24.71	66.19
14:15:00	23.31	60.21
14:20:00	21.81	54.13
14:25:00	20.14	47.22
14:30:00	17.58	40.95
14:35:00	13.95	34.81
14:40:00	11.02	28.60
14:45:00	9.06	19.17
14:50:00	8.26	12.20
14:55:00	8.27	6.34
15:00:00	8.66	6.29
15:05:00	9.10	4.91
15:10:00	9.50	4.90
15:15:00	9.80	4.88
15:20:00	9.97	4.87
15:25:00	10.10	4.86
15:30:00	10.22	4.79

23-SEP-83	SDT degC	SDP BAR
15:35:00	10.22	4.56
15:40:00	10.30	4.51
15:45:00	10.30	4.38
15:50:00	10.30	3.74
15:55:00	10.30	3.56
16:00:00	10.46	2.68
16:05:00	10.79	2.65
16:10:00	11.13	2.63
16:15:00	11.37	2.61
16:20:00	11.57	2.60
16:25:00	11.65	2.59
16:30:00	11.73	2.59
16:35:00	11.82	2.59
16:40:00	11.99	2.14
16:45:00	12.26	1.64

## DST No. 1. COMPRESSED LISTING OF DATA

GAUGE : SDP No. 83051 . DEPTH : 1486.54 m RKB.

[255] START TIME:21-SEP-83 05:40:00

21-SEP-83	SDT degC	SDP BAR
05:45:00	51.03	154.04
06:00:00	51.51	153.98
06:15:00	51.62	153.98
06:30:00	51.70	153.97
06:45:00	51.80	153.98
07:00:00	51.86	153.98
07:15:00	51.91	153.98
07:30:00	51.97	153.98
07:45:00	52.06	153.98
08:00:00	52.06	153.99
08:15:00	52.14	153.99
08:30:00	52.14	153.99
08:45:00	52.14	153.99
09:00:00	52.19	153.99
09:15:00	52.27	153.99
09:30:00	52.36	153.99
09:45:00	52.40	153.99
10:00:00	52.42	153.99
10:15:00	52.57	144.57
10:30:00	48.55	110.84
10:45:00	45.47	104.51
11:00:00	47.48	132.79
11:15:00	49.71	131.77
11:30:00	50.35	130.69
11:45:00	50.95	131.05
12:00:00	50.18	121.82
12:15:00	50.18	122.22
12:30:00	49.50	115.68
12:45:00	49.92	115.57
13:00:00	49.15	109.08
13:15:00	49.24	109.30
13:30:00	49.22	106.97
13:45:00	49.45	107.24
14:00:00	49.62	106.55
14:15:00	49.92	106.65
14:30:00	50.01	106.06
14:45:00	50.26	106.08
15:00:00	50.44	106.08
15:15:00	50.95	107.82
15:30:00	50.22	99.45
15:45:00	49.67	100.12
16:00:00	49.11	97.26
16:15:00	49.05	97.10
16:30:00	49.07	97.07
16:45:00	49.15	97.15
17:00:00	49.31	97.18
17:15:00	49.33	97.29
17:30:00	49.41	97.33
17:45:00	49.54	97.45
18:00:00	49.71	97.51
18:15:00	49.75	97.60
18:30:00	49.92	97.74
18:45:00	50.01	97.85
19:00:00	50.09	97.99
19:15:00	50.18	98.13
19:30:00	50.35	98.19
19:45:00	50.35	98.31
20:00:00	50.44	98.44
20:15:00	50.52	98.51

21-SEP-83	SDT degC	SDP BAR
20:30:00	50.67	98.63
20:45:00	50.69	98.72
21:00:00	50.76	98.84
21:15:00	50.81	98.96
21:30:00	50.87	99.04
21:45:00	50.95	99.15
22:00:00	51.03	99.24
22:15:00	51.12	99.35
22:30:00	51.16	99.42
22:45:00	51.27	99.51
23:00:00	51.23	99.58
23:15:00	51.29	99.68
23:30:00	51.37	99.75
23:45:00	51.46	99.86
00:00:00	51.46	99.93
00:15:00	51.55	100.01
00:30:00	51.59	100.09
00:45:00	51.63	100.21
01:00:00	51.72	100.29
01:15:00	51.72	100.34
01:30:00	55.05	157.20
01:45:00	55.21	157.13
02:00:00	54.81	157.14
02:15:00	54.41	157.15
02:30:00	54.27	157.16
02:45:00	54.13	157.16
03:00:00	54.19	157.18
03:15:00	54.19	157.18
03:30:00	54.19	157.18
03:45:00	54.19	157.19
04:00:00	54.25	157.21
04:15:00	54.27	157.20
04:30:00	54.27	157.21
04:45:00	54.27	157.21
05:00:00	54.27	157.21
05:15:00	54.27	157.21
05:30:00	54.31	157.21
05:45:00	54.35	157.21
06:00:00	54.39	157.21
06:15:00	54.40	157.21
06:30:00	54.44	157.21
06:45:00	54.48	157.22
07:00:00	54.52	157.23
07:15:00	54.53	157.22
07:30:00	54.53	157.22
07:45:00	54.53	157.23
08:00:00	49.41	154.30
08:15:00	48.44	153.81
08:30:00	49.40	153.87
08:45:00	50.18	153.89
09:00:00	50.77	153.92
09:15:00	51.55	144.75
09:30:00	56.91	125.58
09:45:00	58.78	138.73
10:00:00	59.88	141.15
10:15:00	60.21	140.74
10:30:00	60.38	140.69
10:45:00	60.55	141.28
11:00:00	60.79	141.83
11:15:00	60.89	142.23
11:30:00	60.98	142.33
11:45:00	61.14	142.50

22-SEP-83	SDT degC	SDP BAR
12:00:00	59.60	132.14
12:15:00	59.28	132.44
12:30:00	59.33	132.83
12:45:00	59.45	133.17
13:00:00	59.45	133.19
13:15:00	59.62	133.48
13:30:00	59.71	133.88
13:45:00	59.79	134.09
14:00:00	59.83	134.14
14:15:00	59.96	134.25
14:30:00	60.02	134.38
14:45:00	60.13	134.69
15:00:00	60.17	134.87
15:15:00	60.30	134.93
15:30:00	60.30	134.91
15:45:00	60.38	135.02
16:00:00	60.47	135.34
16:15:00	60.55	135.32
16:30:00	60.55	135.28
16:45:00	60.64	135.64
17:00:00	60.72	134.54
17:15:00	60.55	134.35
17:30:00	60.13	128.17
17:45:00	59.37	128.26
18:00:00	59.28	128.75
18:15:00	59.37	128.33
18:30:00	59.28	131.77
18:45:00	60.89	157.15
19:00:00	60.30	157.15
19:15:00	59.75	157.17
19:30:00	59.45	157.18
19:45:00	59.22	157.20
20:00:00	59.08	157.23
20:15:00	58.86	157.23
20:30:00	58.80	157.23
20:45:00	58.66	157.23
21:00:00	58.51	157.23
21:15:00	58.43	157.23
21:30:00	58.35	157.23
21:45:00	58.27	157.24
22:00:00	58.19	157.25
22:15:00	58.10	157.25
22:30:00	58.01	157.23
22:45:00	57.96	157.25
23:00:00	57.93	157.25
23:15:00	57.87	157.25
23:30:00	57.81	157.25
23:45:00	57.76	157.25
00:00:00	57.67	157.25
00:15:00	57.67	157.25
00:30:00	57.59	157.25
00:45:00	57.59	157.25

# TECHNICAL DATA

## GAUGE

Type	:	SDP
Transducer module	:	83051
Recorder module	:	83055

## OPERATION SET UP

Delay time	:	3 hrs
Scanning rate	:	30 sec
Averaging	:	16 samples
Relative values	:	used
Compression algorithm	:	used
Compression level	:	8

## CALIBRATION DATA

### Before job:

Ambiant pressure	:	19	PSIA
Ambiant Temperature	:	21	°C

### After job:

Ambiant pressure	:	19	PSIA
Ambiant temperature	:	21	°C

Date last calibration	:	15-AUG-83
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## D.S.T. No. 1 POST GRAVEL PACK

GAUGE : SDP No. 83051 . DEPTH : 1486.54 m RKB

[126] START TIME: 21-SEP-83 05:31:00

21-SEP-83	SDT degC	SDP kPa
05:33:00	48.90	15422.23
05:37:00	49.92	15415.04
05:45:00	51.03	15403.83
05:45:30	51.12	15402.44
06:01:30	51.55	15397.75
06:03:30	51.72	15397.41
06:41:30	51.80	15398.35
06:45:30	51.80	15397.88
06:47:30	51.80	15397.79
06:48:00	51.80	15398.07
06:49:00	51.80	15395.85
06:50:00	51.80	15397.97
07:06:00	51.89	15398.09
07:14:00	51.89	15397.99
07:18:00	51.97	15398.85
07:19:00	51.97	15398.66
07:19:30	51.89	15397.53
07:20:30	51.97	15399.13
07:36:30	51.97	15398.02
07:38:30	52.06	15397.95
07:39:30	52.06	15398.87
07:40:30	51.97	15396.26
07:41:00	52.06	15398.41
07:57:00	52.06	15398.78
08:05:00	52.06	15398.78
08:09:00	52.14	15399.37
08:11:00	52.14	15399.18
08:11:30	52.06	15398.60
08:12:00	52.14	15395.77
08:12:30	52.14	15398.81
08:16:30	52.14	15399.46
08:18:30	52.14	15399.27
08:19:00	52.14	15394.93
08:19:30	52.14	15398.53
08:51:30	52.14	15399.18
09:23:30	52.31	15398.59
09:27:30	52.31	15398.78
09:29:30	52.31	15398.87
09:30:30	52.40	15399.19
09:31:00	52.40	15399.28
09:32:00	52.31	15404.78
09:34:00	52.31	15397.40
09:42:00	52.40	15399.65
09:50:00	52.40	15399.19
09:54:00	52.40	15399.37
09:56:00	52.48	15399.69
09:56:30	52.40	15394.48
09:57:00	52.40	15397.34
09:58:00	52.40	15399.56
10:06:00	52.48	15397.75
10:08:00	52.48	15398.58
10:08:30	52.48	15398.58
10:09:00	52.48	15237.86
10:09:30	52.48	15376.99
10:10:00	52.48	15396.36
10:10:30	52.48	15403.47
10:11:00	52.48	15385.76
10:11:30	52.48	15412.97

## 2nd DRAW DOWN. POST GRAVEL PACK

[130] T0=21-SEP-83 10:11:30

P0=15413.

TIME 21-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
10:13:00	52.48	14829.23	0.0250	-1.6021	583.77	2.7662
10:13:30	52.57	14710.21	0.0333	-1.4771	702.79	2.8468
10:14:00	52.57	14662.99	0.0417	-1.3802	750.01	2.8751
10:14:30	52.57	14531.21	0.0500	-1.3010	881.79	2.9454
10:15:00	52.57	14457.26	0.0583	-1.2341	955.74	2.9803
10:15:30	52.57	14268.88	0.0667	-1.1761	1144.12	3.0585
10:16:00	52.48	14168.25	0.0750	-1.1249	1244.75	3.0951
10:16:30	52.48	14104.72	0.0833	-1.0792	1308.28	3.1167
10:17:00	52.40	14054.17	0.0917	-1.0378	1358.83	3.1332
10:17:30	52.31	13978.26	0.1000	-1.0000	1434.74	3.1568
10:18:00	52.14	13798.43	0.1167	-0.9331	1614.57	3.2081
10:19:00	52.06	13709.36	0.1250	-0.9031	1703.64	3.2314
10:19:30	51.89	13604.24	0.1333	-0.8751	1808.76	3.2574
10:20:00	51.72	13503.28	0.1417	-0.8487	1909.72	3.2810
10:21:00	51.46	13299.57	0.1583	-0.8004	2113.43	3.3250
10:21:30	51.29	13205.85	0.1667	-0.7782	2207.15	3.3438
10:22:00	51.20	13224.20	0.1750	-0.7570	2188.80	3.3402
10:22:30	51.03	13291.23	0.1833	-0.7368	2121.77	3.3267
10:23:00	50.86	13248.13	0.1917	-0.7175	2164.88	3.3354
10:23:30	50.78	12868.18	0.2000	-0.6990	2544.82	3.4057
10:24:00	50.52	12474.36	0.2083	-0.6812	2938.64	3.4681
10:24:30	50.44	12192.01	0.2167	-0.6642	3220.99	3.5080
10:25:00	50.26	11990.99	0.2250	-0.6478	3422.01	3.5343
10:25:30	50.01	11836.38	0.2333	-0.6320	3576.62	3.5535
10:26:00	49.84	11707.54	0.2417	-0.6168	3705.46	3.5688
10:27:00	49.50	11488.88	0.2583	-0.5878	3924.12	3.5937
10:27:30	49.32	11382.39	0.2667	-0.5740	4030.61	3.6054
10:28:00	49.15	11308.15	0.2750	-0.5607	4104.85	3.6133
10:28:30	48.98	11277.11	0.2833	-0.5477	4135.89	3.6166
10:29:30	48.64	11109.26	0.3000	-0.5229	4303.74	3.6338
10:30:00	48.55	11083.59	0.3083	-0.5110	4329.41	3.6364
10:30:30	48.30	11064.78	0.3167	-0.4994	4348.22	3.6383
10:31:00	48.13	11032.33	0.3250	-0.4881	4380.67	3.6415
10:31:30	48.04	10988.36	0.3333	-0.4771	4424.64	3.6459
10:32:00	47.78	10934.89	0.3417	-0.4664	4478.11	3.6511
10:32:30	47.70	10877.76	0.3500	-0.4559	4535.24	3.6566
10:33:00	47.61	10838.22	0.3583	-0.4457	4574.78	3.6604
10:34:00	47.27	10766.37	0.3750	-0.4260	4646.63	3.6671
10:35:00	46.93	10706.08	0.3917	-0.4071	4706.92	3.6727
10:35:30	46.93	10678.83	0.4000	-0.3979	4734.17	3.6752
10:36:00	46.75	10656.90	0.4083	-0.3890	4756.10	3.6773
10:37:00	46.58	10633.97	0.4250	-0.3716	4779.03	3.6793
10:37:30	46.50	10614.18	0.4333	-0.3632	4798.82	3.6811
10:38:00	46.32	10600.11	0.4417	-0.3549	4812.89	3.6824
10:39:00	46.15	10584.67	0.4583	-0.3388	4828.33	3.6838
10:39:30	46.15	10575.46	0.4667	-0.3310	4837.54	3.6846
10:40:00	46.07	10564.71	0.4750	-0.3233	4848.29	3.6856
10:40:30	46.07	10556.52	0.4833	-0.3158	4856.48	3.6863
10:41:30	45.81	10534.97	0.5000	-0.3010	4878.03	3.6882
10:43:30	45.64	10480.26	0.5333	-0.2730	4932.74	3.6931
10:44:30	45.55	10460.05	0.5500	-0.2596	4952.95	3.6949
10:45:00	45.47	10450.89	0.5583	-0.2531	4962.11	3.6957
10:45:30	45.47	10439.84	0.5667	-0.2467	4973.16	3.6966
10:46:30	45.38	10422.49	0.5833	-0.2341	4990.51	3.6981
10:48:30	45.21	10407.86	0.6167	-0.2099	5005.14	3.6994
10:49:00	45.21	10539.49	0.6250	-0.2041	4873.51	3.6878
10:49:30	45.21	10549.34	0.6333	-0.1984	4863.66	3.6870
10:50:00	45.21	11009.26	0.6417	-0.1927	4403.74	3.6438
10:50:30	45.21	11531.32	0.6500	-0.1871	3881.68	3.5890
10:51:00	45.29	11957.65	0.6583	-0.1816	3455.35	3.5385



TIME 21-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
10:51:30	45.29	12287.00	0.6667	-0.1761	3126.00	3.4950
10:52:00	45.38	12537.14	0.6750	-0.1707	2875.86	3.4588
10:52:30	45.47	12725.21	0.6833	-0.1654	2687.79	3.4294
10:53:00	45.55	12863.73	0.6917	-0.1601	2549.27	3.4064
10:53:30	45.64	12963.11	0.7000	-0.1549	2449.89	3.3891
10:54:00	45.81	13038.25	0.7083	-0.1498	2374.75	3.3756
10:54:30	45.89	13096.92	0.7167	-0.1447	2316.08	3.3648
10:55:00	46.07	13142.59	0.7250	-0.1397	2270.41	3.3561
10:55:30	46.15	13177.97	0.7333	-0.1347	2235.03	3.3493
10:56:00	46.32	13203.40	0.7417	-0.1298	2209.60	3.3443
10:56:30	46.41	13224.13	0.7500	-0.1249	2188.87	3.3402
10:57:00	46.58	13239.54	0.7583	-0.1201	2173.46	3.3372
10:57:30	46.75	13250.90	0.7667	-0.1154	2162.10	3.3349
10:58:00	47.01	13268.94	0.7833	-0.1061	2144.06	3.3312
10:59:00	47.27	13276.49	0.7917	-0.1015	2136.51	3.3297
10:59:30	47.35	13278.75	0.8000	-0.0969	2134.25	3.3292
11:01:30	47.87	13278.95	0.8333	-0.0792	2134.05	3.3292
11:02:30	48.13	13285.41	0.8500	-0.0706	2127.59	3.3279
11:03:00	48.21	13287.23	0.8583	-0.0663	2125.77	3.3275
11:03:30	48.30	13287.12	0.8667	-0.0621	2125.88	3.3275
11:04:00	48.47	13289.30	0.8750	-0.0580	2123.70	3.3271
11:04:30	48.47	13293.08	0.8833	-0.0539	2119.92	3.3263
11:05:00	48.64	13299.05	0.8917	-0.0498	2113.95	3.3251
11:05:30	48.64	13307.81	0.9000	-0.0458	2105.19	3.3233
11:06:30	48.90	13321.08	0.9167	-0.0378	2091.92	3.3205
11:07:00	48.98	13328.17	0.9250	-0.0339	2084.83	3.3191
11:07:30	48.98	13332.14	0.9333	-0.0300	2080.86	3.3182
11:08:00	48.98	13330.76	0.9417	-0.0261	2082.24	3.3185
11:08:30	49.07	13326.81	0.9500	-0.0223	2086.19	3.3194
11:09:30	49.24	13310.33	0.9667	-0.0147	2102.67	3.3228
11:10:00	49.32	13299.75	0.9750	-0.0110	2113.25	3.3250
11:10:30	49.32	13287.03	0.9833	-0.0073	2125.97	3.3276
11:11:00	49.41	13269.82	0.9917	-0.0036	2143.18	3.3311
11:11:30	49.50	13248.28	1.0000	0.0000	2164.72	3.3354
11:12:00	49.50	13231.78	1.0083	0.0036	2181.22	3.3387
11:12:30	49.58	13217.71	1.0167	0.0072	2195.29	3.3415
11:13:30	49.67	13195.16	1.0333	0.0142	2217.84	3.3459
11:14:00	49.67	13185.39	1.0417	0.0177	2227.61	3.3478
11:14:30	49.67	13179.77	1.0500	0.0212	2233.23	3.3489
11:15:30	49.75	13174.00	1.0667	0.0280	2239.00	3.3501
11:16:30	49.84	13172.55	1.0833	0.0348	2240.45	3.3503
11:18:30	50.01	13174.48	1.1167	0.0479	2238.52	3.3500
11:19:30	50.01	13174.57	1.1333	0.0544	2238.43	3.3499
11:20:30	50.01	13172.45	1.1500	0.0607	2240.55	3.3504
11:21:30	50.09	13164.57	1.1667	0.0669	2248.43	3.3519
11:22:30	50.09	13154.15	1.1833	0.0731	2258.85	3.3539
11:23:00	50.18	13150.33	1.1917	0.0762	2262.67	3.3546
11:23:30	50.18	13143.42	1.2000	0.0792	2269.58	3.3559
11:24:00	50.18	13134.66	1.2083	0.0822	2278.34	3.3576
11:24:30	50.18	13128.31	1.2167	0.0852	2284.69	3.3588
11:25:00	50.18	13124.06	1.2250	0.0881	2288.94	3.3596
11:27:00	50.26	13099.97	1.2583	0.0998	2313.03	3.3642
11:28:00	50.26	13092.13	1.2750	0.1055	2320.87	3.3657
11:30:00	50.35	13069.15	1.3083	0.1167	2343.85	3.3699
11:30:30	50.44	13065.79	1.3167	0.1195	2347.21	3.3706
11:31:00	50.44	13064.50	1.3250	0.1222	2348.50	3.3708
11:32:00	50.35	13065.46	1.3417	0.1276	2347.54	3.3706
11:32:30	50.44	13068.65	1.3500	0.1303	2344.35	3.3700
11:33:00	50.44	13073.44	1.3583	0.1330	2339.56	3.3691
11:35:00	50.52	13100.32	1.3917	0.1435	2312.68	3.3641
11:36:00	50.52	13110.17	1.4083	0.1487	2302.83	3.3623
11:37:00	50.52	13122.34	1.4250	0.1538	2290.66	3.3600

TIME 21-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
11:38:00	50.61	13131.07	1.4417	0.1589	2281.93	3.3583
11:39:00	50.69	13144.40	1.4583	0.1639	2268.60	3.3558
11:41:00	50.78	13157.37	1.4917	0.1737	2255.63	3.3533
11:42:00	50.78	13160.41	1.5083	0.1785	2252.59	3.3527
11:44:00	50.86	13155.78	1.5417	0.1880	2257.22	3.3536
11:44:30	50.86	13154.95	1.5500	0.1903	2258.05	3.3537
11:45:00	50.95	13105.07	1.5583	0.1927	2307.93	3.3632
11:45:30	50.86	12899.21	1.5667	0.1950	2513.79	3.4003
11:46:00	50.95	12700.24	1.5750	0.1973	2712.76	3.4334
11:46:30	50.95	12550.60	1.5833	0.1996	2862.40	3.4567
11:47:00	50.86	12436.74	1.5917	0.2019	2976.26	3.4737
11:47:30	50.86	12348.84	1.6000	0.2041	3064.16	3.4863
11:48:00	50.86	12281.95	1.6083	0.2064	3131.05	3.4957
11:48:30	50.86	12231.09	1.6167	0.2086	3181.91	3.5027
11:49:00	50.86	12190.74	1.6250	0.2109	3222.26	3.5082
11:49:30	50.78	12160.00	1.6333	0.2131	3253.00	3.5123
11:50:00	50.69	12138.10	1.6417	0.2153	3274.90	3.5152
11:50:30	50.69	12121.80	1.6500	0.2175	3291.20	3.5174
11:51:00	50.69	12112.30	1.6583	0.2197	3300.70	3.5186
11:51:30	50.61	12110.22	1.6667	0.2218	3302.78	3.5189
11:52:00	50.52	12113.11	1.6750	0.2240	3299.89	3.5185
11:54:00	50.44	12131.94	1.7083	0.2326	3281.06	3.5160
11:55:00	50.35	12136.50	1.7250	0.2368	3276.50	3.5154
11:55:30	50.35	12140.09	1.7333	0.2389	3272.91	3.5149
11:56:30	50.18	12151.61	1.7500	0.2430	3261.39	3.5134
11:57:30	50.18	12165.24	1.7667	0.2472	3247.76	3.5116
11:58:30	50.18	12176.02	1.7833	0.2512	3236.98	3.5101
11:59:30	50.18	12181.09	1.8000	0.2553	3231.91	3.5095
12:00:00	50.18	12182.29	1.8083	0.2573	3230.71	3.5093
12:01:00	50.09	12181.60	1.8250	0.2613	3231.40	3.5094
12:02:00	50.09	12177.17	1.8417	0.2652	3235.83	3.5100
12:04:00	50.09	12156.72	1.8750	0.2730	3256.28	3.5127
12:06:00	50.09	12139.77	1.9083	0.2807	3273.23	3.5150
12:08:00	50.09	12125.95	1.9417	0.2882	3287.05	3.5168
12:08:30	50.09	12123.10	1.9500	0.2900	3289.90	3.5172
12:09:30	50.09	12121.99	1.9667	0.2937	3291.01	3.5173
12:10:00	50.09	12123.83	1.9750	0.2956	3289.17	3.5171
12:11:00	50.18	12132.54	1.9917	0.2992	3280.46	3.5159
12:11:30	50.18	12140.92	2.0000	0.3010	3272.08	3.5148
12:12:00	50.09	12151.84	2.0083	0.3028	3261.16	3.5134
12:12:30	50.18	12166.25	2.0167	0.3046	3246.75	3.5114
12:13:30	50.18	12199.14	2.0333	0.3082	3213.86	3.5070
12:14:30	50.18	12235.16	2.0500	0.3118	3177.84	3.5021
12:15:00	50.18	12221.62	2.0583	0.3135	3191.38	3.5040
12:15:30	50.18	12097.81	2.0667	0.3153	3315.19	3.5205
12:16:00	50.18	11934.57	2.0750	0.3170	3478.43	3.5414
12:16:30	50.18	11804.32	2.0833	0.3188	3608.68	3.5573
12:17:00	50.18	11701.06	2.0917	0.3205	3711.94	3.5696
12:17:30	50.18	11617.42	2.1000	0.3222	3795.58	3.5793
12:18:00	50.18	11550.28	2.1083	0.3239	3862.72	3.5869
12:18:30	50.09	11495.07	2.1167	0.3257	3917.93	3.5931
12:19:00	50.09	11449.11	2.1250	0.3274	3963.89	3.5981
12:19:30	50.18	11413.41	2.1333	0.3291	3999.59	3.6020
12:20:00	50.09	11383.81	2.1417	0.3308	4029.19	3.6052
12:20:30	50.01	11362.59	2.1500	0.3324	4050.41	3.6075
12:21:00	50.01	11347.85	2.1583	0.3341	4065.15	3.6091
12:21:30	50.01	11344.63	2.1667	0.3358	4068.37	3.6094
12:22:00	49.92	11351.96	2.1750	0.3375	4061.04	3.6086
12:22:30	49.92	11366.88	2.1833	0.3391	4046.12	3.6070
12:23:00	49.75	11385.25	2.1917	0.3408	4027.75	3.6051
12:23:30	49.84	11407.93	2.2000	0.3424	4005.07	3.6026
12:24:00	49.75	11432.77	2.2083	0.3441	3980.23	3.5999

TIME 21-SEP-83	SIT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
12:24:30	49.75	11456.16	2.2167	0.3457	3956.84	3.5973
12:25:30	49.67	11496.11	2.2333	0.3490	3916.89	3.5929
12:26:00	49.67	11511.67	2.2417	0.3506	3901.33	3.5912
12:26:30	49.67	11525.49	2.2500	0.3522	3887.51	3.5897
12:27:00	49.58	11536.98	2.2583	0.3538	3876.02	3.5884
12:27:30	49.58	11546.75	2.2667	0.3554	3866.25	3.5873
12:28:30	49.58	11558.53	2.2833	0.3586	3854.47	3.5860
12:29:00	49.58	11563.41	2.2917	0.3602	3849.59	3.5854
12:30:00	49.50	11567.91	2.3083	0.3633	3845.09	3.5849
12:32:00	49.58	11571.98	2.3417	0.3695	3841.02	3.5844
12:33:00	49.67	11576.61	2.3583	0.3726	3836.39	3.5839
12:33:30	49.58	11580.09	2.3667	0.3741	3832.91	3.5835
12:34:00	49.58	11585.70	2.3750	0.3757	3827.30	3.5829
12:35:00	49.67	11602.95	2.3917	0.3787	3810.05	3.5809
12:36:00	49.67	11624.50	2.4083	0.3817	3788.50	3.5785
12:37:00	49.67	11649.74	2.4250	0.3847	3763.26	3.5756
12:37:30	49.67	11660.42	2.4333	0.3862	3752.58	3.5743
12:38:00	49.67	11665.40	2.4417	0.3877	3747.60	3.5738
12:38:30	49.75	11664.13	2.4500	0.3892	3748.87	3.5739
12:39:00	49.75	11656.58	2.4583	0.3906	3756.42	3.5748
12:40:00	49.75	11628.30	2.4750	0.3936	3784.70	3.5780
12:41:00	49.84	11603.65	2.4917	0.3965	3809.35	3.5809
12:41:30	49.75	11592.66	2.5000	0.3979	3820.34	3.5821
12:42:00	49.84	11584.03	2.5083	0.3994	3828.97	3.5831
12:42:30	49.84	11576.94	2.5167	0.4008	3836.06	3.5839
12:43:30	49.92	11568.40	2.5333	0.4037	3844.60	3.5849
12:44:30	49.92	11564.07	2.5500	0.4065	3848.93	3.5853
12:45:00	49.92	11557.07	2.5583	0.4080	3855.93	3.5861
12:45:30	49.92	11471.33	2.5667	0.4094	3941.67	3.5957
12:46:00	49.84	11282.13	2.5750	0.4108	4130.88	3.6160
12:46:30	49.92	11104.60	2.5833	0.4122	4308.40	3.6343
12:47:00	49.84	10986.70	2.5917	0.4136	4426.30	3.6460
12:47:30	49.84	10909.07	2.6000	0.4150	4503.93	3.6536
12:48:00	49.84	10859.35	2.6083	0.4164	4553.65	3.6584
12:48:30	49.75	10829.03	2.6167	0.4177	4583.97	3.6612
12:49:00	49.75	10811.44	2.6250	0.4191	4601.56	3.6629
12:49:30	49.75	10801.31	2.6333	0.4205	4611.69	3.6639
12:50:00	49.67	10793.92	2.6417	0.4219	4619.08	3.6646
12:50:30	49.58	10792.25	2.6500	0.4232	4620.75	3.6647
12:51:30	49.50	10817.00	2.6667	0.4260	4596.00	3.6624
12:52:00	49.50	10821.42	2.6750	0.4273	4591.58	3.6620
12:52:30	49.50	10823.54	2.6833	0.4287	4589.46	3.6618
12:53:30	49.41	10832.18	2.7000	0.4314	4580.82	3.6609
12:55:30	49.32	10856.11	2.7333	0.4367	4556.89	3.6587
12:56:30	49.15	10868.99	2.7500	0.4393	4544.01	3.6574
12:57:00	49.15	10874.15	2.7583	0.4406	4538.85	3.6569
12:57:30	49.15	10881.33	2.7667	0.4420	4531.67	3.6563
12:58:30	49.07	10891.00	2.7833	0.4446	4522.00	3.6553
12:59:30	49.15	10903.43	2.8000	0.4472	4509.57	3.6541
13:00:30	49.15	10913.19	2.8167	0.4497	4499.81	3.6532
13:01:30	49.07	10921.20	2.8333	0.4523	4491.80	3.6524
13:02:00	49.07	10925.34	2.8417	0.4536	4487.66	3.6520
13:03:00	49.15	10930.31	2.8583	0.4561	4482.69	3.6515
13:04:00	49.07	10927.46	2.8750	0.4586	4485.54	3.6518
13:04:30	49.15	10925.80	2.8833	0.4599	4487.20	3.6520
13:06:30	49.15	10911.17	2.9167	0.4649	4501.83	3.6534
13:07:30	49.15	10903.79	2.9333	0.4674	4509.21	3.6541
13:09:30	49.15	10893.85	2.9667	0.4723	4519.15	3.6551
13:10:00	49.15	10894.96	2.9750	0.4735	4518.04	3.6550
13:12:00	49.24	10905.09	3.0083	0.4783	4507.91	3.6540
13:14:00	49.24	10922.03	3.0417	0.4831	4490.97	3.6523
13:15:00	49.24	10930.50	3.0583	0.4855	4482.50	3.6515

TIME 21-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
13:16:00	49.32	10936.96	3.0750	0.4878	4476.04	3.6509
13:16:30	49.32	10930.24	3.0833	0.4890	4482.76	3.6515
13:17:00	49.24	10902.05	3.0917	0.4902	4510.95	3.6543
13:17:30	49.32	10817.16	3.1000	0.4914	4595.84	3.6624
13:18:00	49.32	10749.21	3.1083	0.4925	4663.79	3.6687
13:18:30	49.24	10703.99	3.1167	0.4937	4709.01	3.6729
13:19:00	49.32	10676.84	3.1250	0.4949	4736.16	3.6754
13:19:30	49.32	10661.55	3.1333	0.4960	4751.45	3.6768
13:20:00	49.32	10652.90	3.1417	0.4972	4760.10	3.6776
13:20:30	49.24	10648.56	3.1500	0.4983	4764.44	3.6780
13:21:30	49.32	10647.01	3.1667	0.5006	4765.99	3.6782
13:22:30	49.24	10649.49	3.1833	0.5029	4763.51	3.6779
13:26:30	49.15	10672.50	3.2500	0.5119	4740.50	3.6758
13:27:30	49.15	10679.50	3.2667	0.5141	4733.50	3.6752
13:28:30	49.15	10689.07	3.2833	0.5163	4723.93	3.6743
13:30:30	49.24	10700.04	3.3167	0.5207	4712.96	3.6733
13:32:30	49.24	10706.48	3.3500	0.5250	4706.52	3.6727
13:34:30	49.24	10710.44	3.3833	0.5293	4702.56	3.6723
13:36:30	49.24	10716.42	3.4167	0.5336	4696.58	3.6718
13:37:30	49.32	10719.38	3.4333	0.5357	4693.62	3.6715
13:38:30	49.32	10717.44	3.4500	0.5378	4695.56	3.6717
13:40:30	49.32	10721.95	3.4833	0.5420	4691.05	3.6713
13:42:30	49.41	10723.44	3.5167	0.5461	4689.56	3.6711
13:43:30	49.50	10719.40	3.5333	0.5482	4693.60	3.6715
13:44:00	49.41	10719.94	3.5417	0.5492	4693.06	3.6715
13:44:30	49.41	10725.00	3.5500	0.5502	4688.00	3.6710
13:45:30	49.50	10723.08	3.5667	0.5523	4689.92	3.6712
13:46:00	49.50	10726.30	3.5750	0.5533	4686.70	3.6709
13:46:30	49.50	10723.17	3.5833	0.5543	4689.83	3.6712
13:47:00	49.50	10697.94	3.5917	0.5553	4715.06	3.6735
13:47:30	49.58	10667.95	3.6000	0.5563	4745.05	3.6762
13:48:00	49.50	10647.49	3.6083	0.5573	4765.51	3.6781
13:48:30	49.50	10635.34	3.6167	0.5583	4777.66	3.6792
13:49:00	49.58	10628.81	3.6250	0.5593	4784.19	3.6798
13:49:30	49.50	10624.01	3.6333	0.5603	4788.99	3.6802
13:50:00	49.58	10621.91	3.6417	0.5613	4791.09	3.6804
13:51:00	49.58	10624.03	3.6500	0.5633	4788.97	3.6802
13:51:30	49.58	10625.13	3.6667	0.5643	4787.87	3.6801
13:53:30	49.58	10637.10	3.7000	0.5682	4775.90	3.6791
13:54:00	49.58	10637.47	3.7083	0.5692	4775.53	3.6790
13:54:30	49.50	10634.69	3.7167	0.5702	4778.31	3.6793
13:56:30	49.58	10638.94	3.7500	0.5740	4774.06	3.6789
13:57:30	49.58	10639.31	3.7667	0.5760	4773.69	3.6789
13:58:00	49.67	10642.83	3.7750	0.5769	4770.17	3.6785
13:58:30	49.58	10648.06	3.7833	0.5779	4764.94	3.6781
13:59:30	49.58	10653.49	3.8000	0.5798	4759.51	3.6776
14:00:30	49.67	10657.01	3.8167	0.5817	4755.99	3.6772
14:02:30	49.67	10661.33	3.8500	0.5855	4751.67	3.6768
14:06:30	49.75	10663.20	3.9167	0.5929	4749.80	3.6767
14:08:30	49.75	10665.96	3.9500	0.5966	4747.04	3.6764
14:12:30	49.84	10664.69	4.0167	0.6039	4748.31	3.6765
14:14:30	49.92	10665.00	4.0500	0.6075	4748.00	3.6765
14:15:30	49.92	10665.27	4.0667	0.6092	4747.73	3.6765
14:16:00	49.84	10665.16	4.0750	0.6101	4747.84	3.6765
14:17:00	49.92	10659.75	4.0917	0.6119	4753.25	3.6770
14:18:00	49.92	10648.33	4.1083	0.6137	4764.67	3.6780
14:19:00	50.01	10642.47	4.1250	0.6154	4770.53	3.6786
14:19:30	50.01	10630.04	4.1333	0.6163	4782.96	3.6797
14:20:00	49.92	10611.32	4.1417	0.6172	4801.68	3.6814
14:20:30	50.01	10596.25	4.1500	0.6180	4816.75	3.6828
14:21:00	49.92	10589.31	4.1583	0.6189	4823.69	3.6834
14:21:30	50.01	10585.20	4.1667	0.6198	4827.80	3.6837

TIME 21-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
14:22:00	50.01	10582.62	4.1750	0.6207	4830.38	3.6840
14:23:00	50.01	10582.53	4.1917	0.6224	4830.47	3.6840
14:24:00	50.01	10584.28	4.2083	0.6241	4828.72	3.6838
14:28:00	50.01	10598.37	4.2750	0.6309	4814.63	3.6826
14:30:00	50.01	10605.83	4.3083	0.6343	4807.17	3.6819
14:32:00	50.09	10610.46	4.3417	0.6377	4802.54	3.6815
14:33:00	50.01	10609.88	4.3583	0.6393	4803.12	3.6815
14:34:00	50.09	10611.47	4.3750	0.6410	4801.53	3.6814
14:35:00	50.09	10611.29	4.3917	0.6426	4801.71	3.6814
14:39:00	50.18	10603.68	4.4583	0.6492	4809.32	3.6821
14:41:00	50.18	10599.73	4.4917	0.6524	4813.27	3.6824
14:43:00	50.18	10601.01	4.5250	0.6556	4811.99	3.6823
14:45:00	50.26	10607.68	4.5583	0.6588	4805.32	3.6817
14:46:00	50.26	10609.80	4.5750	0.6604	4803.20	3.6815
14:47:00	50.26	10613.57	4.5917	0.6620	4799.43	3.6812
14:49:00	50.26	10617.17	4.6250	0.6651	4795.83	3.6809
14:51:00	50.35	10618.59	4.6583	0.6682	4794.41	3.6807
14:53:00	50.35	10615.18	4.6917	0.6713	4797.82	3.6810
14:54:00	50.35	10611.68	4.7083	0.6729	4801.32	3.6814
14:54:30	50.35	10609.47	4.7167	0.6736	4803.53	3.6816
14:56:30	50.35	10606.53	4.7500	0.6767	4806.47	3.6818
14:57:30	50.44	10607.58	4.7667	0.6782	4805.42	3.6817
14:58:00	50.35	10613.16	4.7750	0.6790	4799.84	3.6812
14:58:30	50.44	10612.92	4.7833	0.6797	4800.08	3.6812
14:59:00	50.44	10619.18	4.7917	0.6805	4793.82	3.6807
14:59:30	50.44	10611.08	4.8000	0.6812	4801.92	3.6814
15:00:00	50.44	10608.51	4.8083	0.6820	4804.49	3.6816
15:00:30	50.52	10607.91	4.8167	0.6827	4805.09	3.6817
15:01:00	50.52	10615.73	4.8250	0.6835	4797.27	3.6810
15:02:00	50.44	10609.89	4.8417	0.6850	4803.11	3.6815
15:02:30	50.44	10606.85	4.8500	0.6857	4806.15	3.6818
15:03:30	50.52	10610.39	4.8667	0.6872	4802.61	3.6815
15:04:00	50.52	10610.21	4.8750	0.6880	4802.79	3.6815
15:04:30	50.44	10730.05	4.8833	0.6887	4682.95	3.6705
15:05:00	50.52	10939.58	4.8917	0.6895	4473.42	3.6506
15:05:30	50.52	11065.75	4.9000	0.6902	4347.25	3.6382
15:06:00	50.61	11062.21	4.9083	0.6909	4350.79	3.6386
15:06:30	50.61	10940.10	4.9167	0.6917	4472.90	3.6506
15:07:00	50.69	10881.86	4.9250	0.6924	4531.14	3.6562
15:07:30	50.61	10851.70	4.9333	0.6931	4561.30	3.6591
15:08:30	50.69	10802.95	4.9500	0.6946	4610.05	3.6637
15:09:00	50.78	10787.72	4.9583	0.6953	4625.28	3.6651
15:09:30	50.78	10785.14	4.9667	0.6961	4627.86	3.6654
15:10:00	50.78	10787.07	4.9750	0.6968	4625.93	3.6652
15:11:00	50.86	10784.09	4.9917	0.6982	4628.91	3.6655
15:15:00	50.95	10781.95	5.0583	0.7040	4631.05	3.6657
15:17:00	50.95	10784.06	5.0917	0.7069	4628.94	3.6655
15:18:00	50.95	10783.23	5.1083	0.7083	4629.77	3.6656
15:19:00	51.03	10785.61	5.1250	0.7097	4627.39	3.6653
15:20:00	51.03	10786.06	5.1417	0.7111	4626.94	3.6653
15:21:00	51.03	10789.57	5.1583	0.7125	4623.43	3.6650
15:22:00	51.12	10788.99	5.1750	0.7139	4624.01	3.6650
15:22:30	51.03	10541.23	5.1833	0.7146	4871.77	3.6877
15:23:00	51.03	10171.84	5.1917	0.7153	5241.16	3.7194
15:23:30	51.03	10020.86	5.2000	0.7160	5392.14	3.7318
15:24:00	50.95	9957.83	5.2083	0.7167	5455.17	3.7368
15:24:30	50.95	9943.74	5.2167	0.7174	5469.26	3.7379
15:25:00	50.95	9965.28	5.2250	0.7181	5447.72	3.7362
15:25:30	50.86	9991.37	5.2333	0.7188	5421.63	3.7341
15:26:30	50.69	10012.98	5.2500	0.7202	5400.02	3.7324
15:27:00	50.61	10021.22	5.2583	0.7208	5391.78	3.7317
15:28:00	50.44	9987.25	5.2750	0.7222	5425.75	3.7345

TIME 21-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
15:28:30	50.44	9961.10	5.2833	0.7229	5451.90	3.7365
15:29:00	50.35	9950.94	5.2917	0.7236	5462.06	3.7374
15:29:30	50.26	9943.44	5.3000	0.7243	5469.56	3.7380
15:30:30	50.18	9946.26	5.3167	0.7256	5466.74	3.7377
15:31:00	50.09	9952.95	5.3250	0.7263	5460.05	3.7372
15:31:30	50.01	9952.46	5.3333	0.7270	5460.54	3.7372
15:32:00	50.01	9950.15	5.3417	0.7277	5462.85	3.7374
15:32:30	49.92	9961.54	5.3500	0.7284	5451.46	3.7365
15:33:00	49.92	10014.10	5.3583	0.7290	5398.90	3.7323
15:33:30	49.92	10030.22	5.3667	0.7297	5374.78	3.7304
15:34:00	49.84	10044.64	5.3750	0.7304	5368.36	3.7298
15:34:30	49.84	10043.63	5.3833	0.7311	5369.37	3.7299
15:35:30	49.75	10032.10	5.4000	0.7324	5380.90	3.7309
15:36:30	49.75	10032.10	5.4167	0.7337	5380.90	3.7309
15:37:00	49.75	10033.48	5.4250	0.7344	5379.52	3.7307
15:38:00	49.67	10031.53	5.4417	0.7357	5381.47	3.7309
15:38:30	49.75	10028.14	5.4500	0.7364	5384.86	3.7312
15:39:30	49.67	10027.29	5.4667	0.7377	5385.71	3.7312
15:40:00	49.67	10022.78	5.4750	0.7384	5390.22	3.7316
15:41:00	49.58	10020.19	5.4917	0.7397	5392.81	3.7318
15:42:00	49.67	10015.51	5.5083	0.7410	5397.49	3.7322
15:42:30	49.67	10015.88	5.5167	0.7417	5397.12	3.7322
15:43:30	49.58	10012.92	5.5333	0.7430	5400.08	3.7324
15:44:30	49.58	10014.02	5.5500	0.7443	5398.98	3.7323
15:45:00	49.67	10012.38	5.5583	0.7449	5400.62	3.7324
15:46:00	49.58	10004.72	5.5750	0.7462	5408.28	3.7331
15:46:30	49.58	9920.13	5.5833	0.7469	5492.87	3.7398
15:47:00	49.58	9784.91	5.5917	0.7475	5628.09	3.7504
15:47:30	49.58	9752.42	5.6000	0.7482	5660.58	3.7529
15:48:00	49.58	9748.74	5.6083	0.7488	5664.26	3.7531
15:48:30	49.50	9758.02	5.6167	0.7495	5654.98	3.7524
15:49:00	49.50	9777.90	5.6250	0.7501	5635.10	3.7509
15:49:30	49.50	9787.20	5.6333	0.7508	5625.80	3.7502
15:50:00	49.41	9782.04	5.6417	0.7514	5630.96	3.7506
15:50:30	49.41	9774.12	5.6500	0.7520	5638.88	3.7512
15:51:30	49.41	9753.96	5.6667	0.7533	5659.04	3.7527
15:52:30	49.32	9748.53	5.6833	0.7546	5664.47	3.7532
15:53:00	49.32	9749.91	5.6917	0.7552	5663.09	3.7531
15:53:30	49.32	9759.85	5.7000	0.7559	5653.15	3.7523
15:54:00	49.24	9760.03	5.7083	0.7565	5652.97	3.7523
15:54:30	49.24	9754.97	5.7167	0.7571	5658.03	3.7527
15:55:00	49.24	9752.11	5.7250	0.7578	5660.89	3.7529
15:56:00	49.24	9751.65	5.7417	0.7590	5661.35	3.7529
15:56:30	49.15	9746.68	5.7500	0.7597	5666.32	3.7533
15:57:00	49.15	9744.20	5.7583	0.7603	5668.80	3.7535
15:57:30	49.15	9737.57	5.7667	0.7609	5675.43	3.7540
15:58:30	49.15	9729.75	5.7833	0.7622	5683.25	3.7546
15:59:30	49.07	9725.98	5.8000	0.7634	5687.02	3.7549
16:00:30	49.15	9726.34	5.8167	0.7647	5686.66	3.7549
16:01:30	49.15	9721.83	5.8333	0.7659	5691.17	3.7552
16:02:00	49.07	9723.12	5.8417	0.7665	5689.88	3.7551
16:03:00	49.07	9724.14	5.8583	0.7678	5688.86	3.7550
16:05:00	49.07	9717.88	5.8917	0.7702	5695.12	3.7555
16:05:30	48.98	9716.41	5.9000	0.7709	5696.59	3.7556
16:06:30	48.98	9721.29	5.9167	0.7721	5691.71	3.7552
16:07:30	48.98	9722.67	5.9333	0.7733	5690.33	3.7551
16:11:30	48.98	9716.41	6.0000	0.7782	5696.59	3.7556
16:13:30	48.98	9713.83	6.0333	0.7806	5699.17	3.7558
16:15:30	49.07	9709.23	6.0667	0.7830	5703.77	3.7562
16:17:30	48.98	9710.70	6.1000	0.7853	5702.30	3.7560
16:21:30	49.07	9706.28	6.1667	0.7901	5706.72	3.7564
16:25:30	48.98	9708.40	6.2333	0.7947	5704.60	3.7562

TIME 21-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
16:27:30	49.07	9706.10	6.2667	0.7970	5706.90	3.7564
16:28:30	49.07	9707.85	6.2833	0.7982	5705.15	3.7563
16:29:00	48.98	9708.13	6.2917	0.7988	5704.87	3.7562
16:30:00	49.07	9706.65	6.3083	0.7999	5706.35	3.7564
16:31:00	49.07	9707.20	6.3250	0.8011	5705.80	3.7563
16:35:00	49.07	9706.37	6.3917	0.8056	5706.63	3.7564
16:37:00	49.07	9704.35	6.4250	0.8079	5708.65	3.7565
16:39:00	49.07	9706.47	6.4583	0.8101	5706.53	3.7564
16:40:00	49.15	9707.56	6.4750	0.8112	5705.44	3.7563
16:40:30	49.15	9708.02	6.4833	0.8118	5704.98	3.7563
16:41:00	49.15	9713.92	6.4917	0.8124	5699.08	3.7558
16:41:30	49.07	9717.42	6.5000	0.8129	5695.58	3.7555
16:43:30	49.15	9716.49	6.5333	0.8151	5696.51	3.7556
16:44:30	49.15	9716.31	6.5500	0.8162	5696.69	3.7556
16:45:30	49.15	9714.47	6.5667	0.8173	5698.53	3.7558
16:46:30	49.15	9716.58	6.5833	0.8184	5696.42	3.7556
16:50:30	49.24	9716.31	6.6500	0.8228	5696.69	3.7556
16:51:30	49.15	9717.14	6.6667	0.8239	5695.86	3.7556
16:53:30	49.24	9716.22	6.7000	0.8261	5696.78	3.7556
16:54:30	49.24	9715.20	6.7167	0.8272	5697.80	3.7557
16:56:30	49.24	9717.78	6.7500	0.8293	5695.22	3.7555
17:00:30	49.32	9718.25	6.8167	0.8336	5694.75	3.7555
17:01:00	49.24	9717.69	6.8250	0.8341	5695.31	3.7555
17:02:00	49.24	9719.34	6.8417	0.8352	5693.66	3.7554
17:02:30	49.32	9718.70	6.8500	0.8357	5694.30	3.7554
17:04:30	49.24	9719.71	6.8833	0.8378	5693.29	3.7554
17:05:30	49.32	9722.66	6.9000	0.8388	5690.34	3.7551
17:13:30	49.41	9726.63	7.0333	0.8472	5686.37	3.7548
17:14:30	49.32	9728.83	7.0500	0.8482	5684.17	3.7547
17:16:30	49.41	9728.93	7.1167	0.8523	5684.07	3.7547
17:20:30	49.41	9729.39	7.1500	0.8543	5683.61	3.7546
17:21:30	49.41	9729.29	7.1667	0.8553	5683.71	3.7546
17:22:00	49.41	9731.96	7.1750	0.8558	5681.04	3.7544
17:30:00	49.41	9733.25	7.3083	0.8638	5679.75	3.7543
17:34:00	49.58	9735.76	7.3750	0.8678	5677.24	3.7541
17:36:00	49.50	9736.02	7.4083	0.8697	5676.98	3.7541
17:44:00	49.58	9744.41	7.5417	0.8775	5668.59	3.7535
17:46:00	49.50	9745.41	7.5750	0.8794	5667.59	3.7534
17:48:00	49.58	9744.04	7.6083	0.8813	5668.96	3.7535
17:52:00	49.58	9745.42	7.6750	0.8851	5667.58	3.7534
17:56:00	49.67	9749.12	7.7417	0.8888	5663.88	3.7531
17:58:00	49.67	9749.12	7.7750	0.8907	5663.88	3.7531
18:02:00	49.75	9753.65	7.8417	0.8944	5659.35	3.7528
18:04:00	49.75	9753.46	7.8750	0.8963	5659.54	3.7528
18:05:00	49.75	9752.91	7.8917	0.8972	5660.09	3.7528
18:06:00	49.75	9755.67	7.9083	0.8981	5657.33	3.7526
18:10:00	49.75	9757.70	7.9750	0.9017	5655.30	3.7525
18:11:00	49.75	9757.14	7.9917	0.9026	5655.86	3.7525
18:13:00	49.75	9759.26	8.0250	0.9044	5653.74	3.7523
18:14:00	49.75	9760.37	8.0417	0.9053	5652.63	3.7523
18:16:00	49.75	9760.37	8.0750	0.9071	5652.63	3.7523
18:18:00	49.84	9758.00	8.1083	0.9089	5655.00	3.7524
18:19:00	49.75	9760.55	8.1250	0.9098	5652.45	3.7522
18:21:00	49.75	9761.47	8.1583	0.9116	5651.53	3.7522
18:23:00	49.84	9764.16	8.1917	0.9134	5648.84	3.7520
18:23:30	49.84	9766.37	8.2000	0.9138	5646.63	3.7518
18:24:30	49.84	9766.10	8.2167	0.9147	5646.90	3.7518
18:26:30	49.92	9772.01	8.2500	0.9165	5640.99	3.7514
18:27:30	49.92	9773.21	8.2667	0.9173	5639.79	3.7513
18:31:30	49.92	9775.05	8.3333	0.9208	5637.95	3.7511
18:33:30	49.92	9777.25	8.3667	0.9226	5635.75	3.7510
18:35:30	49.92	9776.34	8.4000	0.9243	5636.66	3.7510

TIME 21-SEP-83	SDT degC	SIP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
18:37:30	49.92	9779.37	8.4333	0.9260	5633.63	3.7508
18:39:30	49.92	9780.29	8.4667	0.9277	5632.71	3.7507
18:43:30	50.01	9784.74	8.5333	0.9311	5628.26	3.7504
18:45:30	50.01	9785.02	8.5667	0.9328	5627.98	3.7504
18:46:30	50.01	9784.10	8.5833	0.9337	5628.90	3.7504
18:47:30	50.01	9781.43	8.6000	0.9345	5631.57	3.7506
18:49:30	50.01	9780.05	8.6333	0.9362	5632.95	3.7507
18:50:30	50.01	9781.70	8.6500	0.9370	5631.30	3.7506
18:51:00	50.01	9785.48	8.6583	0.9374	5627.52	3.7503
18:52:00	50.01	9789.06	8.6750	0.9383	5623.94	3.7500
18:56:00	50.01	9795.60	8.7417	0.9416	5617.40	3.7495
18:57:00	50.09	9797.93	8.7583	0.9424	5615.07	3.7494
19:01:00	50.09	9799.96	8.8250	0.9457	5613.04	3.7492
19:03:00	50.09	9800.32	8.8583	0.9474	5612.68	3.7492
19:05:00	50.18	9802.75	8.8917	0.9490	5610.25	3.7490
19:05:30	50.09	9802.44	8.9000	0.9494	5610.56	3.7490
19:06:30	50.18	9810.02	8.9167	0.9502	5602.98	3.7484
19:07:00	50.09	9809.35	8.9250	0.9506	5603.65	3.7485
19:07:30	50.09	9805.48	8.9333	0.9510	5607.52	3.7488
19:08:30	50.18	9805.97	8.9500	0.9518	5607.03	3.7487
19:09:00	50.18	9805.97	8.9583	0.9522	5607.03	3.7487
19:10:00	50.09	9808.98	8.9750	0.9530	5604.02	3.7485
19:11:00	50.18	9808.37	8.9917	0.9538	5604.63	3.7485
19:12:00	50.18	9811.31	9.0083	0.9546	5601.69	3.7483
19:12:30	50.18	9810.02	9.0167	0.9550	5602.98	3.7484
19:13:30	50.18	9811.07	9.0333	0.9558	5601.13	3.7483
19:15:30	50.18	9812.88	9.0667	0.9574	5600.12	3.7482
19:16:30	50.18	9814.44	9.0833	0.9582	5598.56	3.7481
19:17:00	50.26	9815.58	9.0917	0.9586	5597.42	3.7480
19:21:00	50.18	9814.17	9.1583	0.9618	5598.83	3.7481
19:25:00	50.26	9816.87	9.2250	0.9650	5596.13	3.7479
19:26:00	50.26	9814.85	9.2417	0.9658	5598.15	3.7480
19:27:00	50.26	9817.05	9.2583	0.9665	5595.95	3.7479
19:27:30	50.26	9816.87	9.2667	0.9669	5596.13	3.7479
19:28:30	50.26	9820.46	9.2833	0.9677	5592.54	3.7476
19:29:30	50.26	9820.55	9.3000	0.9685	5592.45	3.7476
19:30:00	50.35	9819.39	9.3083	0.9689	5593.61	3.7477
19:32:00	50.26	9823.31	9.3417	0.9704	5589.69	3.7474
19:33:00	50.26	9823.50	9.3583	0.9712	5589.50	3.7474
19:35:00	50.35	9827.58	9.3917	0.9727	5585.42	3.7471
19:37:00	50.35	9828.41	9.4250	0.9743	5584.59	3.7470
19:38:00	50.35	9828.32	9.4417	0.9750	5584.68	3.7470
19:39:00	50.35	9830.90	9.4583	0.9758	5582.10	3.7468
19:41:00	50.35	9832.19	9.4917	0.9773	5580.81	3.7467
19:42:00	50.35	9830.90	9.5083	0.9781	5582.10	3.7468
19:43:00	50.35	9831.36	9.5250	0.9789	5581.64	3.7468
19:43:30	50.35	9832.93	9.5333	0.9792	5580.07	3.7466
19:44:30	50.35	9830.90	9.5500	0.9800	5582.10	3.7468
19:48:30	50.35	9832.09	9.6167	0.9830	5580.91	3.7467
19:49:30	50.35	9834.86	9.6333	0.9838	5578.14	3.7465
19:50:00	50.44	9836.46	9.6417	0.9842	5576.54	3.7464
19:54:00	50.44	9839.32	9.7083	0.9871	5573.68	3.7461
19:55:00	50.35	9838.17	9.7250	0.9879	5574.83	3.7462
19:57:00	50.44	9841.25	9.7583	0.9894	5571.75	3.7460
19:58:00	50.44	9842.91	9.7750	0.9901	5570.09	3.7459
19:58:30	50.44	9843.55	9.7833	0.9905	5569.45	3.7458
19:59:00	50.44	9842.26	9.7917	0.9909	5570.74	3.7459
20:00:00	50.44	9844.38	9.8083	0.9916	5568.62	3.7457
20:04:00	50.52	9847.74	9.8750	0.9945	5565.26	3.7455
20:04:30	50.44	9847.05	9.8833	0.9949	5565.95	3.7455
20:06:30	50.52	9849.12	9.9167	0.9964	5563.88	3.7454
20:07:00	50.52	9850.78	9.9250	0.9967	5562.22	3.7452



TIME 21-SEP-83	SIT degC	SIP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
20:08:00	50.52	9849.95	9.9417	0.9975	5563.05	3.7453
20:08:30	50.52	9848.48	9.9500	0.9978	5564.52	3.7454
20:09:30	50.52	9849.12	9.9667	0.9985	5563.88	3.7454
20:10:00	50.52	9850.22	9.9750	0.9989	5562.78	3.7453
20:11:00	50.52	9849.30	9.9917	0.9996	5563.70	3.7454
20:12:00	50.52	9850.69	10.0083	1.0004	5562.31	3.7453
20:12:30	50.52	9851.88	10.0167	1.0007	5561.12	3.7452
20:13:30	50.52	9850.22	10.0333	1.0014	5562.78	3.7453
20:17:30	50.52	9852.53	10.1000	1.0043	5560.47	3.7451
20:19:30	50.52	9852.80	10.1333	1.0058	5560.20	3.7451
20:20:30	50.52	9854.74	10.1500	1.0065	5558.26	3.7449
20:22:30	50.52	9855.75	10.1833	1.0079	5557.25	3.7449
20:24:30	50.61	9858.74	10.2167	1.0093	5554.26	3.7446
20:25:30	50.52	9857.77	10.2333	1.0100	5555.23	3.7447
20:29:30	50.69	9863.21	10.3000	1.0128	5549.79	3.7443
20:31:30	50.61	9863.62	10.3333	1.0142	5549.38	3.7442
20:32:30	50.69	9863.67	10.3500	1.0149	5549.33	3.7442
20:34:30	50.52	9867.34	10.3833	1.0163	5545.66	3.7440
20:35:30	50.69	9866.80	10.4000	1.0170	5546.20	3.7440
20:36:00	50.69	9867.72	10.4083	1.0174	5545.28	3.7439
20:36:30	50.69	9871.86	10.4167	1.0177	5541.14	3.7436
20:37:00	50.61	9872.73	10.4250	1.0181	5540.27	3.7435
20:37:30	50.61	9869.88	10.4333	1.0184	5543.12	3.7438
20:38:00	50.61	9869.42	10.4417	1.0188	5543.58	3.7438
20:38:30	50.61	9870.80	10.4500	1.0191	5542.20	3.7437
20:39:00	50.61	9869.24	10.4583	1.0195	5543.76	3.7438
20:41:00	50.69	9872.14	10.4917	1.0208	5540.86	3.7436
20:45:00	50.69	9872.42	10.5583	1.0236	5540.58	3.7436
20:46:00	50.69	9875.36	10.5750	1.0243	5537.64	3.7433
20:48:00	50.69	9876.19	10.6083	1.0256	5536.81	3.7433
20:49:00	50.61	9876.97	10.6250	1.0263	5536.03	3.7432
20:51:00	50.78	9876.80	10.6583	1.0277	5536.20	3.7432
20:52:00	50.69	9877.48	10.6750	1.0284	5535.52	3.7432
20:52:30	50.69	9879.23	10.6833	1.0287	5533.77	3.7430
20:56:30	50.69	9880.15	10.7500	1.0314	5532.85	3.7429
20:57:30	50.69	9882.17	10.7667	1.0321	5530.83	3.7428
20:58:30	50.69	9881.44	10.7833	1.0328	5531.56	3.7428
21:00:30	50.78	9884.25	10.8167	1.0341	5528.75	3.7426
21:04:30	50.78	9887.10	10.8833	1.0368	5525.90	3.7424
21:06:30	50.78	9887.48	10.9167	1.0381	5525.52	3.7424
21:07:30	50.78	9887.48	10.9333	1.0388	5525.52	3.7424
21:09:30	50.78	9891.07	10.9667	1.0401	5521.93	3.7421
21:13:30	50.78	9893.73	11.0333	1.0427	5519.27	3.7419
21:17:30	50.86	9898.48	11.1000	1.0453	5514.52	3.7415
21:21:30	50.86	9899.50	11.1667	1.0479	5513.50	3.7414
21:23:30	50.86	9900.97	11.2000	1.0492	5512.03	3.7413
21:24:30	50.86	9900.14	11.2167	1.0499	5512.86	3.7414
21:28:30	50.86	9902.63	11.2833	1.0524	5510.38	3.7412
21:29:30	50.86	9904.10	11.3000	1.0531	5508.90	3.7411
21:33:30	50.95	9905.08	11.3667	1.0556	5507.92	3.7410
21:35:30	50.95	9906.46	11.4000	1.0569	5506.54	3.7409
21:36:30	50.86	9907.78	11.4167	1.0575	5505.22	3.7408
21:37:30	50.95	9907.38	11.4333	1.0582	5505.62	3.7408
21:38:30	50.95	9908.85	11.4500	1.0588	5504.15	3.7407
21:39:30	50.95	9908.67	11.4667	1.0594	5504.33	3.7407
21:40:00	50.95	9910.42	11.4750	1.0598	5502.58	3.7406
21:41:00	50.95	9910.05	11.4917	1.0604	5502.95	3.7406
21:43:00	50.95	9912.26	11.5250	1.0616	5500.74	3.7404
21:44:00	50.95	9911.71	11.5417	1.0623	5501.29	3.7405
21:45:00	50.95	9915.11	11.5583	1.0629	5497.89	3.7402
21:47:00	50.95	9915.02	11.5917	1.0641	5497.98	3.7402
21:48:00	50.95	9914.75	11.6083	1.0648	5498.25	3.7402

TIME 21-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
21:49:00	50.95	9916.58	11.6250	1.0654	5496.42	3.7401
21:53:00	51.03	9917.48	11.6917	1.0679	5495.52	3.7400
21:57:00	51.03	9920.52	11.7583	1.0703	5492.48	3.7398
22:01:00	51.03	9925.49	11.8250	1.0728	5487.51	3.7394
22:01:30	51.03	9926.41	11.8333	1.0731	5486.59	3.7393
22:02:00	51.03	9924.57	11.8417	1.0734	5488.43	3.7394
22:03:00	51.03	9924.48	11.8583	1.0740	5488.52	3.7395
22:04:00	51.03	9926.50	11.8750	1.0746	5486.50	3.7393
22:06:00	51.03	9926.78	11.9083	1.0759	5486.22	3.7393
22:07:00	51.03	9926.50	11.9250	1.0765	5486.50	3.7393
22:09:00	51.03	9930.18	11.9583	1.0777	5482.82	3.7390
22:10:00	51.03	9931.65	11.9750	1.0783	5481.35	3.7389
22:14:00	51.03	9933.31	12.0417	1.0807	5479.69	3.7388
22:15:00	51.12	9934.76	12.0583	1.0813	5478.24	3.7386
22:19:00	51.12	9935.58	12.1250	1.0837	5477.42	3.7386
22:20:00	51.12	9936.88	12.1417	1.0843	5476.13	3.7385
22:22:00	51.12	9936.97	12.1750	1.0855	5476.03	3.7385
22:23:00	51.12	9936.51	12.1917	1.0861	5476.49	3.7385
22:24:00	51.20	9938.60	12.2083	1.0867	5474.40	3.7383
22:28:00	51.12	9939.82	12.2750	1.0890	5473.18	3.7382
22:32:00	51.20	9944.31	12.3417	1.0914	5468.69	3.7379
22:34:00	51.12	9944.15	12.3750	1.0925	5468.85	3.7379
22:34:30	51.20	9945.87	12.3833	1.0928	5467.13	3.7378
22:36:30	51.20	9946.61	12.4167	1.0940	5466.39	3.7377
22:38:30	51.20	9949.65	12.4500	1.0952	5463.35	3.7375
22:46:30	51.29	9951.83	12.5833	1.0998	5461.17	3.7373
22:48:30	51.20	9952.22	12.6167	1.1009	5460.78	3.7373
22:50:30	51.29	9954.60	12.6500	1.1021	5458.40	3.7371
22:54:30	51.20	9954.34	12.7167	1.1044	5458.66	3.7371
22:56:30	51.29	9955.33	12.7500	1.1055	5457.67	3.7370
22:58:30	51.29	9957.82	12.7833	1.1066	5455.18	3.7368
23:00:30	51.20	9957.84	12.8167	1.1078	5455.16	3.7368
23:04:30	51.29	9962.14	12.8833	1.1100	5450.86	3.7365
23:06:30	51.29	9965.18	12.9167	1.1112	5447.82	3.7362
23:08:30	51.29	9964.63	12.9500	1.1123	5448.37	3.7363
23:10:30	51.29	9967.02	12.9833	1.1134	5445.98	3.7361
23:18:30	51.29	9969.51	13.1167	1.1178	5443.49	3.7359
23:22:30	51.29	9970.15	13.1833	1.1200	5442.85	3.7358
23:38:30	51.46	9980.98	13.4500	1.1287	5432.02	3.7350
23:46:30	51.46	9986.97	13.5833	1.1330	5426.03	3.7345
23:50:30	51.46	9989.91	13.6500	1.1351	5423.09	3.7342
23:54:30	51.46	9991.11	13.7167	1.1372	5421.89	3.7342
23:56:30	51.46	9992.12	13.7500	1.1383	5420.88	3.7341
23:57:30	51.46	9991.38	13.7667	1.1388	5421.62	3.7341
00:01:30	51.46	9994.33	13.8333	1.1409	5418.67	3.7339
00:05:30	51.55	9995.70	13.9000	1.1430	5417.30	3.7338
00:09:30	51.55	9999.39	13.9667	1.1451	5413.61	3.7335
00:13:30	51.55	9999.29	14.0333	1.1472	5413.71	3.7335
00:14:30	51.55	10000.12	14.0500	1.1477	5412.88	3.7334
00:15:00	51.55	10000.86	14.0583	1.1479	5412.14	3.7334
00:16:00	51.55	10000.21	14.0750	1.1484	5412.79	3.7334
00:20:00	51.46	10004.28	14.1417	1.1505	5408.72	3.7331
00:28:00	51.55	10008.50	14.2750	1.1546	5404.50	3.7328
00:32:00	51.63	10010.51	14.3417	1.1566	5402.49	3.7326
00:33:00	51.63	10010.05	14.3583	1.1571	5402.95	3.7326
00:35:00	51.55	10012.27	14.3917	1.1581	5400.73	3.7325
00:37:00	51.63	10018.61	14.4250	1.1591	5394.39	3.7319
00:41:00	51.55	10019.82	14.4917	1.1611	5393.18	3.7318
00:43:00	51.63	10019.26	14.5250	1.1621	5393.74	3.7319
00:45:00	51.63	10020.64	14.5583	1.1631	5392.36	3.7318
00:47:00	51.63	10020.08	14.5917	1.1641	5392.92	3.7318
00:51:00	51.63	10022.57	14.6583	1.1661	5390.43	3.7316

TIME 22-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
00:53:00	51.63	10022.48	14.6917	1.1671	5390.52	3.7316
00:55:00	51.72	10024.50	14.7250	1.1681	5388.50	3.7315
00:55:30	51.63	10025.80	14.7333	1.1683	5387.20	3.7314
00:57:30	51.72	10025.60	14.7667	1.1693	5387.40	3.7314
00:58:30	51.63	10027.45	14.7833	1.1698	5385.55	3.7312
00:59:00	51.72	10026.98	14.7917	1.1700	5386.02	3.7313
01:00:00	51.72	10028.83	14.8083	1.1705	5384.17	3.7311
01:08:00	51.80	10030.21	14.9417	1.1744	5382.79	3.7310
01:10:00	51.72	10030.58	14.9750	1.1754	5382.42	3.7310
01:10:30	51.72	10031.96	14.9833	1.1756	5381.04	3.7309
01:14:30	51.72	10034.07	15.0500	1.1775	5378.93	3.7307
01:16:30	51.72	10032.97	15.0833	1.1785	5380.03	3.7308
01:17:00	51.72	9970.92	15.0917	1.1787	5442.08	3.7358
01:17:30	51.80	9918.26	15.1000	1.1790	5494.74	3.7399

## 2nd BUILD UP, POST GRAVEL PACK.

[134] T0=22-SEP-83 01:17:45

P0=9918.26 FT=012:30:00

TIME 22-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)	L(Horn)
01:19:00	52.14	15680.16	0.0208	-1.6812	5761.90	3.7606	2.7789
01:19:30	52.40	15694.75	0.0292	-1.5351	5776.49	3.7617	2.6330
01:20:00	52.57	15702.94	0.0375	-1.4260	5784.68	3.7623	2.5242
01:20:30	52.83	15708.99	0.0458	-1.3388	5790.73	3.7627	2.4373
01:21:30	53.25	15715.65	0.0625	-1.2041	5797.39	3.7632	2.3032
01:22:30	53.68	15720.53	0.0792	-1.1015	5802.27	3.7636	2.2011
01:24:30	54.27	15723.99	0.1125	-0.9488	5805.73	3.7639	2.0496
01:28:30	54.96	15722.35	0.1792	-0.7467	5804.09	3.7637	1.8498
01:32:30	55.21	15717.45	0.2458	-0.6094	5799.19	3.7634	1.7147
01:36:30	55.30	15714.06	0.3125	-0.5051	5795.80	3.7631	1.6128
01:40:30	55.30	15712.22	0.3792	-0.4212	5793.96	3.7630	1.5311
01:44:30	55.13	15711.61	0.4458	-0.3508	5793.35	3.7629	1.4630
01:45:00	55.21	15712.65	0.4542	-0.3428	5794.39	3.7630	1.4552
02:17:00	54.36	15715.60	0.9875	-0.0055	5797.34	3.7632	1.1354
02:25:00	54.36	15715.79	1.1208	0.0495	5797.53	3.7632	1.0847
02:29:00	54.27	15715.78	1.1875	0.0746	5797.52	3.7632	1.0617
02:30:00	54.27	15716.06	1.2042	0.0807	5797.80	3.7633	1.0562
02:30:30	54.27	15714.96	1.2125	0.0837	5796.70	3.7632	1.0534
02:32:30	54.19	15716.06	1.2458	0.0955	5797.80	3.7633	1.0427
02:40:30	54.10	15715.14	1.3792	0.1396	5796.88	3.7632	1.0027
02:56:30	54.19	15718.46	1.6458	0.2164	5800.20	3.7634	0.9342
02:58:30	54.10	15717.54	1.6792	0.2251	5799.28	3.7634	0.9266
02:59:30	54.19	15718.27	1.6958	0.2294	5800.01	3.7634	0.9228
03:00:30	54.19	15717.17	1.7125	0.2336	5798.91	3.7633	0.9190
03:02:30	54.19	15718.36	1.7458	0.2420	5800.10	3.7634	0.9117
03:04:30	54.19	15717.44	1.7792	0.2502	5799.18	3.7634	0.9045
03:06:30	54.19	15718.36	1.8125	0.2583	5800.10	3.7634	0.8974
03:22:30	54.19	15717.81	2.0792	0.3179	5799.55	3.7634	0.8458
03:38:30	54.19	15719.10	2.3458	0.3703	5800.84	3.7635	0.8013
03:46:30	54.19	15718.46	2.4792	0.3943	5800.20	3.7634	0.7812
03:54:30	54.27	15720.30	2.6125	0.4171	5802.04	3.7636	0.7623
03:56:30	54.19	15719.84	2.6458	0.4226	5801.58	3.7635	0.7577
03:57:30	54.27	15720.86	2.6625	0.4253	5802.60	3.7636	0.7555
04:05:30	54.19	15720.02	2.7958	0.4465	5801.76	3.7636	0.7381
04:09:30	54.19	15720.67	2.8625	0.4567	5802.41	3.7636	0.7297
04:10:00	54.19	15719.47	2.8708	0.4580	5801.21	3.7635	0.7287
04:11:00	54.27	15721.04	2.8875	0.4605	5802.78	3.7636	0.7266
04:13:00	54.27	15720.03	2.9208	0.4655	5801.77	3.7636	0.7226
04:45:00	54.27	15721.32	3.4542	0.5383	5803.06	3.7637	0.6645
05:01:00	54.27	15720.86	3.7208	0.5706	5802.60	3.7636	0.6394
05:05:00	54.27	15721.23	3.7875	0.5784	5802.97	3.7637	0.6335
05:05:30	54.19	15720.30	3.7958	0.5793	5802.04	3.7636	0.6328
05:09:30	54.27	15721.78	3.8625	0.5869	5803.52	3.7637	0.6270
05:17:30	54.27	15720.49	3.9958	0.6016	5802.23	3.7636	0.6158
05:49:30	54.36	15721.23	4.5292	0.6560	5802.97	3.7637	0.5752
05:57:30	54.44	15721.33	4.6625	0.6686	5803.07	3.7637	0.5660
06:01:30	54.36	15720.31	4.7292	0.6748	5802.05	3.7636	0.5615
07:05:30	54.53	15722.82	5.7958	0.7631	5804.56	3.7638	0.4992
07:21:30	54.53	15721.89	6.0625	0.7827	5803.63	3.7637	0.4860
07:25:30	54.44	15722.53	6.1292	0.7874	5804.27	3.7637	0.4828
07:26:00	54.53	15721.80	6.1375	0.7880	5803.54	3.7637	0.4824
07:42:00	54.53	15722.82	6.4042	0.8065	5804.56	3.7638	0.4701
07:44:00	54.53	15723.37	6.4375	0.8087	5805.11	3.7638	0.4686
07:45:00	54.53	15723.37	6.4542	0.8098	5805.11	3.7638	0.4679

ACID JOB. ( 10 Bbls OF 15 % HCl )

[138] START TIME:22-SEP-83 07:45:00

	SDT	SDP
22-SEP-83	degC	kPa
07:47:00	54.53	15719.86
07:47:30	54.53	15852.45
07:48:00	54.53	15849.86
07:48:30	54.44	15894.97
07:49:00	54.36	16664.01
07:49:30	54.36	17813.83
07:50:00	54.27	18307.82
07:50:30	54.19	18920.22
07:51:00	54.02	19549.64
07:51:30	53.85	20361.34
07:52:00	53.76	20893.03
07:52:30	53.51	21100.34
07:53:00	53.34	21166.15
07:53:30	53.08	21405.03
07:54:00	52.83	21612.61
07:54:30	52.57	21631.63
07:55:00	52.31	21720.47
07:55:30	51.89	21768.27
07:56:00	51.55	19024.03
07:56:30	51.29	16422.02
07:57:00	50.95	15763.30
07:57:30	50.52	15643.46
07:58:00	50.26	15526.12
07:58:30	50.01	15479.65
07:59:00	49.75	15454.79
07:59:30	49.58	15440.41
08:00:00	49.41	15430.20
08:00:30	49.24	15422.03
08:01:00	49.07	15415.72
08:02:00	48.64	15408.37
08:02:30	48.64	15405.42
08:03:00	48.55	15404.22
08:03:30	48.38	15077.40
08:04:00	48.38	15344.74
08:04:30	48.30	15365.87
08:05:00	48.21	15369.47
08:05:30	48.21	15371.41
08:07:30	48.04	15374.85
08:11:30	48.21	15377.03
08:15:30	48.47	15381.26
08:17:30	48.55	15381.63
08:18:30	48.72	15383.29
08:34:30	49.67	15388.62
08:36:30	49.84	15390.09
08:37:30	49.84	15390.55
08:38:30	49.84	15388.43
08:46:30	50.26	15388.88
09:02:30	50.86	15392.32
09:10:30	51.03	15393.96
09:11:00	51.03	15393.77
09:11:30	51.03	15388.15
09:12:00	51.12	15332.71

## 3rd DRAW DOWN, POST ACID JOB.

[142] T0=22-SEP-83 09:12:00

P0=15332.7

TIME 22-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
09:13:30	51.12	14211.46	0.0250	-1.6021	1121.24	3.0497
09:14:00	51.29	14399.72	0.0333	-1.4771	932.98	2.9699
09:14:30	51.46	14460.67	0.0417	-1.3802	872.03	2.9405
09:15:00	51.55	14475.07	0.0500	-1.3010	857.63	2.9333
09:15:30	51.89	14450.95	0.0583	-1.2341	881.75	2.9453
09:16:00	52.14	14421.42	0.0667	-1.1761	911.28	2.9597
09:16:30	52.40	14385.72	0.0750	-1.1249	946.98	2.9763
09:17:00	52.66	14341.21	0.0833	-1.0792	991.49	2.9963
09:17:30	52.83	14292.15	0.0917	-1.0378	1040.55	3.0173
09:18:30	53.34	14192.89	0.1083	-0.9652	1139.81	3.0568
09:19:00	53.59	14145.05	0.1167	-0.9331	1187.65	3.0747
09:19:30	53.85	14090.04	0.1250	-0.9031	1242.66	3.0944
09:20:00	54.10	14016.98	0.1333	-0.8751	1315.72	3.1192
09:20:30	54.27	13976.77	0.1417	-0.8487	1355.93	3.1322
09:21:00	54.44	13954.82	0.1500	-0.8239	1377.88	3.1392
09:21:30	54.70	13838.11	0.1583	-0.8004	1494.59	3.1745
09:22:00	54.87	13544.58	0.1667	-0.7782	1788.12	3.2524
09:22:30	55.13	13324.76	0.1750	-0.7570	2007.94	3.3027
09:23:00	55.30	13163.30	0.1833	-0.7368	2169.40	3.3363
09:23:30	55.47	13058.55	0.1917	-0.7175	2274.15	3.3568
09:24:00	55.64	12974.92	0.2000	-0.6990	2357.78	3.3725
09:24:30	55.81	12911.11	0.2083	-0.6812	2421.59	3.3841
09:25:00	55.98	12811.18	0.2167	-0.6642	2521.52	3.4017
09:25:30	56.15	12729.14	0.2250	-0.6478	2603.56	3.4156
09:26:00	56.23	12662.56	0.2333	-0.6320	2670.14	3.4265
09:26:30	56.32	12627.30	0.2417	-0.6168	2705.40	3.4322
09:27:00	56.49	12597.46	0.2500	-0.6021	2735.24	3.4370
09:27:30	56.57	12578.62	0.2583	-0.5878	2754.08	3.4400
09:28:00	56.65	12568.54	0.2667	-0.5740	2764.16	3.4416
09:28:30	56.74	12563.53	0.2750	-0.5607	2769.17	3.4423
09:29:00	56.74	12560.30	0.2833	-0.5477	2772.40	3.4429
09:29:30	56.91	12555.64	0.2917	-0.5351	2777.06	3.4436
09:30:00	56.91	12558.31	0.3000	-0.5229	2774.39	3.4432
09:32:00	57.16	12581.47	0.3333	-0.4771	2751.23	3.4395
09:32:30	57.16	12587.46	0.3417	-0.4664	2745.24	3.4386
09:33:30	57.16	12603.31	0.3583	-0.4457	2729.39	3.4361
09:34:00	57.25	12609.10	0.3667	-0.4357	2723.60	3.4351
09:34:30	57.16	12625.25	0.3750	-0.4260	2707.45	3.4326
09:35:00	57.25	13095.15	0.3833	-0.4164	2237.55	3.3498
09:35:30	57.33	13547.90	0.3917	-0.4071	1784.80	3.2516
09:36:00	57.42	13794.72	0.4000	-0.3979	1537.98	3.1870
09:36:30	57.50	13925.47	0.4083	-0.3890	1407.23	3.1484
09:37:00	57.59	13975.07	0.4167	-0.3802	1357.63	3.1328
09:37:30	57.67	13982.72	0.4250	-0.3716	1349.98	3.1303
09:38:00	57.76	13970.18	0.4333	-0.3632	1362.52	3.1343
09:38:30	57.84	13945.66	0.4417	-0.3549	1387.04	3.1421
09:39:00	57.84	13911.17	0.4500	-0.3468	1421.53	3.1528
09:39:30	58.01	13875.03	0.4583	-0.3388	1457.67	3.1637
09:40:00	58.10	13835.39	0.4667	-0.3310	1497.31	3.1753
09:40:30	58.18	13802.02	0.4750	-0.3233	1530.68	3.1849
09:41:00	58.18	13777.49	0.4833	-0.3158	1555.21	3.1918
09:41:30	58.35	13767.19	0.4917	-0.3083	1565.51	3.1947
09:42:00	58.35	13764.33	0.5000	-0.3010	1568.37	3.1954
09:42:30	58.44	13771.91	0.5083	-0.2939	1560.79	3.1933
09:43:00	58.52	13790.37	0.5167	-0.2868	1542.33	3.1882
09:44:00	58.69	13835.33	0.5333	-0.2730	1497.37	3.1753
09:44:30	58.69	13855.34	0.5417	-0.2663	1477.36	3.1695
09:45:00	58.78	13872.97	0.5500	-0.2596	1459.73	3.1643
09:45:30	58.78	13886.99	0.5583	-0.2531	1445.71	3.1601
09:46:00	58.86	13898.73	0.5667	-0.2467	1433.97	3.1565

TIME 22-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
09:46:30	58.94	13907.89	0.5750	-0.2403	1424.81	3.1538
09:48:30	59.11	13932.40	0.6083	-0.2159	1400.30	3.1462
09:49:30	59.20	13946.08	0.6250	-0.2041	1386.62	3.1420
09:50:00	59.20	13954.01	0.6333	-0.1984	1378.69	3.1395
09:51:00	59.28	13975.17	0.6500	-0.1871	1357.53	3.1327
09:51:30	59.37	13989.69	0.6583	-0.1816	1343.01	3.1281
09:52:00	59.37	14007.12	0.6667	-0.1761	1325.58	3.1224
09:53:00	59.54	14038.20	0.6833	-0.1654	1294.50	3.1121
09:53:30	59.45	14052.35	0.6917	-0.1601	1280.35	3.1073
09:54:30	59.62	14071.91	0.7083	-0.1498	1260.79	3.1006
09:55:30	59.71	14087.91	0.7250	-0.1397	1244.79	3.0951
09:56:30	59.71	14100.36	0.7417	-0.1298	1232.34	3.0907
09:57:30	59.79	14107.79	0.7583	-0.1201	1224.91	3.0881
09:58:00	59.79	14111.30	0.7667	-0.1154	1221.40	3.0869
10:00:00	59.88	14115.04	0.8000	-0.0969	1217.66	3.0855
10:01:00	59.96	14118.14	0.8167	-0.0880	1214.56	3.0844
10:02:00	60.05	14125.85	0.8333	-0.0792	1206.85	3.0817
10:02:30	59.96	14124.60	0.8417	-0.0749	1208.10	3.0821
10:03:00	59.96	14127.45	0.8500	-0.0706	1205.25	3.0811
10:03:30	59.96	14128.01	0.8583	-0.0663	1204.69	3.0809
10:04:00	60.05	14124.84	0.8667	-0.0621	1207.86	3.0820
10:05:00	60.13	14110.14	0.8833	-0.0539	1222.56	3.0873
10:06:00	60.13	14090.31	0.9000	-0.0458	1242.39	3.0943
10:07:00	60.13	14073.89	0.9167	-0.0378	1258.81	3.1000
10:07:30	60.13	14067.53	0.9250	-0.0339	1265.17	3.1021
10:08:30	60.21	14059.01	0.9417	-0.0261	1273.69	3.1051
10:09:00	60.21	14056.25	0.9500	-0.0223	1276.45	3.1060
10:10:00	60.21	14054.03	0.9667	-0.0147	1278.67	3.1068
10:12:00	60.21	14058.65	1.0000	0.0000	1274.05	3.1052
10:14:00	60.30	14070.42	1.0333	0.0142	1262.28	3.1012
10:15:00	60.21	14074.14	1.0500	0.0212	1258.56	3.0999
10:16:00	60.30	14076.88	1.0667	0.0280	1255.82	3.0989
10:17:00	60.30	14076.88	1.0833	0.0348	1255.82	3.0989
10:19:00	60.30	14068.21	1.1167	0.0479	1264.49	3.1019
10:20:00	60.38	14062.65	1.1333	0.0544	1270.05	3.1038
10:22:00	60.38	14055.64	1.1667	0.0669	1277.06	3.1062
10:24:00	60.38	14052.59	1.2000	0.0792	1280.11	3.1072
10:25:00	60.38	14049.74	1.2167	0.0852	1282.96	3.1082
10:27:00	60.38	14048.72	1.2500	0.0969	1283.98	3.1086
10:27:30	60.47	14049.16	1.2583	0.0998	1283.54	3.1084
10:28:00	60.38	14050.47	1.2667	0.1027	1282.23	3.1080
10:28:30	60.38	14054.35	1.2750	0.1055	1278.35	3.1067
10:29:00	60.38	14060.16	1.2833	0.1083	1272.54	3.1047
10:30:00	60.38	14069.01	1.3000	0.1139	1263.69	3.1016
10:30:30	60.47	14076.27	1.3083	0.1167	1256.43	3.0991
10:31:00	60.47	14084.85	1.3167	0.1195	1247.85	3.0962
10:33:00	60.47	14110.67	1.3500	0.1303	1222.03	3.0871
10:33:30	60.38	14116.23	1.3583	0.1330	1216.47	3.0851
10:34:30	60.47	14124.14	1.3750	0.1383	1208.56	3.0823
10:35:00	60.55	14129.83	1.3833	0.1409	1202.87	3.0802
10:37:00	60.55	14139.43	1.4167	0.1513	1193.27	3.0767
10:37:30	60.55	14140.53	1.4250	0.1538	1192.17	3.0763
10:38:30	60.55	14139.43	1.4417	0.1589	1193.27	3.0767
10:39:30	60.55	14141.46	1.4583	0.1639	1191.24	3.0760
10:40:30	60.55	14139.89	1.4750	0.1688	1192.81	3.0766
10:42:30	60.64	14134.70	1.5083	0.1785	1198.00	3.0785
10:43:30	60.55	14135.00	1.5250	0.1833	1197.70	3.0783
10:45:30	60.55	14125.41	1.5583	0.1927	1207.29	3.0818
10:46:30	60.64	14120.04	1.5750	0.1973	1212.66	3.0837
10:47:30	60.64	14120.22	1.5917	0.2019	1212.48	3.0837
10:48:00	60.64	14120.13	1.6000	0.2041	1212.57	3.0837
10:49:00	60.64	14126.77	1.6167	0.2086	1205.93	3.0813

TIME 22-SEP-83	SIT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
10:51:00	60.64	14146.23	1.6500	0.2175	1186.47	3.0743
10:52:00	60.64	14157.95	1.6667	0.2218	1174.75	3.0699
10:53:00	60.72	14168.07	1.6833	0.2262	1164.63	3.0662
10:55:00	60.64	14182.02	1.7167	0.2347	1150.68	3.0610
10:56:00	60.72	14188.82	1.7333	0.2389	1143.88	3.0584
10:58:00	60.72	14188.36	1.7667	0.2472	1144.34	3.0586
10:58:30	60.72	14188.46	1.7750	0.2492	1144.24	3.0585
11:00:30	60.81	14181.24	1.8083	0.2573	1151.46	3.0612
11:01:30	60.72	14173.70	1.8250	0.2613	1159.00	3.0641
11:03:30	60.81	14164.37	1.8583	0.2691	1168.33	3.0676
11:05:30	60.81	14160.95	1.8917	0.2768	1171.75	3.0688
11:06:00	60.81	14159.94	1.9000	0.2788	1172.76	3.0692
11:06:30	60.81	14162.71	1.9083	0.2807	1169.99	3.0682
11:07:00	60.81	14162.71	1.9167	0.2825	1169.99	3.0682
11:09:00	60.81	14182.35	1.9500	0.2900	1150.35	3.0608
11:09:30	60.81	14185.85	1.9583	0.2919	1146.85	3.0595
11:10:30	60.81	14197.66	1.9750	0.2956	1135.04	3.0550
11:11:00	60.89	14203.64	1.9833	0.2974	1129.06	3.0527
11:11:30	60.81	14206.14	1.9917	0.2992	1126.56	3.0518
11:12:30	60.81	14215.09	2.0083	0.3028	1117.61	3.0483
11:13:30	60.89	14221.08	2.0250	0.3064	1111.63	3.0460
11:14:00	60.81	14223.03	2.0333	0.3082	1109.67	3.0452
11:15:00	60.89	14223.20	2.0500	0.3118	1109.50	3.0451
11:15:30	60.89	14222.46	2.0583	0.3135	1110.24	3.0454
11:17:30	60.89	14214.25	2.0917	0.3205	1118.45	3.0486
11:18:00	60.89	14211.21	2.1000	0.3222	1121.50	3.0498
11:19:00	60.89	14208.72	2.1167	0.3257	1123.98	3.0508
11:19:30	60.89	14208.17	2.1250	0.3274	1124.54	3.0510
11:20:30	60.89	14202.63	2.1417	0.3308	1130.07	3.0531
11:21:00	60.98	14203.45	2.1500	0.3324	1129.25	3.0528
11:22:00	60.89	14200.60	2.1667	0.3358	1132.10	3.0539
11:23:00	60.98	14196.34	2.1833	0.3391	1136.36	3.0555
11:25:00	60.98	14193.39	2.2167	0.3457	1139.31	3.0566
11:26:00	60.98	14196.99	2.2333	0.3490	1135.71	3.0553
11:26:30	60.98	14200.77	2.2417	0.3506	1131.93	3.0538
11:28:30	60.89	14218.40	2.2750	0.3570	1114.30	3.0470
11:29:30	60.98	14227.79	2.2917	0.3602	1104.91	3.0433
11:30:30	60.98	14238.77	2.3083	0.3633	1093.93	3.0390
11:31:00	60.98	14241.63	2.3167	0.3649	1091.07	3.0379
11:32:00	60.98	14250.48	2.3333	0.3680	1082.22	3.0343
11:34:00	60.98	14258.23	2.3667	0.3741	1074.47	3.0312
11:35:00	61.06	14261.64	2.3833	0.3772	1071.06	3.0298
11:37:00	61.06	14262.28	2.4167	0.3832	1070.42	3.0296
11:37:30	60.98	14262.94	2.4250	0.3847	1069.76	3.0293
11:38:30	61.06	14260.71	2.4417	0.3877	1071.99	3.0302
11:40:30	61.14	14262.37	2.4750	0.3936	1070.33	3.0295
11:42:30	61.06	14254.26	2.5083	0.3994	1078.44	3.0328
11:43:00	61.06	14250.20	2.5167	0.4008	1082.50	3.0344
11:44:00	61.14	14249.17	2.5333	0.4037	1083.53	3.0348
11:44:30	61.06	14247.71	2.5417	0.4051	1084.99	3.0354
11:45:00	61.14	14250.47	2.5500	0.4065	1082.23	3.0343
11:45:30	61.14	14061.11	2.5583	0.4080	1271.59	3.1043
11:46:00	61.06	13698.59	2.5667	0.4094	1634.11	3.2133
11:46:30	61.06	13430.33	2.5750	0.4108	1902.37	3.2793
11:47:00	60.98	13311.31	2.5833	0.4122	2021.39	3.3057
11:47:30	60.89	13259.23	2.5917	0.4136	2073.47	3.3167
11:48:00	60.81	13232.14	2.6000	0.4150	2100.56	3.3223
11:48:30	60.81	13225.04	2.6083	0.4164	2107.66	3.3238
11:49:30	60.64	13233.10	2.6250	0.4191	2099.60	3.3221
11:50:30	60.47	13236.47	2.6417	0.4219	2096.23	3.3214
11:51:00	60.47	13237.76	2.6500	0.4232	2094.94	3.3212
11:51:30	60.38	13237.05	2.6583	0.4246	2095.65	3.3213



TIME 22-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
11:53:30	60.13	13226.54	2.6917	0.4300	2106.16	3.3235
11:55:30	59.96	13225.42	2.7250	0.4354	2107.28	3.3237
11:56:00	59.88	13225.82	2.7333	0.4367	2106.88	3.3236
11:57:00	59.79	13224.02	2.7500	0.4393	2108.68	3.3240
11:59:00	59.71	13215.86	2.7833	0.4446	2116.84	3.3257
11:59:30	59.62	13214.24	2.7917	0.4459	2118.46	3.3260
12:01:30	59.54	13213.83	2.8250	0.4510	2118.87	3.3261
12:02:30	59.54	13217.43	2.8417	0.4536	2115.27	3.3254
12:03:30	59.45	13218.77	2.8583	0.4561	2113.93	3.3251
12:04:00	59.45	13220.34	2.8667	0.4574	2112.36	3.3248
12:05:00	59.37	13228.60	2.8833	0.4599	2104.10	3.3231
12:06:00	59.37	13233.67	2.9000	0.4624	2099.03	3.3220
12:07:00	59.37	13235.60	2.9167	0.4649	2097.10	3.3216
12:08:00	59.37	13240.95	2.9333	0.4674	2091.75	3.3205
12:09:00	59.28	13243.76	2.9500	0.4698	2088.94	3.3199
12:09:30	59.28	13244.96	2.9583	0.4710	2087.74	3.3197
12:10:00	59.28	13248.10	2.9667	0.4723	2084.60	3.3190
12:12:00	59.28	13249.67	3.0000	0.4771	2083.03	3.3187
12:16:00	59.28	13241.92	3.0667	0.4867	2090.78	3.3203
12:16:30	59.20	13240.87	3.0750	0.4878	2091.83	3.3205
12:17:00	59.28	13243.12	3.0833	0.4890	2089.58	3.3201
12:17:30	59.28	13243.40	3.0917	0.4902	2089.30	3.3200
12:18:00	59.28	13242.01	3.1000	0.4914	2090.69	3.3203
12:19:00	59.20	13241.79	3.1167	0.4937	2090.91	3.3203
12:19:30	59.28	13241.74	3.1250	0.4949	2090.96	3.3203
12:21:30	59.28	13250.86	3.1583	0.4995	2081.84	3.3184
12:23:30	59.28	13262.39	3.1917	0.5040	2070.31	3.3160
12:25:30	59.20	13271.85	3.2250	0.5085	2060.85	3.3140
12:26:00	59.20	13275.90	3.2333	0.5097	2056.80	3.3132
12:27:00	59.28	13278.80	3.2500	0.5119	2053.90	3.3126
12:27:30	59.28	13281.84	3.2583	0.5130	2050.86	3.3119
12:28:30	59.28	13285.26	3.2750	0.5152	2047.44	3.3112
12:29:30	59.28	13283.23	3.2917	0.5174	2049.47	3.3116
12:30:30	59.37	13283.36	3.3083	0.5196	2049.34	3.3116
12:31:30	59.28	13280.64	3.3250	0.5218	2052.06	3.3122
12:32:00	59.28	13279.08	3.3333	0.5229	2053.62	3.3125
12:32:30	59.28	13280.18	3.3417	0.5240	2052.52	3.3123
12:33:00	59.28	13278.71	3.3500	0.5250	2053.99	3.3126
12:33:30	59.37	13280.13	3.3583	0.5261	2052.57	3.3123
12:34:30	59.28	13278.43	3.3750	0.5283	2054.27	3.3127
12:35:00	59.28	13276.86	3.3833	0.5293	2055.84	3.3130
12:36:00	59.37	13278.38	3.4000	0.5315	2054.32	3.3127
12:37:00	59.37	13277.37	3.4167	0.5336	2055.33	3.3129
12:39:00	59.37	13283.27	3.4500	0.5378	2049.43	3.3116
12:41:00	59.37	13296.17	3.4833	0.5420	2036.53	3.3089
12:42:00	59.28	13302.59	3.5000	0.5441	2030.11	3.3075
12:44:00	59.37	13312.58	3.5333	0.5482	2020.12	3.3054
12:45:00	59.45	13317.05	3.5500	0.5502	2015.65	3.3044
12:47:00	59.45	13322.03	3.5833	0.5543	2010.67	3.3033
12:48:00	59.37	13325.68	3.6000	0.5563	2007.02	3.3026
12:50:00	59.37	13328.63	3.6333	0.5603	2004.07	3.3019
12:51:00	59.45	13332.36	3.6500	0.5623	2000.34	3.3011
12:51:30	59.37	13333.51	3.6583	0.5633	1999.19	3.3009
12:52:30	59.45	13334.02	3.6750	0.5653	1998.68	3.3007
12:53:30	59.45	13329.87	3.6917	0.5672	2002.83	3.3016
12:54:00	59.45	13327.47	3.7000	0.5682	2005.23	3.3022
12:55:00	59.45	13326.83	3.7167	0.5702	2005.87	3.3023
12:56:00	59.45	13323.23	3.7333	0.5721	2009.47	3.3031
12:58:00	59.45	13321.39	3.7667	0.5760	2011.31	3.3035
12:59:00	59.54	13322.35	3.7833	0.5779	2010.35	3.3033
13:00:00	59.45	13318.90	3.8000	0.5798	2013.80	3.3040
13:02:00	59.54	13324.65	3.8333	0.5836	2008.05	3.3028

TIME 22-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
13:02:30	59.45	13326.64	3.8417	0.5845	2006.06	3.3023
13:03:00	59.45	13326.83	3.8500	0.5855	2005.87	3.3023
13:05:00	59.54	13339.68	3.8833	0.5892	1993.02	3.2995
13:05:30	59.54	13341.34	3.8917	0.5901	1991.36	3.2991
13:06:00	59.45	13344.81	3.9000	0.5911	1987.89	3.2984
13:07:00	59.45	13348.77	3.9167	0.5929	1983.93	3.2975
13:07:30	59.45	13352.18	3.9250	0.5938	1980.52	3.2968
13:08:30	59.54	13356.46	3.9417	0.5957	1976.24	3.2958
13:09:30	59.54	13356.83	3.9583	0.5975	1975.87	3.2958
13:11:30	59.54	13353.05	3.9917	0.6012	1979.65	3.2966
13:12:00	59.54	13352.87	4.0000	0.6021	1979.83	3.2966
13:13:00	59.62	13350.15	4.0167	0.6039	1982.55	3.2972
13:14:00	59.54	13350.01	4.0333	0.6057	1982.69	3.2973
13:15:00	59.62	13348.39	4.0500	0.6075	1984.31	3.2976
13:17:00	59.54	13347.98	4.0833	0.6110	1984.72	3.2977
13:18:00	59.62	13345.54	4.1000	0.6128	1987.16	3.2982
13:19:00	59.62	13346.00	4.1167	0.6145	1986.70	3.2981
13:20:00	59.62	13349.04	4.1333	0.6163	1983.66	3.2975
13:24:00	59.62	13371.91	4.2000	0.6232	1960.79	3.2924
13:25:00	59.62	13376.06	4.2167	0.6250	1956.64	3.2915
13:25:30	59.62	13376.98	4.2250	0.6258	1955.72	3.2913
13:26:00	59.62	13380.02	4.2333	0.6267	1952.68	3.2906
13:28:00	59.71	13386.61	4.2667	0.6301	1946.09	3.2892
13:29:00	59.71	13386.71	4.2833	0.6318	1945.99	3.2891
13:29:30	59.62	13388.41	4.2917	0.6326	1944.29	3.2888
13:30:00	59.71	13387.72	4.3000	0.6335	1944.98	3.2889
13:32:00	59.62	13386.75	4.3333	0.6368	1945.95	3.2891
13:36:00	59.79	13379.19	4.4000	0.6435	1953.51	3.2908
13:37:00	59.71	13378.68	4.4167	0.6451	1954.02	3.2909
13:39:00	59.71	13383.85	4.4500	0.6484	1948.85	3.2898
13:41:00	59.79	13396.71	4.4833	0.6516	1935.99	3.2869
13:41:30	59.79	13399.20	4.4917	0.6524	1933.50	3.2863
13:42:00	59.79	13394.78	4.5000	0.6532	1937.92	3.2873
13:43:00	59.71	13398.05	4.5167	0.6548	1934.65	3.2866
13:44:00	59.71	13404.78	4.5333	0.6564	1927.92	3.2851
13:45:00	59.79	13408.61	4.5500	0.6580	1924.09	3.2842
13:45:30	59.71	13410.22	4.5583	0.6588	1922.48	3.2839
13:46:00	59.79	13409.53	4.5667	0.6596	1923.17	3.2840
13:46:30	59.71	13410.77	4.5750	0.6604	1921.93	3.2837
13:47:30	59.79	13408.52	4.5917	0.6620	1924.18	3.2842
13:48:00	59.71	13407.27	4.6000	0.6628	1925.43	3.2845
13:48:30	59.71	13409.02	4.6083	0.6635	1923.68	3.2841
13:50:30	59.88	13401.93	4.6417	0.6667	1930.77	3.2857
13:51:00	59.79	13401.69	4.6500	0.6675	1931.01	3.2858
13:51:30	59.79	13398.37	4.6583	0.6682	1934.33	3.2865
13:53:30	59.79	13399.94	4.6917	0.6713	1932.76	3.2862
13:54:00	59.88	13397.96	4.7000	0.6721	1934.74	3.2866
13:54:30	59.88	13397.69	4.7083	0.6729	1935.01	3.2867
13:55:00	59.88	13399.44	4.7167	0.6736	1933.26	3.2863
13:56:00	59.79	13399.48	4.7333	0.6752	1933.22	3.2863
13:57:00	59.88	13402.02	4.7500	0.6767	1930.68	3.2857
13:57:30	59.79	13402.25	4.7583	0.6775	1930.45	3.2857
13:59:30	59.79	13411.65	4.7917	0.6805	1921.05	3.2835
14:00:30	59.88	13416.87	4.8083	0.6820	1915.83	3.2824
14:01:30	59.88	13423.69	4.8250	0.6835	1909.01	3.2808
14:02:00	59.88	13425.90	4.8333	0.6842	1906.80	3.2803
14:04:00	59.88	13430.51	4.8667	0.6872	1902.19	3.2793
14:05:00	59.88	13433.46	4.8833	0.6887	1899.24	3.2786
14:06:00	59.88	13433.19	4.9000	0.6902	1899.51	3.2786
14:06:30	59.88	13435.40	4.9083	0.6909	1897.30	3.2781
14:07:30	59.96	13435.36	4.9250	0.6924	1897.34	3.2781
14:08:00	59.88	13434.02	4.9333	0.6931	1898.68	3.2785

TIME 22-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
14:08:30	59.96	13435.55	4.9417	0.6939	1897.15	3.2781
14:09:00	59.96	13433.70	4.9500	0.6946	1899.00	3.2785
14:10:00	59.96	13434.44	4.9667	0.6961	1898.26	3.2784
14:11:00	59.96	13433.61	4.9833	0.6975	1899.09	3.2785
14:12:00	59.96	13429.46	5.0000	0.6990	1903.24	3.2795
14:12:30	59.96	13426.42	5.0083	0.6997	1906.28	3.2802
14:14:30	59.96	13422.91	5.0417	0.7026	1909.79	3.2810
14:16:30	59.96	13429.92	5.0750	0.7054	1902.78	3.2794
14:18:30	59.96	13439.70	5.1083	0.7083	1893.00	3.2772
14:19:30	59.96	13442.00	5.1250	0.7097	1890.70	3.2766
14:20:00	59.96	13442.92	5.1333	0.7104	1889.78	3.2764
14:20:30	60.05	13447.40	5.1417	0.7111	1885.30	3.2754
14:21:30	59.96	13451.13	5.1583	0.7125	1881.57	3.2745
14:22:30	60.05	13451.28	5.1750	0.7139	1881.42	3.2745
14:23:00	60.05	13453.67	5.1833	0.7146	1879.03	3.2739
14:24:00	60.05	13451.18	5.2000	0.7160	1881.52	3.2745
14:24:30	60.05	13451.92	5.2083	0.7167	1880.78	3.2743
14:26:30	59.96	13444.31	5.2417	0.7195	1888.39	3.2761
14:27:30	60.05	13441.13	5.2583	0.7208	1891.57	3.2768
14:28:30	59.96	13440.34	5.2750	0.7222	1892.36	3.2770
14:30:30	60.05	13437.81	5.3083	0.7250	1894.89	3.2776
14:31:00	60.05	13436.25	5.3167	0.7256	1896.45	3.2779
14:33:00	60.05	13435.88	5.3500	0.7284	1896.82	3.2780
14:34:00	60.05	13438.74	5.3667	0.7297	1893.96	3.2774
14:34:30	60.05	13439.38	5.3750	0.7304	1893.32	3.2772
14:35:00	60.05	13443.62	5.3833	0.7311	1889.08	3.2762
14:36:00	60.05	13446.85	5.4000	0.7324	1885.85	3.2755
14:36:30	60.05	13451.18	5.4083	0.7331	1881.52	3.2745
14:38:30	60.05	13458.01	5.4417	0.7357	1874.69	3.2729
14:39:30	60.05	13463.72	5.4583	0.7371	1868.98	3.2716
14:40:30	60.05	13465.29	5.4750	0.7384	1867.41	3.2712
14:41:00	60.13	13468.30	5.4833	0.7390	1864.40	3.2705
14:43:00	60.13	13470.79	5.5167	0.7417	1861.91	3.2700
14:45:00	60.13	13468.57	5.5500	0.7443	1864.13	3.2705
14:46:00	60.13	13467.38	5.5667	0.7456	1865.32	3.2708
14:47:00	60.13	13462.68	5.5833	0.7469	1870.02	3.2718
14:47:30	60.13	13461.57	5.5917	0.7475	1871.13	3.2721
14:48:00	60.13	13458.25	5.6000	0.7482	1874.45	3.2729
14:48:30	60.05	13458.28	5.6083	0.7488	1874.42	3.2729
14:49:00	60.13	13456.96	5.6167	0.7495	1875.74	3.2732
14:51:00	60.13	13456.13	5.6500	0.7520	1876.57	3.2734
14:51:30	60.13	13455.67	5.6583	0.7527	1877.03	3.2735
14:52:00	60.13	13457.51	5.6667	0.7533	1875.19	3.2730
14:53:00	60.13	13463.69	5.6833	0.7546	1869.01	3.2716
14:53:30	60.13	13466.64	5.6917	0.7552	1866.06	3.2709
14:54:30	60.13	13469.68	5.7083	0.7565	1863.02	3.2702
14:56:30	60.21	13479.42	5.7417	0.7590	1853.28	3.2679
14:57:30	60.21	13482.93	5.7583	0.7603	1849.77	3.2671
14:58:30	60.21	13483.11	5.7750	0.7616	1849.59	3.2671
14:59:30	60.13	13487.02	5.7917	0.7628	1845.68	3.2662
15:00:30	60.21	13487.91	5.8083	0.7641	1844.79	3.2659
15:01:30	60.21	13485.88	5.8250	0.7653	1846.82	3.2664
15:02:00	60.21	13485.70	5.8333	0.7659	1847.00	3.2665
15:02:30	60.13	13482.96	5.8417	0.7665	1849.74	3.2671
15:03:00	60.13	13479.08	5.8500	0.7672	1853.62	3.2680
15:04:00	60.21	13478.59	5.8667	0.7684	1854.11	3.2681
15:05:00	60.21	13475.09	5.8833	0.7696	1857.61	3.2690
15:07:00	60.21	13473.62	5.9167	0.7721	1859.08	3.2693
15:07:30	60.21	13474.08	5.9250	0.7727	1858.62	3.2692
15:08:30	60.21	13470.48	5.9417	0.7739	1862.22	3.2700
15:09:30	60.21	13470.21	5.9583	0.7751	1862.50	3.2701
15:13:30	60.30	13483.08	6.0250	0.7800	1849.62	3.2671

TIME 22-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
15:14:30	60.21	13490.12	6.0417	0.7812	1842.58	3.2654
15:15:00	60.30	13493.04	6.0500	0.7818	1839.66	3.2647
15:15:30	60.21	13492.06	6.0583	0.7824	1840.64	3.2650
15:17:30	60.30	13500.51	6.0917	0.7847	1832.19	3.2630
15:18:30	60.30	13501.98	6.1083	0.7859	1830.72	3.2626
15:19:00	60.30	13504.20	6.1167	0.7865	1828.50	3.2621
15:21:00	60.30	13503.09	6.1500	0.7889	1829.61	3.2624
15:22:00	60.30	13503.00	6.1667	0.7901	1829.70	3.2624
15:23:00	60.30	13501.06	6.1833	0.7912	1831.64	3.2628
15:25:00	60.30	13493.23	6.2167	0.7936	1839.47	3.2647
15:26:00	60.30	13488.62	6.2333	0.7947	1844.08	3.2658
15:27:00	60.30	13487.97	6.2500	0.7959	1844.73	3.2659
15:27:30	60.30	13486.96	6.2583	0.7965	1845.74	3.2662
15:28:00	60.30	13489.08	6.2667	0.7970	1843.62	3.2657
15:29:00	60.30	13488.13	6.2833	0.7982	1844.57	3.2659
15:30:00	60.30	13490.55	6.3000	0.7993	1842.15	3.2653
15:30:30	60.30	13494.70	6.3083	0.7999	1838.00	3.2643
15:31:30	60.38	13500.48	6.3250	0.8011	1832.22	3.2630
15:32:30	60.30	13502.63	6.3417	0.8022	1830.07	3.2625
15:33:30	60.38	13508.59	6.3583	0.8033	1824.11	3.2610
15:34:00	60.30	13510.01	6.3667	0.8039	1822.69	3.2607
15:35:00	60.30	13510.28	6.3833	0.8050	1822.42	3.2606
15:37:00	60.38	13517.63	6.4167	0.8073	1815.07	3.2589
15:38:00	60.30	13516.46	6.4333	0.8084	1816.24	3.2592
15:39:00	60.38	13511.92	6.4500	0.8096	1820.79	3.2603
15:41:00	60.38	13506.29	6.4833	0.8118	1826.41	3.2616
15:41:30	60.38	13504.17	6.4917	0.8124	1828.53	3.2621
15:42:30	60.38	13505.18	6.5083	0.8135	1827.52	3.2619
15:44:30	60.38	13500.48	6.5417	0.8157	1832.22	3.2630
15:45:00	60.38	13501.59	6.5500	0.8162	1831.11	3.2627
15:46:00	60.38	13500.67	6.5667	0.8173	1832.03	3.2629
15:46:30	60.38	13500.48	6.5750	0.8179	1832.22	3.2630
15:47:00	60.38	13502.05	6.5833	0.8184	1830.65	3.2626
15:48:00	60.38	13503.34	6.6000	0.8195	1829.36	3.2623
15:49:00	60.38	13508.32	6.6167	0.8206	1824.38	3.2611
15:50:00	60.38	13515.79	6.6333	0.8217	1816.91	3.2593
15:50:30	60.38	13519.11	6.6417	0.8223	1813.59	3.2585
15:51:00	60.30	13518.31	6.6500	0.8228	1814.39	3.2587
15:52:00	60.38	13521.97	6.6667	0.8239	1810.73	3.2579
15:52:30	60.38	13524.27	6.6750	0.8245	1808.43	3.2573
15:53:30	60.38	13526.21	6.6917	0.8255	1806.49	3.2568
15:54:00	60.47	13528.95	6.7000	0.8261	1803.75	3.2562
15:56:00	60.47	13530.24	6.7333	0.8282	1802.46	3.2559
15:57:00	60.38	13529.99	6.7500	0.8293	1802.71	3.2559
15:57:30	60.47	13530.05	6.7583	0.8298	1802.65	3.2559
15:58:00	60.38	13531.74	6.7667	0.8304	1800.96	3.2555
16:00:00	60.47	13534.48	6.8000	0.8325	1798.22	3.2548
16:01:00	60.38	13537.37	6.8167	0.8336	1795.33	3.2541
16:02:00	60.55	13539.16	6.8333	0.8346	1793.54	3.2537
16:04:00	60.47	13535.31	6.8667	0.8367	1797.39	3.2546
16:04:30	60.47	13535.49	6.8750	0.8373	1797.21	3.2546
16:05:30	60.47	13531.44	6.8917	0.8383	1801.26	3.2556
16:06:30	60.47	13525.72	6.9083	0.8394	1806.98	3.2570
16:07:30	60.47	13521.66	6.9250	0.8404	1811.04	3.2579
16:08:30	60.47	13521.66	6.9417	0.8415	1811.04	3.2579
16:10:30	60.47	13516.78	6.9750	0.8435	1815.92	3.2591
16:11:30	60.47	13518.07	6.9917	0.8446	1814.63	3.2588
16:12:30	60.55	13524.13	7.0083	0.8456	1808.57	3.2573
16:14:30	60.47	13530.51	7.0417	0.8477	1802.19	3.2558
16:15:00	60.55	13532.24	7.0500	0.8482	1800.46	3.2554
16:16:00	60.47	13536.78	7.0667	0.8492	1795.92	3.2543
16:18:00	60.55	13543.58	7.1000	0.8513	1789.12	3.2526

TIME 22-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
16:20:00	60.55	13545.80	7.1333	0.8533	1786.90	3.2521
16:20:30	60.55	13545.89	7.1417	0.8538	1786.81	3.2521
16:22:30	60.55	13538.60	7.1750	0.8558	1794.10	3.2538
16:23:30	60.55	13534.73	7.1917	0.8568	1797.97	3.2548
16:24:00	60.55	13535.75	7.2000	0.8573	1796.95	3.2545
16:24:30	60.55	13534.92	7.2083	0.8578	1797.78	3.2547
16:25:30	60.55	13531.32	7.2250	0.8588	1801.38	3.2556
16:27:30	60.55	13527.82	7.2583	0.8608	1804.88	3.2564
16:28:30	60.55	13529.75	7.2750	0.8618	1802.95	3.2560
16:29:30	60.55	13530.03	7.2917	0.8628	1802.67	3.2559
16:30:00	60.55	13528.00	7.3000	0.8633	1804.70	3.2564
16:30:30	60.55	13529.94	7.3083	0.8638	1802.76	3.2559
16:31:00	60.64	13534.16	7.3167	0.8643	1798.54	3.2549
16:32:00	60.55	13537.41	7.3333	0.8653	1795.29	3.2541
16:32:30	60.55	13540.36	7.3417	0.8658	1792.34	3.2534
16:33:30	60.64	13543.47	7.3583	0.8668	1789.23	3.2527
16:35:30	60.55	13551.14	7.3917	0.8687	1781.56	3.2508
16:36:30	60.55	13555.48	7.4083	0.8697	1777.22	3.2497
16:37:30	60.64	13557.49	7.4250	0.8707	1775.21	3.2493
16:38:30	60.55	13554.92	7.4417	0.8717	1777.78	3.2499
16:39:00	60.64	13554.72	7.4500	0.8722	1777.98	3.2499
16:40:00	60.55	13557.14	7.4667	0.8731	1775.56	3.2493
16:41:00	60.64	13558.41	7.4833	0.8741	1774.29	3.2490
16:41:30	60.64	13558.59	7.4917	0.8746	1774.11	3.2490
16:42:30	60.55	13562.58	7.5083	0.8755	1770.12	3.2480
16:43:30	60.64	13561.36	7.5250	0.8765	1771.34	3.2483
16:44:30	60.64	13564.13	7.5417	0.8775	1768.57	3.2476
16:45:00	60.64	13564.49	7.5500	0.8779	1768.21	3.2475
16:49:00	60.72	13551.93	7.6167	0.8818	1780.77	3.2506
16:49:30	60.64	13552.23	7.6250	0.8822	1780.47	3.2505
16:50:30	60.72	13548.06	7.6417	0.8832	1784.64	3.2516
16:51:30	60.64	13545.87	7.6583	0.8841	1786.83	3.2521
16:53:30	60.64	13545.50	7.6917	0.8860	1787.20	3.2522
16:54:30	60.64	13545.96	7.7083	0.8870	1786.74	3.2521
16:55:00	60.64	13543.19	7.7167	0.8874	1789.51	3.2527
16:55:30	60.64	13543.19	7.7250	0.8879	1789.51	3.2527
16:57:30	60.72	13554.42	7.7583	0.8898	1778.28	3.2500
16:58:30	60.64	13558.78	7.7750	0.8907	1773.92	3.2489
16:59:00	60.64	13543.19	7.7833	0.8912	1789.51	3.2527
16:59:30	60.72	13487.20	7.7917	0.8916	1845.50	3.2661
17:00:00	60.72	13453.73	7.8000	0.8921	1878.97	3.2739
17:00:30	60.64	13439.64	7.8083	0.8926	1893.06	3.2772
17:01:00	60.64	13434.94	7.8167	0.8930	1897.76	3.2782
17:02:00	60.64	13434.11	7.8333	0.8939	1898.59	3.2784
17:02:30	60.64	13433.92	7.8417	0.8944	1898.78	3.2785
17:03:00	60.55	13435.24	7.8500	0.8949	1897.46	3.2782
17:05:00	60.55	13435.51	7.8833	0.8967	1897.19	3.2781
17:06:00	60.55	13436.07	7.9000	0.8976	1896.63	3.2780
17:07:00	60.55	13434.04	7.9167	0.8985	1898.66	3.2784
17:09:00	60.55	13433.58	7.9500	0.9004	1899.12	3.2786
17:10:00	60.47	13428.90	7.9667	0.9013	1903.80	3.2796
17:11:00	60.47	13426.78	7.9833	0.9022	1905.92	3.2801
17:13:00	60.55	13427.95	8.0167	0.9040	1904.75	3.2798
17:14:00	60.47	13429.54	8.0333	0.9049	1903.16	3.2795
17:15:00	60.55	13434.78	8.0500	0.9058	1897.92	3.2783
17:15:30	60.47	13437.01	8.0583	0.9062	1895.69	3.2778
17:16:30	60.47	13437.29	8.0750	0.9071	1895.41	3.2777
17:17:30	60.55	13442.52	8.0917	0.9080	1890.18	3.2765
17:18:00	60.47	13444.95	8.1000	0.9085	1887.75	3.2759
17:20:00	60.47	13445.87	8.1333	0.9103	1886.83	3.2757
17:21:00	60.47	13447.25	8.1500	0.9112	1885.45	3.2754
17:21:30	60.47	13449.55	8.1583	0.9116	1883.15	3.2749

TIME 22-SEP-83	SIT degC	SDF kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
17:22:00	60.55	13446.58	8.1667	0.9120	1886.12	3.2756
17:23:00	60.47	13447.89	8.1833	0.9129	1884.81	3.2753
17:25:00	60.47	13442.73	8.2167	0.9147	1889.97	3.2765
17:25:30	60.47	13358.08	8.2250	0.9151	1974.62	3.2955
17:26:00	60.47	12986.89	8.2333	0.9156	2345.81	3.3703
17:26:30	60.47	12849.90	8.2417	0.9160	2482.80	3.3949
17:27:00	60.47	12811.82	8.2500	0.9165	2520.88	3.4016
17:27:30	60.38	12803.65	8.2583	0.9169	2529.05	3.4030
17:28:00	60.30	12802.85	8.2667	0.9173	2529.85	3.4031
17:29:00	60.21	12808.32	8.2833	0.9182	2524.38	3.4022
17:29:30	60.13	12815.45	8.2917	0.9186	2517.25	3.4009
17:30:00	60.13	12816.65	8.3000	0.9191	2516.05	3.4007
17:30:30	60.05	12814.57	8.3083	0.9195	2516.13	3.4011
17:31:00	59.96	12816.54	8.3167	0.9199	2516.16	3.4007
17:33:00	59.88	12819.63	8.3500	0.9217	2513.07	3.4002
17:34:00	59.79	12820.59	8.3667	0.9226	2512.11	3.4000
17:35:00	59.62	12818.84	8.3833	0.9234	2513.86	3.4003
17:36:00	59.62	12821.79	8.4000	0.9243	2510.91	3.3998
17:37:00	59.62	12821.60	8.4167	0.9251	2511.10	3.3999
17:38:00	59.45	12822.72	8.4333	0.9260	2509.98	3.3997
17:39:00	59.54	12823.04	8.4500	0.9269	2509.66	3.3996
17:39:30	59.54	12823.59	8.4583	0.9273	2509.11	3.3995
17:40:30	59.45	12821.61	8.4750	0.9281	2511.09	3.3999
17:41:00	59.45	12823.64	8.4833	0.9286	2509.06	3.3995
17:43:00	59.45	12824.10	8.5167	0.9303	2508.60	3.3994
17:44:00	59.37	12824.89	8.5333	0.9311	2507.81	3.3993
17:44:30	59.37	12826.28	8.5417	0.9315	2506.42	3.3991
17:46:30	59.37	12825.35	8.5750	0.9332	2507.35	3.3992
17:47:30	59.37	12827.29	8.5917	0.9341	2505.41	3.3989
17:48:30	59.28	12826.79	8.6083	0.9349	2505.91	3.3990
17:49:30	59.28	12829.00	8.6250	0.9358	2503.70	3.3986
17:50:30	59.28	12828.45	8.6417	0.9366	2504.25	3.3987
17:51:30	59.28	12830.66	8.6583	0.9374	2502.04	3.3983
17:52:30	59.28	12828.63	8.6750	0.9383	2504.07	3.3986
17:53:00	59.28	12827.53	8.6833	0.9387	2505.17	3.3988
17:55:00	59.28	12830.66	8.7167	0.9404	2502.04	3.3983
17:55:30	59.28	12832.23	8.7250	0.9408	2500.47	3.3980
17:56:30	59.28	12830.84	8.7417	0.9416	2501.86	3.3983
17:57:00	59.28	12857.03	8.7500	0.9420	2475.67	3.3937
17:57:30	59.28	12868.45	8.7583	0.9424	2464.25	3.3917
17:58:00	59.28	12872.42	8.7667	0.9428	2460.28	3.3910
17:59:00	59.28	12874.91	8.7833	0.9437	2457.79	3.3905
18:01:00	59.28	12874.17	8.8167	0.9453	2458.53	3.3907
18:03:00	59.37	12877.07	8.8500	0.9469	2455.63	3.3902
18:03:30	59.37	12878.36	8.8583	0.9474	2454.34	3.3899
18:04:30	59.28	12877.67	8.8750	0.9482	2455.03	3.3901
18:05:00	59.28	12878.96	8.8833	0.9486	2453.74	3.3898
18:06:00	59.28	12877.86	8.9000	0.9494	2454.84	3.3900
18:08:00	59.37	12879.92	8.9333	0.9510	2452.78	3.3897
18:09:00	59.37	12880.39	8.9500	0.9518	2452.31	3.3896
18:09:30	59.37	12879.56	8.9583	0.9522	2453.14	3.3897
18:10:00	59.37	12880.66	8.9667	0.9526	2452.04	3.3895
18:10:30	59.37	12879.37	8.9750	0.9530	2453.33	3.3898
18:11:00	59.37	12876.06	8.9833	0.9534	2456.64	3.3903
18:11:30	59.28	12874.17	8.9917	0.9538	2458.53	3.3907
18:12:30	59.37	12877.53	9.0083	0.9546	2455.17	3.3901
18:13:00	59.37	12875.41	9.0167	0.9550	2457.29	3.3905
18:14:00	59.28	12846.42	9.0333	0.9558	2486.28	3.3956
18:15:00	59.37	12833.00	9.0500	0.9566	2499.70	3.3979
18:16:00	59.37	12826.28	9.0667	0.9574	2506.42	3.3991
18:16:30	59.37	12820.28	9.0750	0.9578	2512.42	3.4001
18:17:30	59.37	12820.65	9.0917	0.9586	2512.05	3.4000

TIME 22-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)
18:18:00	59.37	12822.77	9.1000	0.9590	2509.93	3.3997
18:19:00	59.28	12822.64	9.1167	0.9598	2510.06	3.3997
18:19:30	59.37	12824.06	9.1250	0.9602	2508.64	3.3994
18:20:30	59.28	12823.29	9.1417	0.9610	2509.41	3.3996
18:21:30	59.28	12824.76	9.1583	0.9618	2507.94	3.3993
18:23:30	59.28	12824.02	9.1917	0.9634	2508.68	3.3994
18:24:30	59.28	12825.41	9.2083	0.9642	2507.29	3.3992
18:25:30	59.20	12824.26	9.2250	0.9650	2508.44	3.3994
18:26:30	59.28	12825.78	9.2417	0.9658	2506.92	3.3991
18:27:00	59.28	12824.76	9.2500	0.9661	2507.94	3.3993
18:28:00	59.28	12825.78	9.2667	0.9669	2506.92	3.3991
18:28:30	59.28	12825.78	9.2750	0.9673	2506.92	3.3991
18:29:00	59.28	12817.75	9.2833	0.9677	2514.95	3.4005
18:29:30	59.28	12799.60	9.2917	0.9681	2533.10	3.4037

3rd BUILD UP, POST ACID JOB.

[146] T0=22-SEP-83 18:29:49

P0=12799.6 FT=007:00:00

TIME 22-SEP-83	SDT degC	SDP kPa	t-t0 HR	L(t-t0)	P-P0 kPa	L(P-P0)	L(Horn)
18:31:00	59.54	15689.32	0.0197	-1.7050	2889.72	3.4609	2.5514
18:32:00	59.79	15702.96	0.0364	-1.4390	2903.36	3.4629	2.2864
18:33:00	59.96	15709.08	0.0531	-1.2753	2909.48	3.4638	2.1236
18:34:00	60.21	15713.88	0.0697	-1.1566	2914.28	3.4645	2.0060
18:36:00	60.55	15717.77	0.1031	-0.9869	2918.17	3.4651	1.8384
18:37:00	60.72	15719.96	0.1197	-0.9218	2920.36	3.4654	1.7743
18:45:00	60.89	15715.14	0.2531	-0.5968	2915.54	3.4647	1.4573
18:53:00	60.64	15714.43	0.3864	-0.4130	2914.83	3.4646	1.2814
19:09:00	59.88	15715.84	0.6531	-0.1850	2916.24	3.4648	1.0689
19:17:00	59.71	15717.29	0.7864	-0.1044	2917.70	3.4650	0.9957
19:21:00	59.62	15718.07	0.8531	-0.0690	2918.47	3.4652	0.9641
19:23:00	59.54	15717.83	0.8864	-0.0524	2918.23	3.4651	0.9493
19:24:00	59.54	15717.28	0.9031	-0.0443	2917.68	3.4650	0.9421
19:26:00	59.54	15719.03	0.9364	-0.0285	2919.43	3.4653	0.9282
19:30:00	59.45	15718.06	1.0031	0.0013	2918.46	3.4652	0.9019
19:34:00	59.45	15720.09	1.0697	0.0293	2920.49	3.4655	0.8776
19:50:00	59.11	15720.37	1.3364	0.1259	2920.77	3.4655	0.7950
19:58:00	59.11	15722.86	1.4697	0.1672	2923.26	3.4659	0.7606
20:14:00	58.86	15723.39	1.7364	0.2396	2923.79	3.4659	0.7017
20:18:00	58.86	15722.10	1.8031	0.2560	2923.50	3.4658	0.6886
20:34:00	58.78	15723.36	2.0697	0.3159	2923.76	3.4659	0.6417
20:50:00	58.61	15722.37	2.3364	0.3685	2922.77	3.4658	0.6016
20:58:00	58.52	15723.27	2.4697	0.3926	2923.67	3.4659	0.5837
21:30:00	58.35	15722.84	3.0031	0.4776	2923.25	3.4659	0.5226
22:02:00	58.18	15725.30	3.5364	0.5486	2925.70	3.4662	0.4741
22:10:00	58.10	15723.62	3.6697	0.5646	2924.02	3.4660	0.4635
22:18:00	58.10	15725.19	3.8031	0.5801	2925.59	3.4662	0.4534
22:22:00	58.01	15724.07	3.8697	0.5877	2924.47	3.4660	0.4485
22:26:00	58.10	15725.46	3.9364	0.5951	2925.86	3.4663	0.4438
22:30:00	58.01	15723.33	4.0031	0.6024	2923.73	3.4659	0.4391
22:31:00	57.93	15722.48	4.0197	0.6042	2922.88	3.4658	0.4380
22:31:30	58.01	15724.44	4.0281	0.6051	2924.84	3.4661	0.4374
22:32:00	58.10	15723.80	4.0364	0.6060	2924.20	3.4660	0.4368
22:48:00	57.93	15725.07	4.3031	0.6338	2925.47	3.4662	0.4194
22:56:00	57.93	15725.99	4.4364	0.6470	2926.39	3.4663	0.4113
23:04:00	57.93	15724.79	4.5697	0.6599	2925.19	3.4662	0.4034
23:20:00	57.84	15724.96	4.8364	0.6845	2925.36	3.4662	0.3887
23:24:00	57.84	15724.23	4.9031	0.6905	2924.63	3.4661	0.3852
23:40:00	57.76	15725.51	5.1697	0.7135	2925.91	3.4663	0.3718
23:44:00	57.76	15724.68	5.2364	0.7190	2925.08	3.4661	0.3686
23:46:00	57.76	15725.60	5.2697	0.7218	2926.00	3.4663	0.3670
23:47:00	57.67	15724.21	5.2864	0.7232	2924.61	3.4661	0.3663
00:19:00	57.67	15725.59	5.8197	0.7649	2925.99	3.4663	0.3430
00:23:00	57.59	15724.30	5.8864	0.7698	2924.70	3.4661	0.3403
00:25:00	57.59	15725.31	5.9197	0.7723	2925.71	3.4662	0.3390
00:41:00	57.59	15724.39	6.1864	0.7914	2924.79	3.4661	0.3287
00:49:00	57.59	15725.13	6.3197	0.8007	2925.53	3.4662	0.3238
00:50:00	57.59	15725.22	6.3364	0.8018	2925.62	3.4662	0.3232



## OPEN PCT. BULLHEAD FORMATION.

[150] START TIME: 23-SEP-83 00:50:00

23-SEP-83	SDT degC	SIP kPa
00:51:30	57.59	15709.17
00:52:00	57.50	15667.09
00:52:30	57.50	15660.81
00:53:00	57.33	15712.86
00:53:30	57.33	15721.44
00:54:00	57.25	15836.60
00:54:30	57.08	15984.08
00:55:00	57.08	16097.30
00:55:30	56.91	16229.21
00:56:00	56.82	16369.58
00:56:30	56.65	16511.94
00:57:00	56.49	16656.71
00:57:30	56.40	16742.29
00:58:00	56.23	16601.87
00:58:30	56.15	16487.08
00:59:00	56.06	16424.72
00:59:30	55.89	16660.43
01:00:00	55.64	16987.30
01:00:30	55.64	17344.74
01:01:00	55.47	17512.40
01:01:30	55.30	17615.53
01:02:00	55.30	17705.28
01:02:30	55.13	17815.44
01:03:00	55.04	17963.05
01:03:30	54.87	18096.60
01:04:00	54.78	18201.56
01:04:30	54.70	18322.24
01:05:00	54.53	18491.10
01:05:30	54.44	18687.43
01:06:00	54.36	17095.79
01:06:30	54.19	16938.67
01:07:00	54.10	16864.09
01:07:30	54.02	16792.93
01:08:30	53.76	16671.48
01:09:00	53.68	16615.57
01:09:30	53.68	16563.98
01:10:00	53.59	16515.73
01:11:00	53.42	16425.88
01:11:30	53.34	16382.62
01:12:00	53.25	16342.96
01:13:00	53.17	16270.74
01:14:00	53.08	16204.24
01:15:00	53.00	16145.22
01:16:00	53.00	16089.67
01:16:30	52.91	16069.32
01:17:00	52.91	16046.35
01:17:30	52.91	16031.58
01:18:00	52.83	16019.17
01:18:30	52.91	16004.00
01:19:00	52.83	15949.32
01:19:30	52.91	15638.66
01:20:00	52.83	15817.30

S.S.A.R.V. OPENED. REVERSE CIRCULATE.

[157] START TIME: 23-SEP-83 01:19:55

23-SEP-83	SDT degC	SDP kPa
01:25:00	52.91	16059.17
01:30:00	53.08	15385.96
01:35:00	53.17	15376.94
01:40:00	53.34	15365.90
01:45:00	53.49	15371.05
01:50:00	53.66	15373.99
01:55:00	53.72	15374.94
02:00:00	53.86	15376.69
02:05:00	54.02	15377.31
02:10:00	54.13	15379.21
02:15:00	54.21	15380.47
02:20:00	54.26	15380.80
02:25:00	54.32	15381.13
02:30:00	54.37	15381.45
02:35:00	54.42	15381.78
02:40:00	54.48	15382.11
02:45:00	54.53	15382.44
02:50:00	54.58	15382.77
02:55:00	54.64	15383.10
03:00:00	54.69	15383.44
03:05:00	54.74	15383.77
03:10:00	54.80	15384.10
03:15:00	54.85	15384.44
03:20:00	54.90	15384.84
03:25:00	54.96	15385.28
03:30:00	55.01	15385.73
03:35:00	55.08	15386.84
03:40:00	55.14	15387.52
03:45:00	55.17	15387.24
03:50:00	55.19	15386.96
03:55:00	55.23	15386.80
04:00:00	55.28	15386.82
04:05:00	55.23	15386.94
04:10:00	55.28	15386.84
04:15:00	55.30	15387.28
04:20:00	55.30	15387.53
04:25:00	55.30	15387.24
04:30:00	55.35	15387.81
04:35:00	55.38	14923.69
04:40:00	55.47	15365.76
04:45:00	55.47	15357.83
04:50:00	55.47	15351.05
04:55:00	55.47	15357.92
05:00:00	55.47	15359.86
05:05:00	55.47	15354.79
05:10:00	55.47	15320.93
05:15:00	55.47	16953.89
05:20:00	54.36	16902.97
05:25:00	53.17	16881.47
05:30:00	52.14	16874.49
05:35:00	51.55	16866.10
05:40:00	51.12	16862.18
05:45:00	50.69	16855.19
05:50:00	50.39	16846.39
05:55:00	50.09	16840.02
06:00:00	49.97	16830.76
06:05:00	49.79	16820.78
06:10:00	49.62	16809.70
06:15:00	49.58	16801.33
06:20:00	49.41	16790.92

	SDT	SDP
23-SEP-83	degC	kPa
06:25:00	49.41	16917.70
BULLHEAD GAS BELOW TEST TOOLS.		

[160] START TIME:23-SEP-83 06:30:00

	SDT	SDP
23-SEP-83	degC	kPa
06:35:00	49.32	20689.29
06:40:00	49.07	16828.91
06:45:00	48.90	17679.65
06:50:00	48.90	17681.13
06:55:00	48.85	17667.13
07:00:00	47.53	17688.91
07:05:00	44.41	17720.03
07:10:00	42.02	17721.99
07:15:00	40.12	17693.55
07:20:00	38.74	17745.84
07:25:00	37.70	17720.25
07:30:00	36.84	17728.59
07:35:00	36.14	17728.76
07:40:00	35.58	17749.38
07:45:00	35.01	17805.21
07:50:00	34.58	17782.28
07:55:00	34.01	17800.67
08:00:00	33.71	17768.27
08:05:00	33.45	16925.40
08:10:00	33.62	16932.86
08:15:00	33.54	16937.10
08:20:00	33.27	16926.98
08:25:00	33.01	16880.67
08:30:00	32.67	16916.22
08:35:00	32.32	16952.67
08:40:00	32.08	16957.11
08:45:00	31.75	16959.23
08:50:00	31.45	16961.76
08:55:00	31.18	16960.82
09:00:00	30.86	16962.92
09:05:00	30.57	16964.21
09:10:00	30.28	16959.02
09:15:00	29.96	16961.11
09:20:00	29.79	16974.87
09:25:00	29.53	16983.98
09:30:00	29.31	16994.77
09:35:00	29.09	17000.61
09:40:00	29.00	17002.51
09:45:00	28.74	17005.30
09:50:00	28.52	17007.63
09:55:00	28.39	17008.42
10:00:00	28.22	17011.85
10:05:00	28.04	16988.20
10:10:00	28.04	17001.29
10:15:00	28.04	17010.50
10:20:00	28.04	17009.12
10:25:00	27.08	16974.68