

Denne rapport
tilhører

 **STATOIL**

29.595.274-28

L&U DOK. SENTER

L.NR. 20085150004

KODE Well 34/10-21 nr 25

Returneres etter bruk

sperry-sui

Pressure Survey Report
for

STATOIL

Well No. 34/10-21

11 October 1984

DST NO. 2. RUN NO. 1.

Downhole Data



Pressure Survey Report
for

STATOIL

Well No. 34/10-21

11 October 1984

DST NO. 2. RUN NO. 1.

Downhole Data

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

STATOIL
GULLFAKS SOUTH
34/10-21

OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO. 2. SEQUENCE OF EVENTS.

DATE	TIME	OPERATION
11/10/84	02:50	ACTIVATE GAUGE NO. 0181.
"	02:51	ACTIVATE GAUGE NO. 0001.
"	03:55	GAUGES IN CARRIER.
"	20:33	RIH WITH GR-CCL LOG.
"	22:10	SET PACKER.
12/10/84	02:24	OPEN LPR-N VALVE & PRESSURE UP TUBING.
"	02:25	BLEED-OFF TUBING & CLOSE LPR-N (LEAK IN STRING).
"	03:08	UNSET PACKER.
"	05:28	SET PACKER.
"	06:10	RIH WITH GR-CCL LOG.
"	08:05	OPEN LPR-N VALVE.
"	08:15	PRESSURE UP TUBING TO ACTIVATE FIRING HEAD.
"	08:28	CLOSE & RE-OPEN LPR-N.
"	08:35	PRESSURE UP TUBING TO ACTIVATE FIRING HEAD.
"	09:00	CLOSE & RE-OPEN LPR-N.
"	09:08	PRESSURE UP TUBING TO ACTIVATE FIRING HEAD.
"	09:23	CLOSE LPR-N VALVE
"	10:18	OPEN LPR-N VALVE
"	10:22	PRESSURE UP TUBING & ATTEMPT TO PERFORATE
"	11:52	RIH WITH DETONATING BAR.
"	12:22	GUNS FIRED.
"	14:10	RIH WITH GEOSERVICES GAUGES.
"	15:02	SET GAUGES IN "F" NIPPLE
"	16:15	WELL OPENED ON 36/64" FIXED CHOKE.
"	16:25	GAS TO SURFACE
"	19:54	DIRECT FLOW THRU SEPARATOR.
13/10/84	04:40	COMMENCE SURFACE SAMPLING PROCEDURE.
"	06:40	BY-PASS SEPARATOR.
"	06:43	WELL SHUT-IN AT LPR-N VALVE.
"	06:44	CLOSE CHOKE MANIFOLD.
"	21:56	OPEN LPR-N VALVE.
"	22:00	WELL OPENED ON 52/64" FIXED CHOKE.
"	22:29	CHANGE TO 64/64" ADJ. CHOKE.
"	22:46	CHANGE TO 64/64" FIXED CHOKE.
"	23:05	DIRECT FLOW THRU SEPARATOR.
14/10/84	04:22	COMMENCE SURFACE SAMPLING PROCEDURE.
"	08:02	CLOSE LPR-N VALVE.
"	08:05	CLOSE CHOKE MANIFOLD.
"	18:00	END OF TEST.
15/10/84	09:30	GAUGES OUT OF CARRIER.

GAUGE PERFORMANCE REPORT.

Two MK3 pressure gauges were run in a 30ft x 5 3/16" gauge carrier above the packer.

GAUGE NO. 0181.

This gauge produced a large proportion of erratic temperature and pressure readings (see unedited linear plot) throughout the test and failed completely 50 mins before the end of the final build-up period.

In order to produce this report the erroneous temperature and pressure data has been edited out and the temperature data smoothed.

Transducer found to be distorted after test and as a new transducer was fitted, no Post Test Calibration could be obtained.

GAUGE NO. 0001.

This gauge performed perfectly until 3 hours before the end of the final build-up period when the data tape was filled to capacity. The tape should have lasted to the end of the test but in the event proved to be short by the equivalent of some 90 records.

This gauge was also run on DST NO. 1 and was overpressured by up to 12600 psi during that test. This resulted in a slight shift in the calibration, as shown in the check calibration report, and the data has been corrected accordingly.

STATOIL ENGINEERS : Karl Gjerde / Per Seim

SPERRY-SUN ENGINEER : Peter Weatherill

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

CHECK PRESSURES SHEET.

GAUGE TYPE/NO:	MK3 0181	MK3 0001
TIME MODE (Mins):	4	2
ELEMENT SIZE:	10K	10K
DEPTH (M.RKB):	3248.63	3251.83
MAX. TEMP.(Deg. C):	120.1	120.1

END OF EVENT	TIME/DATE	PRESSURE (Bars)	PRESSURE (Bars)
PRE-TEST PERIOD	12:22 12/10/84	-	337.780
INITIAL STATIC	16:15 12/10/84	445.098	444.853
INITIAL FLOW	06:43 13/10/84	434.903	434.949
INITIAL BUILD-UP	21:56 13/10/84	447.424	447.170
SECOND FLOW	08:02 14/10/84	427.085	427.509
SECOND BUILD-UP	15:00 14/10/84	446.626	446.259

NL SPERRY-SUN INTERNATIONAL

STATOIL
Well No:34/10-21

Job No:NR-MS-40182
Date:06 OCTOBER 1984

CALIBRATION DETAILS FOR: MRP6 MK-3 No. 0181
TRANSDUCER No. 2152
PRESSURE RANGE = 0 - 10,000 PSIG

D.W.T. APPLIED
PRESSURES (PSIG)

GAUGE OBSERVED PRESSURE DIFFERENCE (PSIG)

Pre-Test
Calibration
12 September 1984

Post-Test
Calibration
(not available)

D.W.T. APPLIED PRESSURES (PSIG)	Pre-Test Calibration 12 September 1984	Post-Test Calibration (not available)
1,001.1	*	*
2,002.3	+0.5	*
3,003.4	*	*
4,004.5	+0.5	*
5,005.5	*	*
6,006.6	+1.3	*
7,007.7	*	*
8,008.7	+0.8	*
9,009.8	*	*
10,010.8	+1.1	*

TEMPERATURE (Deg F)

Oven	Probe	Oven	Probe
210.0	209.4	*	*

NB. Transducer found to be distorted after test, and as a new transducer was fitted, no Post-Test calibration could be obtained.

NL SPERRY-SUN INTERNATIONAL

STATOIL
Well No:34/10-21

Job No:NR-MS-40182
Date:06 OCTOBER 1984

CALIBRATION DETAILS FOR: MRPG MK-3 No. 0001
TRANSDUCER No. 1757
PRESSURE RANGE = 0 - 10,000 PSIG

D.W.T. APPLIED
PRESSURES (PSIG)

GAUGE OBSERVED PRESSURE DIFFERENCE (PSIG)

Pre-Test
Calibration
10 September 1984

Post-Test
Calibration
24 October 1984

1,001.1	*	*
2,002.3	+0.3	+5.7
3,003.4	*	*
4,004.5	+0.2	+5.7
5,005.5	*	*
6,006.6	+0.9	+6.1
7,007.7	*	*
8,008.7	+0.6	+6.3
9,009.8	*	*
10,010.8	+1.0	+6.2

TEMPERATURE (Deg F)

Oven
230.0

Probe
229.6

Oven
230.0

Probe
230.1

NB. A +6.0 psi shift has been applied to the data from this gauge for both tests.

GAUGE NO. 0181.

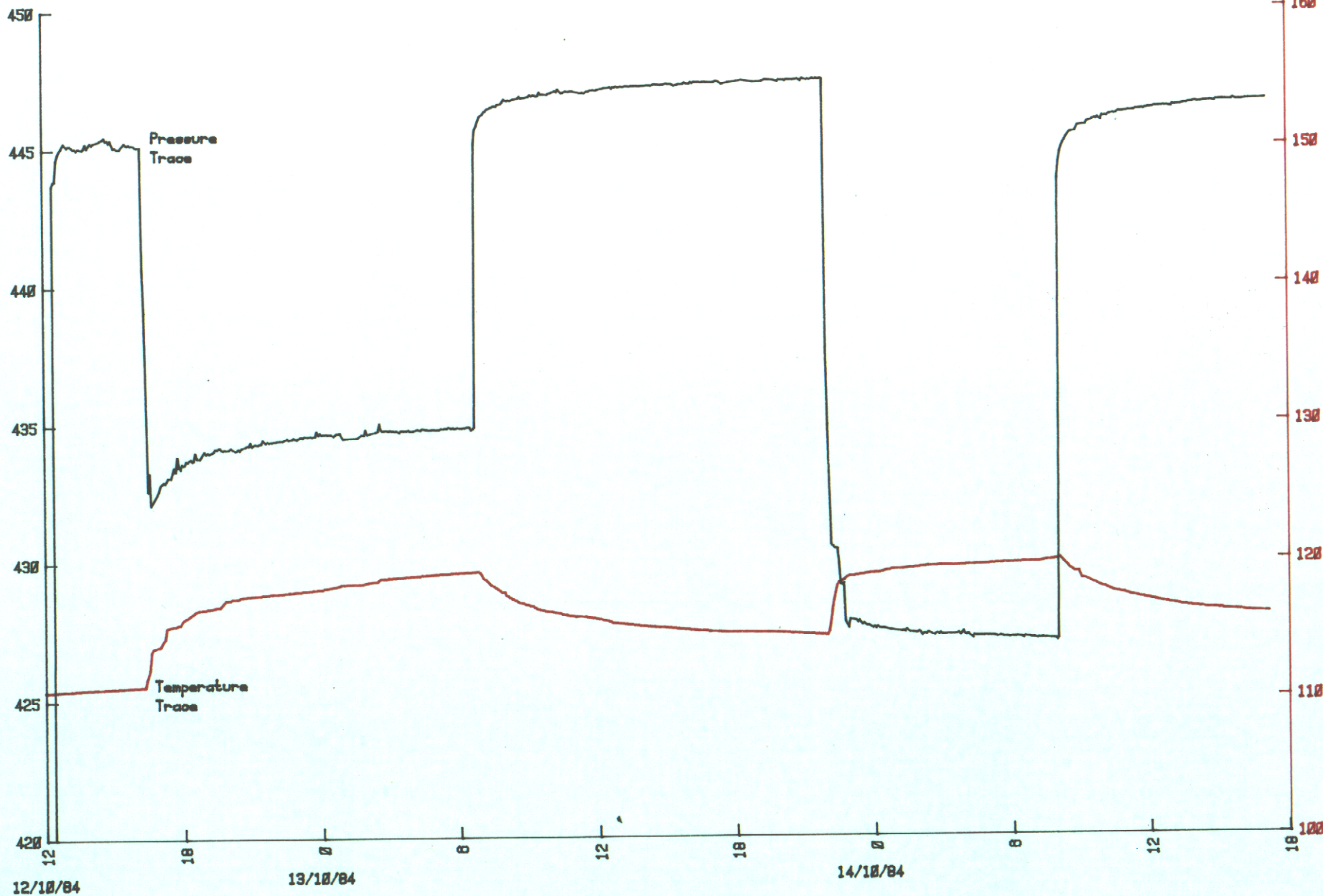
(LOCATION: TOP CARRIER - 3248.63 M.RKB)

STATOIL
34/10-21
GULLFAKS SOUTH

NL Sperry-Sun, Inc. PRESSURE/TEMP. Vs TIME PLOT

11 OCTOBER 1984
DST NO. 2.
GAUGE Ø181 (TOP CARRIER).
DØ181F

PRESSURE Scales 1 inch = 5 BARS



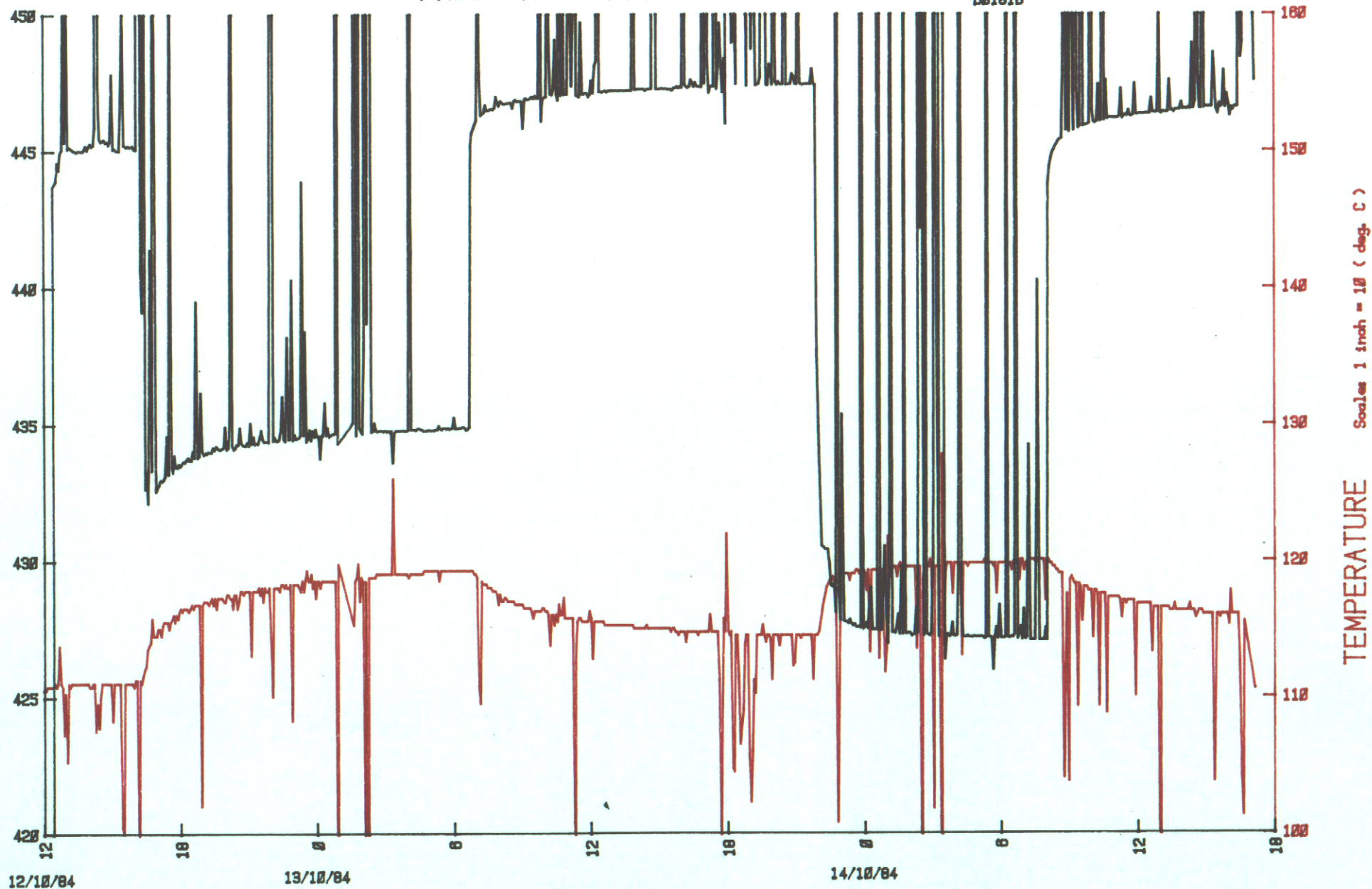
REAL TIME
Scales 1 inch = 6 hours

(Edited Data).

STATOIL
34/18-21
GULLFAKS SOUTH

NL Sperry-Sun, Inc.
PRESSURE/TEMP. VS TIME PLOT

11 OCTOBER 1984
DST NO. 2.
GAUGE #181 (TOP CARRIER).
D0181B



REAL TIME
Scale 1 inch = 8 hours

(Unedited Data).

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SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (INITIAL STATIC PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME
0.000	337.521	110.7	12:22
0.067	443.723	110.7	12:26
0.133	443.860	110.7	12:30
0.200	443.901	110.8	12:34
0.267	444.631	110.8	12:38
0.333	444.829	110.8	12:42
0.400	444.977	110.8	12:46
0.467	445.053	110.8	12:50
0.600	445.251	110.8	12:58
0.733	445.125	110.8	13: 6
0.800	445.155	110.8	13:10
0.867	445.155	110.8	13:14
0.933	445.121	110.8	13:18
1.000	445.060	110.8	13:22
1.067	445.060	110.8	13:26
1.133	445.014	110.8	13:30
1.200	445.056	110.9	13:34
1.267	445.056	110.9	13:38
1.333	445.041	110.9	13:42
1.400	445.041	110.9	13:46
1.467	445.082	110.9	13:50
1.533	445.234	110.9	13:54
1.600	445.082	110.9	13:58
1.667	445.173	110.9	14: 2
1.733	445.260	110.9	14: 6
1.800	445.215	110.9	14:10
1.867	445.260	110.9	14:14
2.133	445.336	110.9	14:30
2.200	445.378	110.9	14:34
2.267	445.408	110.9	14:38
2.333	445.454	110.9	14:42
2.400	445.347	110.9	14:46
2.467	445.374	111.0	14:50
2.533	445.267	111.0	14:54
2.600	445.358	111.0	14:58
2.733	445.085	111.0	15: 6
2.800	445.111	111.0	15:10
2.867	445.050	111.0	15:14
2.933	445.035	111.0	15:18
3.000	445.035	111.0	15:22
3.200	445.243	111.0	15:34
3.267	445.213	111.0	15:38
3.333	445.167	111.0	15:42
3.400	445.213	111.0	15:46
3.467	445.163	111.0	15:50
3.533	445.178	111.0	15:54
3.600	445.163	111.0	15:58
3.667	445.118	111.0	16: 2
3.733	445.098	111.1	16: 6
3.867	445.098	111.1	16:14

12/10/84 GUNS FIRED.

RIH WITH GEOSERVICES
PRESSURE GAUGESSET GAUGES IN "F"
NIPPLE AT 15:02

WELL OPENED TO FLOW.

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SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (INITIAL FLOW PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME
-0.017	445.098	111.1	16:14
0.050	440.704	111.1	16:18
0.117	439.131	111.6	16:22
0.250	432.625	112.3	16:30
0.317	433.286	113.6	16:34
0.383	432.122	113.8	16:38
0.717	432.635	114.0	16:58
0.783	432.834	114.2	17: 2
0.850	432.908	114.4	17: 6
0.917	432.955	114.6	17:10
0.983	432.923	115.3	17:14
1.050	433.006	115.4	17:18
1.117	433.123	115.4	17:22
1.250	433.115	115.4	17:30
1.383	433.486	115.5	17:38
1.450	433.345	115.5	17:42
1.517	433.868	115.6	17:46
1.583	433.549	115.6	17:50
1.650	433.432	115.8	17:54
1.717	433.617	115.9	17:58
1.783	433.574	116.0	18: 2
1.850	433.592	116.0	18: 6
1.917	433.721	116.1	18:10
1.983	433.693	116.2	18:14
2.050	433.741	116.2	18:18
2.117	433.790	116.3	18:22
2.183	433.717	116.4	18:26
2.250	433.746	116.5	18:30
2.317	434.021	116.6	18:34
2.383	433.835	116.6	18:38
2.517	433.816	116.6	18:46
2.583	433.888	116.6	18:50
2.717	434.065	116.7	18:58
2.783	433.970	116.7	19: 2
2.850	434.031	116.7	19: 6
2.917	433.997	116.7	19:10
2.983	434.023	116.7	19:14
3.050	434.034	116.8	19:18
3.117	434.075	116.8	19:22
3.183	434.162	116.8	19:26
3.250	434.147	116.8	19:30
3.317	434.177	116.8	19:34
3.383	434.217	116.9	19:38
3.450	434.136	117.1	19:42
3.517	434.115	117.2	19:46
3.583	434.140	117.3	19:50
3.650	434.125	117.3	19:54
3.783	434.136	117.3	20: 2
3.850	434.188	117.4	20: 6
4.050	434.093	117.4	20:18

12/10/84 WELL OPENED ON 36/64"
FIXED CHOKE.GAS TO SURFACE
AT 16:25DIRECT FLOW
THROUGH SEPARATOR

10/29/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (INITIAL FLOW PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
4.117	434.104	117.4	20:22	12/10/84
4.183	434.160	117.5	20:26	
4.250	434.107	117.5	20:30	
4.317	434.178	117.5	20:34	
4.517	434.250	117.6	20:46	
4.583	434.276	117.6	20:50	
4.650	434.261	117.6	20:54	
4.717	434.378	117.6	20:58	
4.783	434.257	117.6	21: 2	
4.850	434.298	117.6	21: 6	
4.917	434.329	117.6	21:10	
5.050	434.309	117.7	21:18	
5.117	434.340	117.7	21:22	
5.183	434.351	117.7	21:26	
5.250	434.472	117.7	21:30	
5.383	434.377	117.7	21:38	
5.450	434.422	117.7	21:42	
5.517	434.388	117.7	21:46	
5.583	434.403	117.7	21:50	
5.650	434.399	117.8	21:54	
5.850	434.444	117.8	22: 6	
5.983	434.455	117.8	22:14	
6.050	434.455	117.8	22:18	
6.117	434.451	117.8	22:22	
6.317	434.523	117.8	22:34	
6.383	434.477	117.8	22:38	
6.517	434.503	117.9	22:46	
6.583	434.545	117.9	22:50	
6.717	434.495	117.9	22:58	
6.850	434.556	117.9	23: 6	
6.917	434.567	117.9	23:10	
6.983	434.547	118.0	23:14	
7.050	434.593	118.0	23:18	
7.183	434.589	118.0	23:26	
7.317	434.600	118.0	23:34	
7.383	434.580	118.0	23:38	
7.517	434.611	118.0	23:46	
7.583	434.773	118.1	23:50	
7.650	434.652	118.1	23:54	
7.717	434.713	118.1	23:58	
7.783	434.663	118.1	0: 2	13/10/84
7.850	434.670	118.1	0: 6	
7.983	434.681	118.2	0:14	
8.050	434.662	118.2	0:18	
8.183	434.673	118.2	0:26	
8.317	434.619	118.3	0:34	
8.383	434.660	118.3	0:38	
8.450	434.701	118.3	0:42	
8.517	434.697	118.3	0:46	
8.583	434.719	118.4	0:50	

10/29/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (INITIAL FLOW PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
8.717	434.518	118.4	0:58	13/10/84
9.383	434.544	118.4	1:38	
9.517	434.646	118.5	1:46	
9.650	434.638	118.5	1:54	
9.717	434.831	118.5	1:58	
9.783	434.660	118.6	2: 2	
10.183	434.754	118.6	2:26	
10.250	434.767	118.7	2:30	
10.317	435.043	118.8	2:34	
10.383	434.815	118.8	2:38	
10.450	434.781	118.8	2:42	
10.517	434.796	118.8	2:46	
10.583	434.811	118.8	2:50	
10.650	434.792	118.9	2:54	
10.717	434.777	118.9	2:58	
10.783	434.807	118.9	3: 2	
10.850	434.773	118.9	3: 6	
10.917	434.788	118.9	3:10	
10.983	434.757	118.9	3:14	
11.050	434.784	118.9	3:18	
11.183	434.723	118.9	3:26	
11.250	434.784	118.9	3:30	
11.317	434.795	118.9	3:34	
11.383	434.779	118.9	3:38	
11.450	434.790	119.0	3:42	
11.517	434.790	119.0	3:46	
11.583	434.806	119.0	3:50	
11.650	434.771	119.0	3:54	
11.717	434.771	119.0	3:58	
11.783	434.771	119.0	4: 2	
11.917	434.812	119.0	4:10	
11.983	434.827	119.0	4:14	
12.050	434.812	119.0	4:18	
12.117	434.793	119.0	4:22	
12.183	434.854	119.0	4:26	
12.250	434.854	119.0	4:30	
12.317	434.834	119.1	4:34	
12.383	434.834	119.1	4:38	
12.450	434.804	119.1	4:42	
12.517	434.815	119.1	4:46	
12.583	434.815	119.1	4:50	
12.650	434.830	119.1	4:54	
12.717	434.826	119.1	4:58	
12.783	434.811	119.1	5: 2	
12.850	434.826	119.1	5: 6	
12.917	434.807	119.1	5:10	
12.983	434.852	119.1	5:14	
13.050	434.852	119.1	5:18	
13.117	434.852	119.1	5:22	
13.183	434.863	119.2	5:26	

COMMENCE SURFACE
SAMPLING PROCEDURE.

10/29/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (INITIAL FLOW PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
13.250	434.848	119.2	5:30	13/10/84
13.317	434.893	119.2	5:34	
13.383	434.889	119.2	5:38	
13.450	434.859	119.2	5:42	
13.517	434.889	119.2	5:46	
13.583	434.855	119.2	5:50	
13.650	434.870	119.2	5:54	
13.717	434.885	119.2	5:58	
13.850	434.866	119.2	6: 6	
13.917	434.866	119.2	6:10	
13.983	434.881	119.2	6:14	
14.050	434.877	119.3	6:18	
14.117	434.892	119.3	6:22	
14.183	434.907	119.3	6:26	
14.250	434.892	119.3	6:30	
14.317	434.797	119.3	6:34	
14.383	434.842	119.3	6:38	
14.450	434.903	119.3	6:42	

BYPASS SEPERATOR.
END OF FLOW PERIOD.

STATOIL
34/10-21
GULLFAKS SOUTH

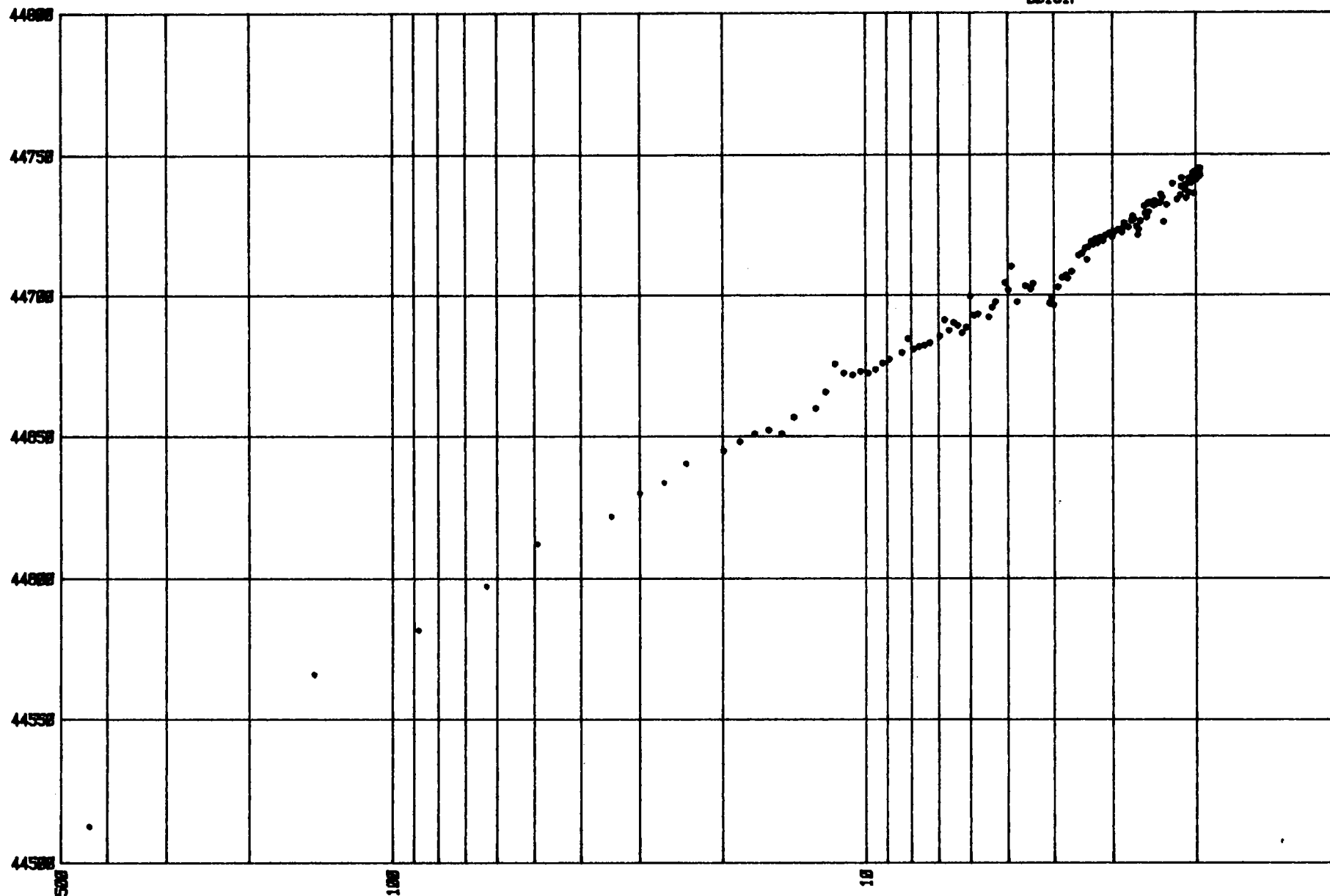
NL Sperry-Sun, Inc.

HORNER PLOT

11 OCTOBER 1984
DST NO. 2.
GAUGE 0101 (TOP CARRIER).
00101F

Scale 1 inch = 50 KPA

PRESSURE



T = 14.5 hours

$(T+P)/P$

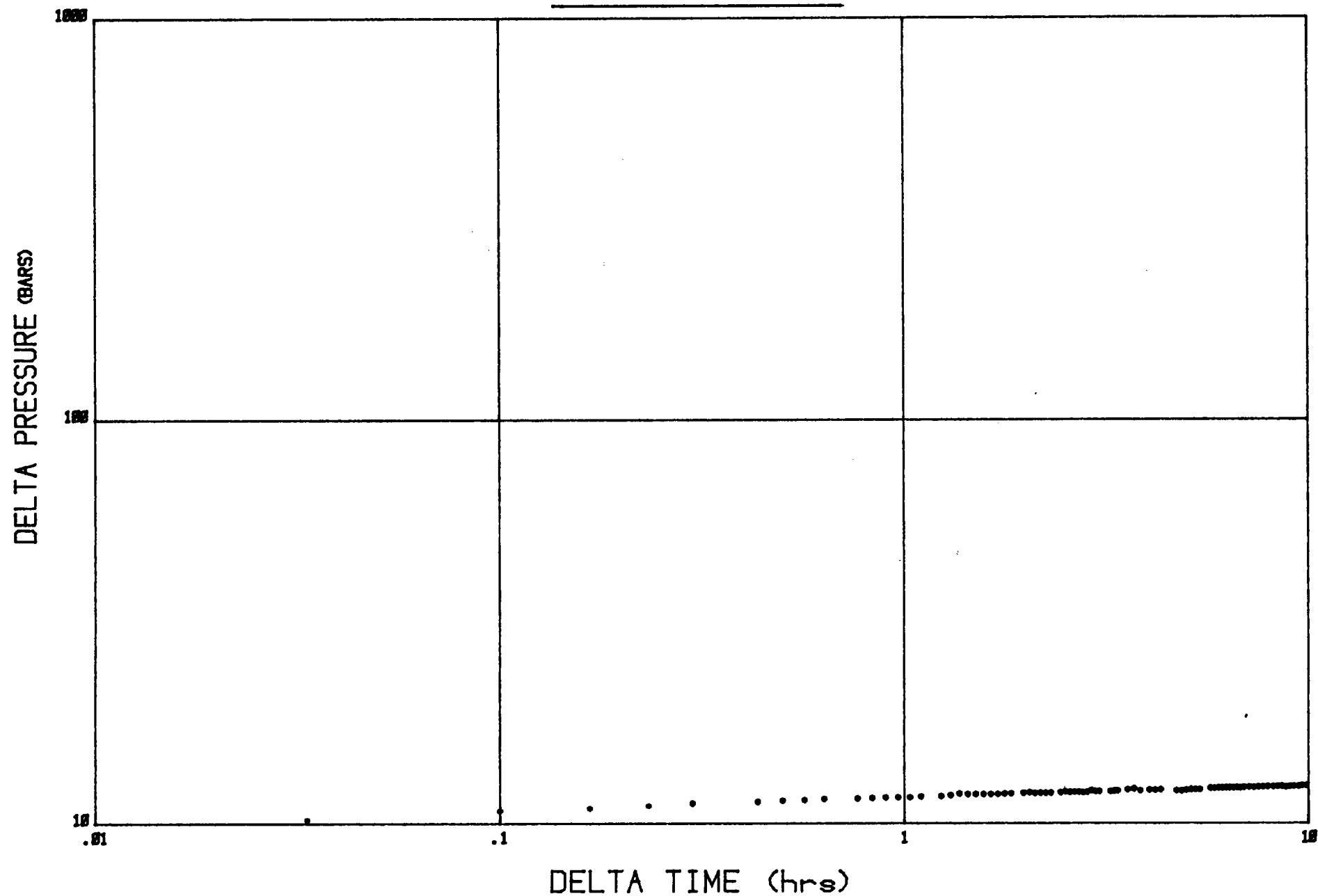
FIRST BUILD-UP PERIOD.

STATOIL
34/18-21
GULLFAKS SOUTH

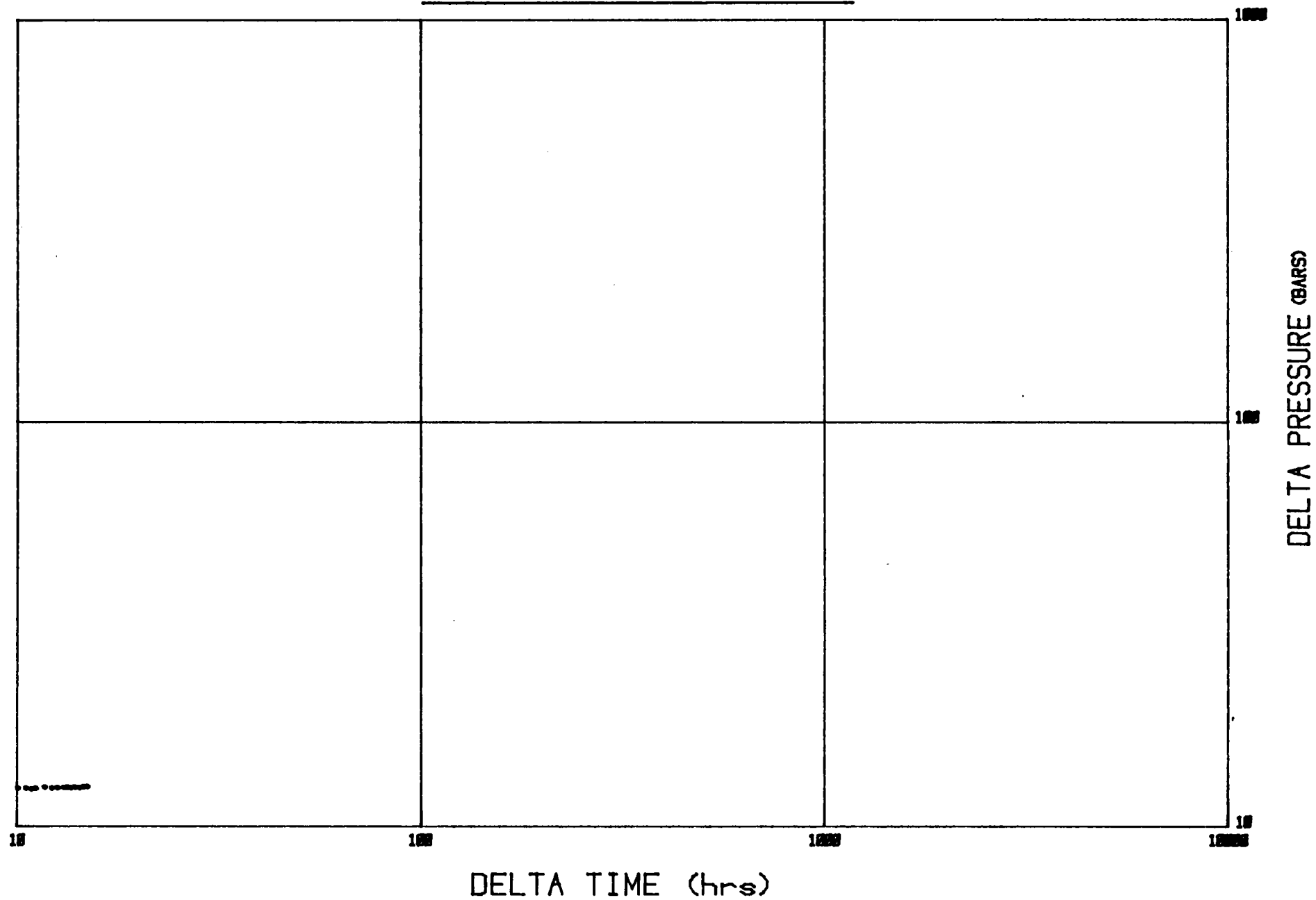
NL Sperry-Sun, Inc.
LOG(ΔP) Vs LOG(ΔT) PLOT

11 OCTOBER 1984
DST NO. 2.
GAUGE #181 (TOP CARRIER).
DB181F

FIRST BUILD-UP PERIOD.



FIRST BUILD-UP PERIOD (Continued).



3/13/85

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (INITIAL BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
-0.017	434.903	119.3	6:42	13/10/84 WELL SHUT-IN AT LPR-N
0.050	445.126	119.3	6:46	VALVE AT 06:43
0.117	445.656	119.3	6:50	CLOSE CHOKE MANIFOLD
0.183	445.814	119.2	6:54	AT 06:44
0.250	445.972	119.1	6:58	
0.317	446.121	118.8	7: 2	
0.450	446.218	118.7	7:10	
0.517	446.300	118.6	7:14	
0.583	446.337	118.4	7:18	
0.650	446.404	118.3	7:22	
0.783	446.447	118.2	7:30	
0.850	446.479	118.1	7:34	
0.917	446.507	118.1	7:38	
0.983	446.520	118.0	7:42	
1.050	446.507	117.9	7:46	
1.117	446.565	117.8	7:50	
1.250	446.595	117.8	7:58	
1.317	446.653	117.6	8: 2	
1.383	446.753	117.5	8: 6	
1.450	446.720	117.4	8:10	
1.517	446.714	117.4	8:14	
1.583	446.726	117.3	8:18	
1.650	446.720	117.3	8:22	
1.717	446.733	117.2	8:26	
1.783	446.756	117.1	8:30	
1.850	446.769	117.1	8:34	
1.983	446.793	117.0	8:42	
2.050	446.843	117.0	8:46	
2.117	446.806	116.9	8:50	
2.183	446.814	116.9	8:54	
2.250	446.819	116.9	8:58	
2.317	446.827	116.8	9: 2	
2.450	446.851	116.8	9:10	
2.517	446.909	116.7	9:14	
2.583	446.872	116.6	9:18	
2.650	446.900	116.6	9:22	
2.717	446.889	116.5	9:26	
2.783	446.863	116.5	9:30	
2.850	446.883	116.5	9:34	
2.917	446.993	116.5	9:38	
2.983	446.926	116.4	9:42	
3.050	446.930	116.4	9:46	
3.250	446.919	116.4	9:58	
3.317	446.954	116.3	10: 2	
3.383	446.973	116.3	10: 6	
3.583	447.043	116.3	10:18	
3.650	447.016	116.2	10:22	
3.717	447.101	116.2	10:26	
3.850	446.973	116.1	10:34	
3.917	446.977	116.1	10:38	

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11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (INITIAL BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
4.050	447.031	116.1	10:46	13/10/84
4.183	447.020	116.0	10:54	
4.250	447.040	116.0	10:58	
4.317	447.040	116.0	11: 2	
4.717	446.968	116.0	11:26	
4.783	446.988	116.0	11:30	
4.850	446.961	115.9	11:34	
4.983	447.026	115.9	11:42	
5.050	447.031	115.9	11:46	
5.117	447.061	115.9	11:50	
5.183	447.065	115.9	11:54	
5.250	447.070	115.8	11:58	
5.317	447.059	115.8	12: 2	
5.383	447.059	115.8	12: 6	
5.450	447.082	115.8	12:10	
5.717	447.141	115.7	12:26	
5.783	447.149	115.6	12:30	
5.850	447.147	115.6	12:34	
5.917	447.151	115.5	12:38	
5.983	447.166	115.5	12:42	
6.050	447.125	115.5	12:46	
6.117	447.171	115.5	12:50	
6.183	447.175	115.5	12:54	
6.250	447.190	115.5	12:58	
6.317	447.179	115.5	13: 2	
6.383	447.179	115.5	13: 6	
6.450	447.199	115.4	13:10	
6.517	447.183	115.4	13:14	
6.583	447.188	115.4	13:18	
6.650	447.203	115.4	13:22	
6.717	447.207	115.4	13:26	
6.783	447.192	115.4	13:30	
6.850	447.196	115.4	13:34	
6.917	447.211	115.4	13:38	
6.983	447.216	115.3	13:42	
7.050	447.216	115.3	13:46	
7.117	447.220	115.3	13:50	
7.250	447.205	115.3	13:58	
7.317	447.209	115.3	14: 2	
7.383	447.224	115.3	14: 6	
7.450	447.228	115.3	14:10	
7.517	447.228	115.3	14:14	
7.583	447.233	115.2	14:18	
7.650	447.233	115.2	14:22	
7.717	447.233	115.2	14:26	
7.783	447.222	115.2	14:30	
7.850	447.237	115.2	14:34	
7.917	447.256	115.2	14:38	
7.983	447.256	115.2	14:42	
8.183	447.241	115.2	14:54	

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DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (INITIAL BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
8.250	447.246	115.2	14:58	13/10/84
8.317	447.246	115.2	15: 2	
8.383	447.265	115.1	15: 6	
8.450	447.280	115.1	15:10	
8.517	447.269	115.1	15:14	
8.583	447.269	115.1	15:18	
8.650	447.269	115.1	15:22	
8.717	447.243	115.1	15:26	
8.783	447.213	115.1	15:30	
8.850	447.232	115.1	15:34	
8.917	447.232	115.1	15:38	
8.983	447.263	115.1	15:42	
9.050	447.267	115.0	15:46	
9.117	447.267	115.0	15:50	
9.183	447.271	115.0	15:54	
9.250	447.317	115.0	15:58	
9.317	447.291	115.0	16: 2	
9.450	447.275	115.0	16:10	
9.517	447.325	115.0	16:14	
9.583	447.295	115.0	16:18	
9.650	447.329	114.9	16:22	
9.850	447.329	114.9	16:34	
9.983	447.319	114.9	16:42	
10.050	447.334	114.9	16:46	
10.117	447.338	114.9	16:50	
10.183	447.323	114.9	16:54	
10.517	447.327	114.9	17:14	
10.583	447.357	114.9	17:18	
10.650	447.362	114.8	17:22	
10.717	447.347	114.8	17:26	
10.850	447.260	114.8	17:34	
11.117	447.320	114.8	17:50	
11.717	447.396	114.8	18:26	
12.183	447.340	114.8	18:54	
12.583	447.355	114.8	19:18	
12.650	447.385	114.8	19:22	
12.717	447.416	114.8	19:26	
13.050	447.390	114.8	19:46	
13.117	447.374	114.8	19:50	
13.250	447.344	114.8	19:58	
13.317	447.394	114.7	20: 2	
13.517	447.394	114.7	20:14	
13.583	447.364	114.7	20:18	
13.650	447.413	114.7	20:22	
13.717	447.413	114.7	20:26	
13.783	447.413	114.7	20:30	
13.917	447.398	114.7	20:38	
13.983	447.418	114.7	20:42	
14.050	447.418	114.7	20:46	
14.117	447.433	114.7	20:50	

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OFFSHORE NORWAY
11 OCTOBER 1984
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DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (INITIAL BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
14.183	447.407	114.7	20:54	13/10/84
14.250	447.361	114.7	20:58	
14.317	447.437	114.7	21: 2	
14.383	447.422	114.7	21: 6	
14.517	447.411	114.6	21:14	
14.583	447.426	114.6	21:18	
14.650	447.411	114.6	21:22	
14.717	447.430	114.6	21:26	
14.783	447.446	114.6	21:30	
14.850	447.430	114.6	21:34	
14.917	447.450	114.6	21:38	
14.983	447.435	114.6	21:42	
15.050	447.435	114.6	21:46	
15.117	447.450	114.6	21:50	
15.183	447.424	114.6	21:54	

END OF BUILD-UP PERIOD.

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GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
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DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (SECOND FLOW PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
-0.033	447.424	114.6	21:54	13/10/84 OPEN LPR-N VALVE. WELL
0.033	437.676	114.6	21:58	OPENED ON 52/64" FXD. CHOKE.
0.100	434.902	114.8	22: 2	
0.233	430.544	116.3	22:10	
0.300	430.497	117.1	22:14	
0.367	430.430	117.6	22:18	
0.433	430.423	118.1	22:22	
0.500	430.413	118.3	22:26	
0.567	429.870	118.4	22:30	CHANGE TO 64/64"
0.633	429.104	118.4	22:34	ADJ. CHOKE.
0.700	429.092	118.5	22:38	
0.767	429.144	118.6	22:42	
0.833	427.760	118.7	22:46	CHANGE TO 64/64"
0.967	427.527	118.8	22:54	FXD. CHOKE.
1.033	427.842	118.8	22:58	
1.167	427.826	118.8	23: 6	DIRECT FLOW
1.233	427.807	118.9	23:10	THRU SEPERATOR.
1.300	427.788	118.9	23:14	
1.367	427.727	118.9	23:18	
1.433	427.784	118.9	23:22	
1.500	427.704	118.9	23:26	
1.567	427.643	118.9	23:30	
1.633	427.685	119.0	23:34	
1.700	427.635	119.0	23:38	
1.767	427.605	119.0	23:42	
1.833	427.601	119.0	23:46	
1.900	427.582	119.0	23:50	
2.033	427.521	119.0	23:58	
2.100	427.547	119.1	0: 2	14/10/84
2.167	427.502	119.1	0: 6	
2.233	427.562	119.1	0:10	
2.300	427.517	119.1	0:14	
2.433	427.494	119.1	0:22	
2.500	427.505	119.1	0:26	
2.567	427.481	119.2	0:30	
2.633	427.473	119.2	0:34	
2.767	427.439	119.3	0:42	
2.833	427.446	119.3	0:46	
3.300	427.381	119.3	1:14	
3.367	427.411	119.3	1:18	
3.433	427.362	119.4	1:22	
3.500	427.453	119.4	1:26	
3.633	427.358	119.4	1:34	
3.767	427.358	119.4	1:42	
3.900	427.339	119.4	1:50	
3.967	427.339	119.4	1:54	
4.033	427.365	119.4	1:58	
4.100	427.346	119.5	2: 2	
4.167	427.240	119.5	2: 6	
4.233	427.281	119.5	2:10	

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DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (SECOND FLOW PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME
4.300	427.296	119.5	2:14
4.367	427.277	119.5	2:18
4.433	427.337	119.5	2:22
4.700	427.242	119.5	2:38
4.833	427.303	119.5	2:46
4.900	427.269	119.6	2:50
4.967	427.314	119.6	2:54
5.033	427.269	119.6	2:58
5.700	427.284	119.6	3:38
5.767	427.314	119.6	3:42
5.833	427.234	119.6	3:46
5.900	427.280	119.6	3:50
5.967	427.371	119.6	3:54
6.033	427.265	119.6	3:58
6.100	427.245	119.6	4: 2
6.167	427.276	119.6	4: 6
6.367	427.124	119.6	4:18
6.433	427.230	119.6	4:22
6.500	427.211	119.6	4:26
6.567	427.211	119.6	4:30
6.633	427.211	119.6	4:34
6.700	427.211	119.6	4:38
6.767	427.211	119.6	4:42
6.833	427.192	119.7	4:46
6.900	427.222	119.7	4:50
6.967	427.222	119.7	4:54
7.033	427.207	119.7	4:58
7.100	427.218	119.7	5: 2
7.167	427.203	119.7	5: 6
7.233	427.218	119.7	5:10
7.300	427.203	119.7	5:14
7.367	427.184	119.7	5:18
7.433	427.168	119.7	5:22
7.567	427.199	119.7	5:30
7.633	427.184	119.7	5:34
7.700	427.164	119.7	5:38
7.833	427.164	119.7	5:46
7.900	427.164	119.7	5:50
7.967	427.149	119.7	5:54
8.100	427.164	119.7	6: 2
8.167	427.160	119.8	6: 6
8.233	427.160	119.8	6:10
8.300	427.175	119.8	6:14
8.433	427.160	119.8	6:22
8.500	427.156	119.8	6:26
8.567	427.111	119.8	6:30
8.633	427.171	119.8	6:34
8.833	427.156	119.8	6:46
8.900	427.137	119.8	6:50
9.033	427.137	119.8	6:58

14/10/84

COMMENCE SURFACE
SAMPLING PROCEDURE

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34/10-21

OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (SECOND FLOW PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME
9.167	427.107	119.8	7: 6 14/10/84
9.233	427.122	119.8	7:10
9.367	427.118	119.8	7:18
9.433	427.129	119.9	7:22
9.500	427.110	119.9	7:26
9.567	427.121	119.9	7:30
9.767	427.101	119.9	7:42
9.833	427.101	119.9	7:46
9.900	427.097	120.0	7:50
9.967	427.093	120.0	7:54
10.033	427.029	120.0	7:58
10.100	427.085	120.0	8: 2

END OF FLOW PERIOD.

STATOIL
34/10-21
GULLFAKS SOUTH

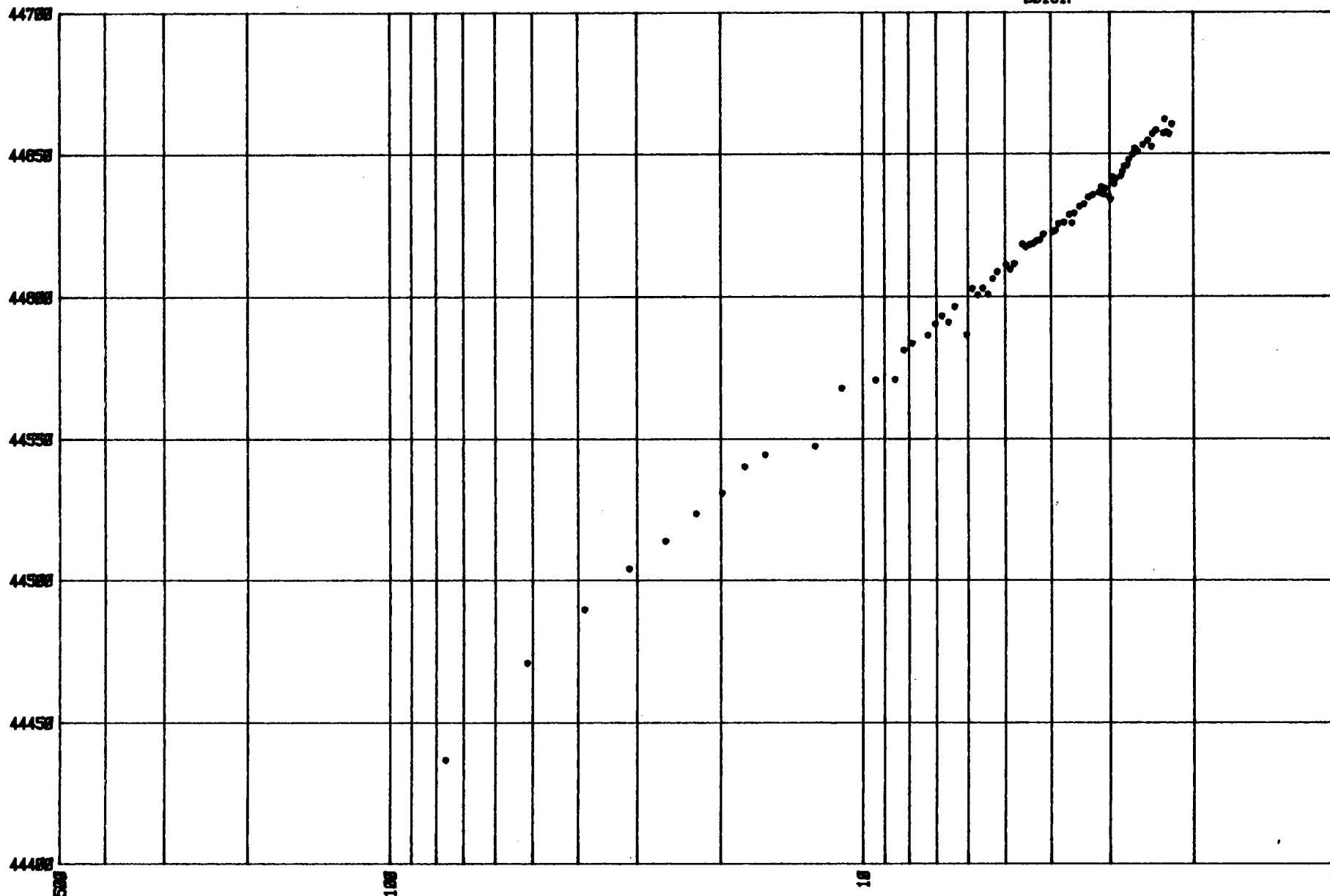
NL Sperry-Sun, Inc.

HORNER PLOT

11 OCTOBER 1984
DST NO. 2
GAUGE 8101 (TOP CARRIER).
D8101F

Scale 1 inch = 50 MPa

PRESSURE



T = 10.0867 hours

$(T+P_T)/P_T$

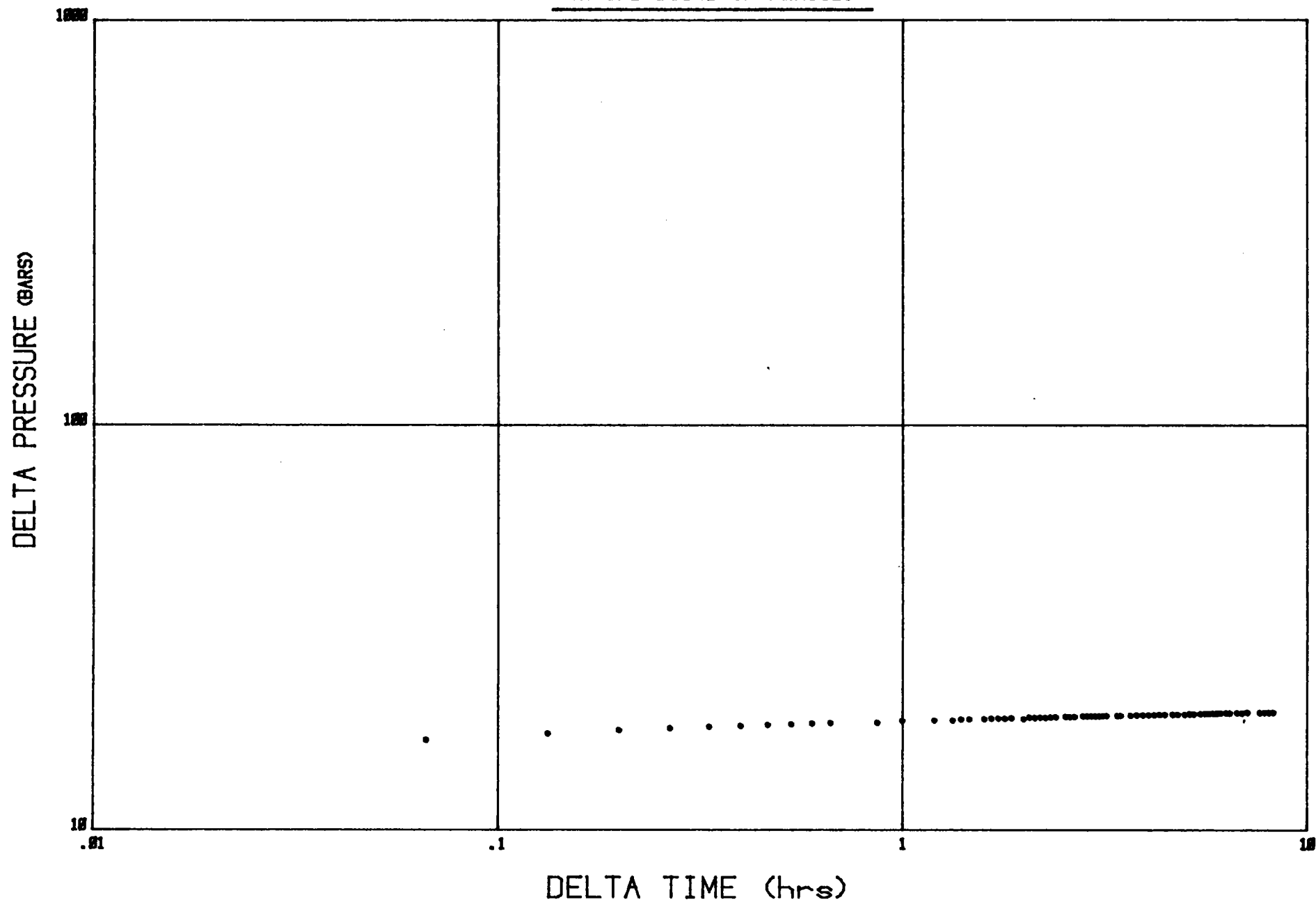
SECOND BUILD-UP PERIOD.

STATOIL
34/18-21
GULLFAKS SOUTH

NL Sperry-Sun, Inc.
LOG(ΔP) Vs LOG(ΔT) PLOT

11 OCTOBER 1984
DST NO. 2
GAUGE #101 (TOP CARRIER).
D0101F

SECOND BUILD-UP PERIOD.



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DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (SECOND BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME
0.000	427.085	120.0	8: 2
0.067	443.740	120.1	8: 6
0.133	444.368	119.9	8:10
0.200	444.707	119.8	8:14
0.267	444.895	119.7	8:18
0.333	445.038	119.6	8:22
0.400	445.135	119.4	8:26
0.467	445.232	119.3	8:30
0.533	445.305	119.2	8:34
0.600	445.398	119.1	8:38
0.667	445.441	119.1	8:42
0.867	445.472	119.1	8:54
1.000	445.679	118.6	9: 2
1.200	445.707	118.5	9:14
1.333	445.709	118.4	9:22
1.400	445.812	118.3	9:26
1.467	445.836	118.3	9:30
1.600	445.864	118.2	9:38
1.667	445.903	118.1	9:42
1.733	445.931	118.1	9:46
1.800	445.909	118.0	9:50
1.867	445.963	118.0	9:54
2.000	445.866	117.9	10: 2
2.067	446.026	117.9	10: 6
2.133	446.004	117.8	10:10
2.200	446.028	117.8	10:14
2.267	446.006	117.7	10:18
2.333	446.060	117.7	10:22
2.400	446.084	117.6	10:26
2.533	446.107	117.6	10:34
2.600	446.092	117.6	10:38
2.667	446.112	117.5	10:42
2.800	446.181	117.5	10:50
2.867	446.170	117.5	10:54
2.933	446.179	117.4	10:58
3.000	446.183	117.4	11: 2
3.067	446.191	117.3	11: 6
3.133	446.196	117.3	11:10
3.200	446.215	117.3	11:14
3.400	446.224	117.2	11:26
3.467	446.228	117.2	11:30
3.533	446.252	117.2	11:34
3.667	446.256	117.1	11:42
3.733	446.264	117.1	11:46
3.800	446.284	117.1	11:50
3.867	446.253	117.1	11:54
3.933	446.288	117.0	11:58
4.000	446.292	117.0	12: 2
4.067	446.312	117.0	12: 6
4.133	446.316	117.0	12:10

14/10/84 WELL SHUT-IN AT LPR-N
VALVE & CHOKE MANIFOLD.

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DST NO.2. GAUGE 0181, SENSING DEPTH 3248.63 M.RKB. (SECOND BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
4.200	446.320	116.9	12:14	14/10/84
4.267	446.325	116.9	12:18	
4.333	446.344	116.9	12:22	
4.400	446.348	116.9	12:26	
4.467	446.353	116.8	12:30	
4.533	446.357	116.8	12:34	
4.667	446.361	116.8	12:42	
4.733	446.381	116.8	12:46	
4.800	446.355	116.7	12:50	
4.867	446.374	116.7	12:54	
5.000	446.348	116.7	13: 2	
5.067	446.337	116.7	13: 6	
5.133	446.417	116.6	13:10	
5.200	446.391	116.6	13:14	
5.267	446.410	116.6	13:18	
5.333	446.415	116.6	13:22	
5.467	446.419	116.5	13:30	
5.533	446.434	116.5	13:34	
5.600	446.454	116.5	13:38	
5.667	446.458	116.5	13:42	
5.733	446.458	116.5	13:46	
5.800	446.477	116.5	13:50	
5.867	446.482	116.4	13:54	
6.000	446.497	116.4	14: 2	
6.067	446.516	116.4	14: 6	
6.133	446.520	116.4	14:10	
6.200	446.505	116.4	14:14	
6.333	446.510	116.4	14:22	
6.467	446.529	116.3	14:30	
6.733	446.544	116.3	14:46	
6.800	446.548	116.3	14:50	
6.933	446.522	116.3	14:58	
7.000	446.568	116.3	15: 2	
7.067	446.572	116.3	15: 6	
7.133	446.576	116.2	15:10	
7.200	446.581	116.2	15:14	
7.267	446.581	116.2	15:18	
7.667	446.570	116.2	15:42	
7.733	446.620	116.2	15:46	
7.867	446.574	116.2	15:54	
8.000	446.578	116.1	16: 2	
8.067	446.567	116.1	16: 6	
8.133	446.572	116.1	16:10	
8.267	446.602	116.1	16:18	
8.400	446.606	116.1	16:26	
9.133	446.626	116.0	17:10	

END OF DATA.
(GAUGE FAILURE).

GAUGE NO. 0001.

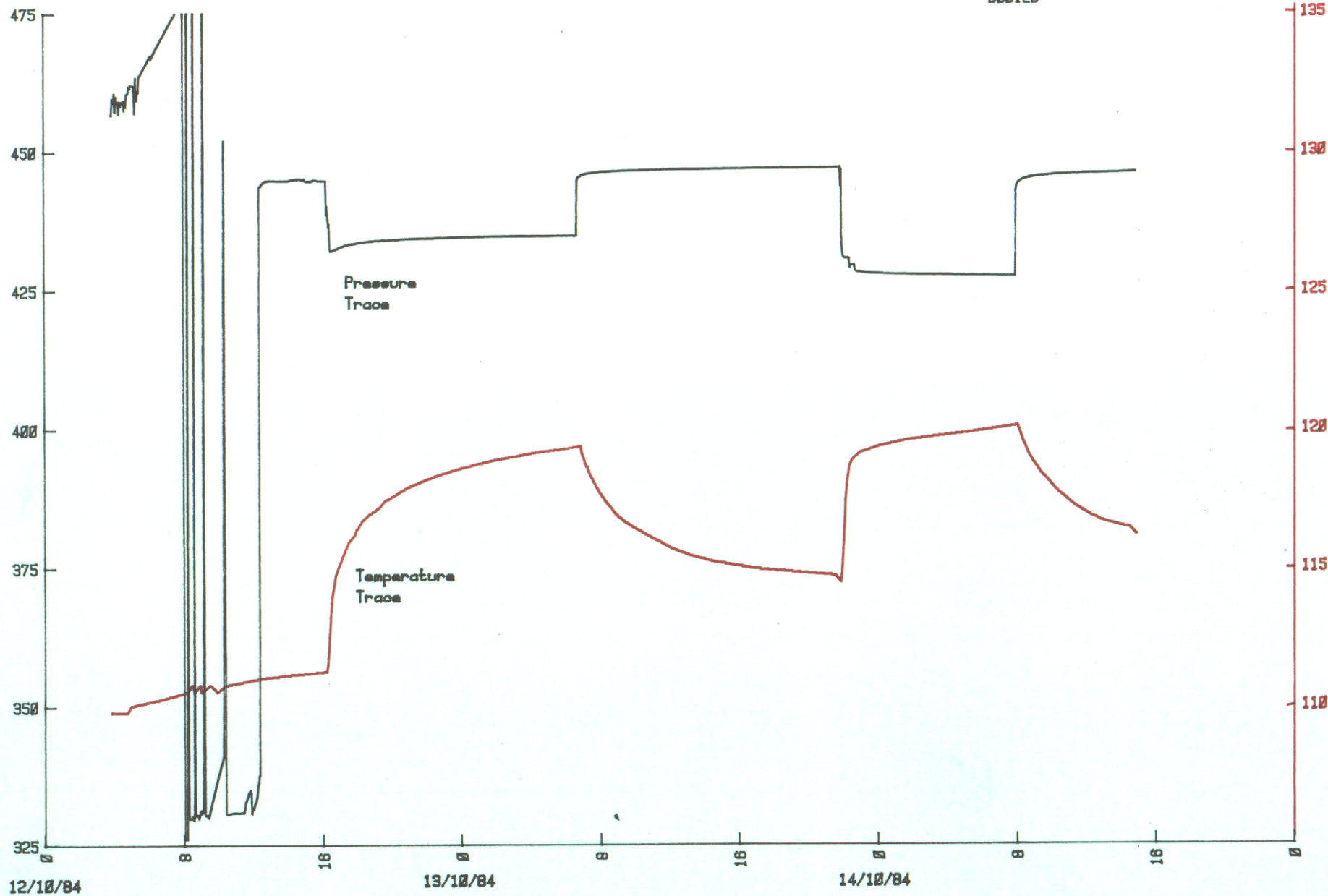
(LOCATION: BOTTOM CARRIER - 3251.83 M.RKB)

STATOIL
34/10-21
GULLFAKS SOUTH

NL Sperry-Sun, Inc. PRESSURE/TEMP. Vs TIME PLOT

11 OCTOBER 1984
DST NO. 2.
GAUGE 0001 (BOTTOM CARRIER).
D0012B

PRESSURE
Scales 1 inch = 25 BARS



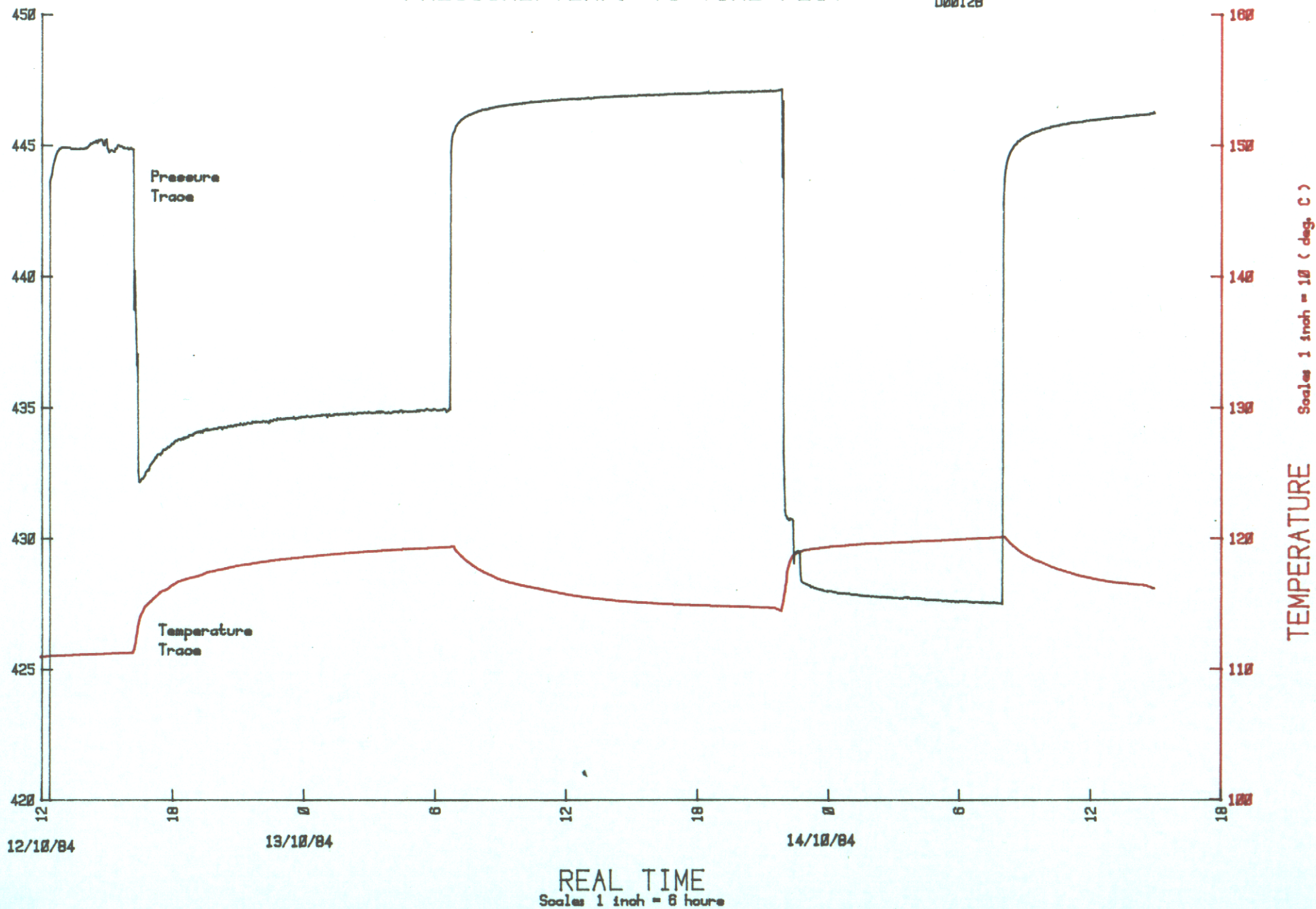
TEMPERATURE
Scales 1 inch = 5 (deg. C)

REAL TIME
Scales 1 inch = 8 hours

STATOIL
34/10-21
GULLFAKS SOUTH

NL Sperry-Sun, Inc.
PRESSURE/TEMP. Vs TIME PLOT

11 OCTOBER 1984
DST NO. 2.
GAUGE 0001 (BOTTOM CARRIER).
D0012B



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SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (PRE-TEST PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME
0.000	458.241	109.8	4:44 12/10/84
0.033	460.422	109.8	4:46
0.067	460.459	109.8	4:48
0.100	460.565	109.9	4:50
0.133	460.697	109.9	4:52
0.167	461.880	110.0	4:54
0.200	461.541	110.0	4:56
0.233	461.689	110.0	4:58
0.267	462.151	110.0	5: 0
0.367	461.959	110.0	5: 6
0.400	461.954	110.1	5: 8
0.433	461.986	110.1	5:10
0.467	461.970	110.1	5:12
0.500	457.082	110.1	5:14
0.533	459.661	110.1	5:16
0.567	463.445	110.1	5:18
0.600	459.990	110.1	5:20
0.633	459.401	110.1	5:22
0.667	460.643	110.1	5:24
0.700	461.041	110.1	5:26
0.733	460.866	110.1	5:28
0.767	463.662	110.1	5:30
0.800	463.822	110.1	5:32
0.833	464.013	110.1	5:34
0.867	464.188	110.1	5:36
0.900	464.379	110.1	5:38
0.933	464.580	110.1	5:40
0.967	464.771	110.1	5:42
1.000	464.962	110.1	5:44
1.033	465.154	110.1	5:46
1.067	465.361	110.1	5:48
1.100	465.546	110.2	5:50
1.133	465.721	110.2	5:52
1.167	465.944	110.2	5:54
1.200	466.135	110.2	5:56
1.233	466.326	110.2	5:58
1.267	466.549	110.2	6: 0
1.300	466.751	110.2	6: 2
1.333	466.958	110.2	6: 4
1.367	467.149	110.2	6: 6
1.400	467.340	110.2	6: 8
1.433	466.751	110.2	6:10
1.467	467.000	110.2	6:12
1.500	467.207	110.2	6:14
1.533	467.414	110.2	6:16
1.567	467.621	110.2	6:18
1.600	467.812	110.2	6:20
1.633	468.029	110.2	6:22
1.667	468.220	110.2	6:24
1.700	468.411	110.2	6:26

SET PACKER

RIH WITH GR-CCL LOG.

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SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (PRE-TEST PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
1.733	468.602	110.2	6:28	12/10/84
1.767	468.825	110.2	6:30	
1.800	469.000	110.2	6:32	
1.833	469.202	110.3	6:34	
1.867	469.393	110.3	6:36	
1.900	469.600	110.3	6:38	
1.933	469.791	110.3	6:40	
1.967	469.982	110.3	6:42	
2.000	470.183	110.3	6:44	
2.033	470.358	110.3	6:46	
2.067	470.565	110.3	6:48	
2.100	470.756	110.3	6:50	
2.133	470.947	110.3	6:52	
2.167	471.117	110.3	6:54	
2.200	471.324	110.3	6:56	
2.233	471.515	110.3	6:58	
2.267	471.722	110.3	7: 0	
2.300	471.891	110.3	7: 2	
2.333	472.082	110.3	7: 4	
2.367	472.274	110.3	7: 6	
2.400	472.465	110.3	7: 8	
2.433	472.666	110.4	7:10	
2.467	472.873	110.4	7:12	
2.500	473.080	110.4	7:14	
2.533	473.287	110.4	7:16	
2.567	473.462	110.4	7:18	
2.600	473.647	110.4	7:20	
2.633	473.854	110.4	7:22	
2.667	474.045	110.4	7:24	
2.700	474.221	110.4	7:26	
2.733	474.422	110.4	7:28	
2.767	474.597	110.4	7:30	
2.800	474.788	110.4	7:32	
2.833	474.979	110.4	7:34	
2.867	475.165	110.4	7:36	
2.900	475.340	110.4	7:38	
2.933	475.531	110.4	7:40	
2.967	475.738	110.4	7:42	
3.000	475.907	110.5	7:44	
3.033	476.114	110.5	7:46	
3.067	476.305	110.5	7:48	
3.100	476.496	110.5	7:50	
3.133	476.671	110.5	7:52	
3.167	476.857	110.5	7:54	
3.200	477.032	110.5	7:56	
3.233	477.223	110.5	7:58	
3.267	477.398	110.5	8: 0	
3.300	477.552	110.5	8: 2	
3.333	326.036	110.5	8: 4	
3.367	326.354	110.5	8: 6	

OPEN LPR-N VALVE.

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (PRE-TEST PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
3.400	326.370	110.5	8: 8	12/10/84
3.433	326.255	110.5	8:10	
3.467	326.159	110.5	8:12	
3.500	395.538	110.5	8:14	PRESSURE UP TUBING TO
3.533	708.244	110.6	8:16	ACTIVATE FIRING HEAD.
3.567	331.121	110.6	8:18	
3.600	329.878	110.6	8:20	
3.633	329.890	110.7	8:22	
3.667	329.934	110.7	8:24	
3.700	329.942	110.7	8:26	
3.733	329.939	110.8	8:28	CLOSE & RE-OPEN LPR-N.
3.767	329.808	110.8	8:30	
3.800	330.300	110.8	8:32	
3.833	329.660	110.7	8:34	
3.867	330.342	110.6	8:36	
3.900	567.174	110.5	8:38	PRESSURE UP TUBING TO
3.933	335.370	110.6	8:40	ACTIVATE FIRING HEAD.
3.967	330.807	110.6	8:42	
4.000	330.469	110.6	8:44	
4.033	330.466	110.6	8:46	
4.067	330.474	110.7	8:48	
4.100	330.486	110.7	8:50	
4.133	329.847	110.7	8:52	
4.167	330.336	110.8	8:54	
4.200	330.809	110.8	8:56	
4.233	331.281	110.7	8:58	
4.267	331.359	110.6	9: 0	CLOSE & RE-OPEN LPR-N.
4.300	330.782	110.5	9: 2	
4.333	331.255	110.6	9: 4	
4.367	331.049	110.6	9: 6	
4.400	331.029	110.6	9: 8	
4.433	497.591	110.6	9:10	PRESSURE UP TUBING TO
4.467	446.173	110.6	9:12	ACTIVATE FIRING HEAD.
4.500	330.434	110.6	9:14	
4.533	330.446	110.7	9:16	
4.567	330.462	110.7	9:18	
4.600	330.506	110.7	9:20	
4.633	330.470	110.7	9:22	
4.667	330.073	110.7	9:24	CLOSE LPR-N VALVE.
4.700	330.022	110.7	9:26	
4.733	330.511	110.8	9:28	
4.767	330.987	110.8	9:30	
4.800	331.460	110.8	9:32	
4.833	331.924	110.8	9:34	
4.900	332.834	110.7	9:38	
4.933	333.266	110.7	9:40	
4.967	333.731	110.7	9:42	
5.000	334.164	110.7	9:44	
5.033	334.593	110.7	9:46	
5.067	335.025	110.6	9:48	

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (PRE-TEST PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
5.100	335.474	110.6	9:50	12/10/84
5.133	335.907	110.6	9:52	
5.167	336.308	110.6	9:54	
5.200	336.756	110.5	9:56	
5.233	337.166	110.6	9:58	
5.267	337.547	110.6	10: 0	
5.300	337.956	110.6	10: 2	
5.333	338.350	110.6	10: 4	
5.367	338.715	110.6	10: 6	
5.400	339.124	110.6	10: 8	
5.433	339.502	110.7	10:10	
5.467	339.883	110.7	10:12	
5.500	340.261	110.7	10:14	
5.533	340.654	110.7	10:16	
5.567	341.083	110.7	10:18	
5.600	422.887	110.7	10:20	
5.633	452.124	110.8	10:22	
5.700	330.781	110.8	10:26	
5.733	330.650	110.8	10:28	
5.767	330.697	110.8	10:30	
5.800	330.666	110.8	10:32	
5.833	330.745	110.8	10:34	
5.867	330.662	110.8	10:36	
5.900	330.773	110.8	10:38	
5.933	330.789	110.8	10:40	
5.967	330.821	110.8	10:42	
6.000	330.868	110.8	10:44	
6.033	330.868	110.8	10:46	
6.067	330.896	110.8	10:48	
6.100	330.896	110.8	10:50	
6.133	330.912	110.8	10:52	
6.167	330.896	110.8	10:54	
6.200	330.928	110.8	10:56	
6.233	330.928	110.8	10:58	
6.267	330.925	110.9	11: 0	
6.300	330.909	110.9	11: 2	
6.333	330.909	110.9	11: 4	
6.367	330.893	110.9	11: 6	
6.400	330.893	110.9	11: 8	
6.433	330.893	110.9	11:10	
6.467	330.893	110.9	11:12	
6.500	330.937	110.9	11:14	
6.533	330.937	110.9	11:16	
6.567	330.953	110.9	11:18	
6.600	330.968	110.9	11:20	
6.633	330.968	110.9	11:22	
6.667	330.968	110.9	11:24	
6.700	330.981	110.9	11:26	
6.733	331.171	110.9	11:28	
6.767	331.616	110.9	11:30	

OPEN LPR-N VALVE

PRESSURE UP TUBING &
ATTEMPT TO PERFORATE

3/13/85

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (PRE-TEST PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
6.800	332.776	110.9	11:32	12/10/84
6.833	333.014	110.9	11:34	
6.867	333.125	110.9	11:36	
6.900	333.550	110.9	11:38	
6.933	333.915	110.9	11:40	
6.967	334.281	110.9	11:42	
7.000	334.567	110.9	11:44	
7.033	334.726	110.9	11:46	
7.067	334.853	110.9	11:48	
7.100	334.976	110.9	11:50	
7.133	334.595	110.9	11:52	
7.167	330.783	110.9	11:54	
7.200	331.450	110.9	11:56	
7.233	331.608	110.9	11:58	
7.267	331.672	110.9	12: 0	
7.300	331.942	110.9	12: 2	
7.333	332.351	111.0	12: 4	
7.367	332.732	111.0	12: 6	
7.400	332.923	111.0	12: 8	
7.433	333.336	111.0	12:10	
7.467	333.781	111.0	12:12	
7.500	334.909	111.0	12:14	
7.533	336.001	111.0	12:16	
7.567	336.382	111.0	12:18	
7.600	337.494	111.0	12:20	
7.633	337.780	111.0	12:22	

RIH WITH DETONATING BAR.

GUNS FIRED.

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
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DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (INITIAL STATIC PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
0.000	337.780	111.0	12:22	12/10/84 GUNS FIRED.
0.033	443.607	111.0	12:24	
0.067	443.750	111.0	12:26	
0.100	443.824	111.0	12:28	
0.133	443.904	111.0	12:30	
0.167	444.158	111.0	12:32	
0.200	444.301	111.0	12:34	
0.233	444.413	111.0	12:36	
0.267	444.492	111.0	12:38	
0.300	444.588	111.0	12:40	
0.333	444.667	111.0	12:42	
0.367	444.747	111.0	12:44	
0.400	444.789	111.0	12:46	
0.433	444.821	111.0	12:48	
0.467	444.869	111.0	12:50	
0.500	444.885	111.0	12:52	
0.533	444.901	111.0	12:54	
0.567	444.917	111.0	12:56	
0.600	444.917	111.0	12:58	
0.633	444.932	111.0	13: 0	
0.667	444.917	111.0	13: 2	
0.700	444.917	111.0	13: 4	
0.733	444.917	111.0	13: 6	
0.767	444.927	111.1	13: 8	
0.800	444.911	111.1	13:10	
0.833	444.911	111.1	13:12	
0.867	444.911	111.1	13:14	
0.900	444.911	111.1	13:16	
0.933	444.911	111.1	13:18	
0.967	444.895	111.1	13:20	
1.000	444.864	111.1	13:22	
1.033	444.864	111.1	13:24	
1.067	444.864	111.1	13:26	
1.100	444.879	111.1	13:28	
1.133	444.858	111.1	13:30	
1.167	444.858	111.1	13:32	
1.200	444.874	111.1	13:34	
1.233	444.858	111.1	13:36	
1.267	444.858	111.1	13:38	
1.300	444.858	111.1	13:40	
1.333	444.858	111.1	13:42	
1.367	444.858	111.1	13:44	
1.400	444.858	111.1	13:46	
1.433	444.890	111.1	13:48	
1.467	444.885	111.1	13:50	
1.500	444.869	111.1	13:52	
1.533	444.869	111.1	13:54	
1.567	444.869	111.1	13:56	
1.600	444.885	111.1	13:58	
1.633	444.885	111.1	14: 0	

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

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STATOIL
GULLFAKS SOUTH
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DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (INITIAL STATIC PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME
1.667	444.901	111.1	14: 2
1.700	444.885	111.1	14: 4
1.733	444.917	111.1	14: 6
1.767	444.933	111.1	14: 8
1.800	444.964	111.1	14:10
1.833	444.991	111.1	14:12
1.867	445.023	111.1	14:14
1.900	445.070	111.1	14:16
1.933	445.055	111.1	14:18
1.967	445.070	111.1	14:20
2.000	445.102	111.1	14:22
2.033	445.118	111.1	14:24
2.067	445.102	111.1	14:26
2.100	445.134	111.1	14:28
2.133	445.150	111.1	14:30
2.167	445.182	111.1	14:32
2.200	445.097	111.2	14:34
2.233	445.129	111.2	14:36
2.267	445.208	111.2	14:38
2.300	445.177	111.2	14:40
2.333	445.192	111.2	14:42
2.367	445.224	111.2	14:44
2.400	445.208	111.2	14:46
2.433	445.192	111.2	14:48
2.467	445.065	111.2	14:50
2.500	445.002	111.2	14:52
2.533	445.002	111.2	14:54
2.567	445.187	111.2	14:56
2.600	445.155	111.2	14:58
2.633	445.235	111.2	15: 0
2.667	444.885	111.2	15: 2
2.700	444.853	111.2	15: 4
2.733	444.742	111.2	15: 6
2.767	444.758	111.2	15: 8
2.800	444.790	111.2	15:10
2.833	444.821	111.2	15:12
2.867	444.821	111.2	15:14
2.900	444.790	111.2	15:16
2.933	444.768	111.2	15:18
2.967	444.752	111.2	15:20
3.000	444.768	111.2	15:22
3.033	444.880	111.2	15:24
3.067	444.880	111.2	15:26
3.100	444.896	111.2	15:28
3.133	444.991	111.2	15:30
3.167	445.007	111.2	15:32
3.200	445.007	111.2	15:34
3.233	444.959	111.2	15:36
3.267	444.954	111.2	15:38
3.300	444.970	111.2	15:40

12/10/84

RIH WITH GEOSERVICES
PRESSURE GAUGESSET GAUGES IN
"F" NIPPLE

3/13/85

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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STATOIL
GULLFAKS SOUTH
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DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (INITIAL STATIC PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
3.333	444.954	111.2	15:42	12/10/84
3.367	444.938	111.2	15:44	
3.400	444.890	111.2	15:46	
3.433	444.922	111.2	15:48	
3.467	444.890	111.2	15:50	
3.567	444.890	111.2	15:56	
3.600	444.906	111.2	15:58	
3.633	444.843	111.2	16: 0	
3.667	444.890	111.2	16: 2	
3.700	444.869	111.3	16: 4	
3.733	444.901	111.3	16: 6	
3.767	444.901	111.3	16: 8	
3.800	444.853	111.3	16:10	
3.833	444.853	111.3	16:12	
3.867	444.853	111.3	16:14	

WELL OPENED TO FLOW.

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME
-0.017	444.853	111.3	16:14
0.017	438.735	111.4	16:16
0.050	440.220	111.5	16:18
0.083	439.262	111.8	16:20
0.117	437.986	112.0	16:22
0.150	436.610	112.5	16:24
0.183	437.036	112.7	16:26
0.217	432.579	113.2	16:28
0.250	432.163	113.5	16:30
0.283	432.159	113.7	16:32
0.317	432.219	114.0	16:34
0.350v	432.257	114.1	16:36v
0.383v	432.279	114.2	16:38v
0.417	432.286	114.3	16:40
0.450v	432.339	114.5	16:42v
0.483	432.377	114.6	16:44
0.517	432.415	114.7	16:46
0.550v	432.511	114.8	16:48v
0.583	432.564	114.8	16:50
0.617	432.581	114.9	16:52
0.650v	432.634	115.0	16:54v
0.683	432.608	115.0	16:56
0.717	432.693	115.1	16:58
0.750v	432.794	115.1	17: 0
0.783	432.847	115.2	17: 2
0.817	432.869	115.2	17: 4
0.850v	432.917	115.3	17: 6v
0.883	432.938	115.3	17: 8
0.917	432.986	115.4	17:10
0.950	433.024	115.4	17:12
0.983v	433.093	115.5	17:14v
1.017	433.083	115.5	17:16
1.050	433.136	115.6	17:18
1.083	433.205	115.6	17:20
1.117	433.226	v 115.7	17:22
1.150	433.232	v 115.7	17:24
1.183	433.222	115.8	17:26
1.217	433.196	115.8	17:28
1.250	433.265	115.9	17:30
1.283	433.270	115.9	17:32
1.317	433.344	116.0	17:34
1.350	433.403	116.0	17:36
1.383	433.398	116.0	17:38
1.417	433.393	116.0	17:40
1.450	433.435	116.1	17:42
1.483	433.430	116.1	17:44
1.517	433.472	116.1	17:46
1.550	433.515	116.1	17:48
1.583	433.478	v 116.2	17:50
1.617	433.489	116.2	17:52

12/10/84 WELL OPENED ON 36/64"
FIXED CHOKE.

GAS TO SURFACE

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
1.650	433.526	116.2	17:54	12/10/84
1.683	433.547	116.3	17:56	
1.717	433.553	116.3	17:58	
1.750	433.622	116.4	18: 0	
1.783	433.612	116.4	18: 2	
1.817	433.628	116.4	18: 4	
1.850	433.670	116.5	18: 6	
1.883	433.707	116.5	18: 8	
1.917	433.734	116.5	18:10	
1.950	433.724	116.6	18:12	
1.983	433.735	116.6	18:14	
2.017	433.772	116.6	18:16	
2.050	433.783	116.7	18:18	
2.083	433.793	116.7	18:20	
2.117	433.788	116.7	18:22	
2.150	433.756	116.7	18:24	
2.183	433.783	116.7	18:26	
2.217	433.825	116.8	18:28	
2.250	433.789	116.8	18:30	
2.283	433.863	116.8	18:32	
2.317	433.826	116.8	18:34	
2.350	433.858	116.8	18:36	
2.383	433.868	116.9	18:38	
2.417	433.863	116.9	18:40	
2.450	433.890	116.9	18:42	
2.483	433.874	116.9	18:44	
2.517	433.948	116.9	18:46	
2.550	433.932	116.9	18:48	
2.583	433.959	117.0	18:50	
2.617	433.959	117.0	18:52	
2.650	433.938	117.0	18:54	
2.683	433.948	117.0	18:56	
2.717	434.012	117.0	18:58	
2.750	434.007	117.0	19: 0	
2.783	434.038	117.0	19: 2	
2.817	434.049	117.1	19: 4	
2.850	434.065	117.1	19: 6	
2.883	434.076	117.1	19: 8	
2.917	434.055	117.1	19:10	
2.950	434.086	117.1	19:12	
2.983	434.081	117.1	19:14	
3.017	434.050	117.1	19:16	
3.050	434.108	117.2	19:18	
3.083	434.087	117.2	19:20	
3.117	434.050	117.2	19:22	
3.150	434.140	117.2	19:24	
3.183	434.119	117.3	19:26	
3.217	434.130	117.3	19:28	
3.250	434.156	117.3	19:30	
3.283	434.183	117.3	19:32	

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
3.317	434.130	117.4	19:34	12/10/84
3.350	434.188	117.4	19:36	
3.383	434.136	117.4	19:38	
3.417	434.146	117.4	19:40	
3.450	434.162	117.4	19:42	
3.483	434.157	117.5	19:44	
3.583	434.173	117.5	19:50	
3.617	434.168	117.5	19:52	
3.650	434.200	117.5	19:54	
3.683	434.194	117.5	19:56	
3.717	434.194	117.5	19:58	
3.750	434.189	117.5	20: 0	
3.783	434.184	117.6	20: 2	
3.817	434.216	117.6	20: 4	
3.850	434.242	117.6	20: 6	
3.883	434.242	117.6	20: 8	
3.917	434.253	117.6	20:10	
3.950	434.237	117.6	20:12	
3.983	434.248	117.6	20:14	
4.017	434.169	117.6	20:16	
4.050	434.227	117.7	20:18	
4.083	434.243	117.7	20:20	
4.117	434.269	117.7	20:22	
4.150	434.238	117.7	20:24	
4.183	434.248	117.7	20:26	
4.217	434.233	117.7	20:28	
4.250	434.259	117.7	20:30	
4.283	434.291	117.7	20:32	
4.317	434.286	117.8	20:34	
4.350	434.270	117.8	20:36	
4.383	434.280	117.8	20:38	
4.417	434.328	117.8	20:40	
4.450	434.307	117.8	20:42	
4.483	434.275	117.8	20:44	
4.517	434.286	117.8	20:46	
4.550	434.318	117.8	20:48	
4.583	434.328	117.9	20:50	
4.617	434.344	117.9	20:52	
4.650	434.307	117.9	20:54	
4.683	434.355	117.9	20:56	
4.717	434.350	117.9	20:58	
4.750	434.350	117.9	21: 0	
4.783	434.350	117.9	21: 2	
4.817	434.345	117.9	21: 4	
4.850	434.408	117.9	21: 6	
4.883	434.392	117.9	21: 8	
4.917	434.371	118.0	21:10	
4.950	434.340	118.0	21:12	
4.983	434.350	118.0	21:14	
5.017	434.398	118.0	21:16	

DIRECT FLOW
THROUGH SEPARATOR

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
5.050	434.382	118.0	21:18	12/10/84
5.083	434.361	118.0	21:20	
5.117	434.393	118.0	21:22	
5.150	434.393	118.0	21:24	
5.183	434.435	118.0	21:26	
5.217	434.435	118.0	21:28	
5.250	434.419	118.0	21:30	
5.283	434.398	118.1	21:32	
5.317	434.414	118.1	21:34	
5.350	434.414	118.1	21:36	
5.383	434.409	118.1	21:38	
5.417	434.472 V	118.1	21:40	
5.450	434.467	118.1	21:42	
5.483	434.451	118.1	21:44	
5.517	434.467	118.1	21:46	
5.550	434.446	118.1	21:48	
5.583	434.478	118.1	21:50	
5.617	434.462	118.1	21:52	
5.650	434.473	118.1	21:54	
5.683	434.473	118.1	21:56	
5.717	434.457	118.1	21:58	
5.750	434.452	118.2	22: 0	
5.783	434.468	118.2	22: 2	
5.817	434.468	118.2	22: 4	
5.850	434.462	118.2	22: 6	
5.883	434.494	118.2	22: 8	
5.917	434.494	118.2	22:10	
5.950	434.489	118.2	22:12	
5.983	434.457	118.2	22:14	
6.017	434.473	118.2	22:16	
6.050	434.489	118.2	22:18	
6.083	434.484	118.2	22:20	
6.117	434.452	118.2	22:22	
6.150	434.420	118.2	22:24	
6.183	434.494	118.3	22:26	
6.217	434.463	118.3	22:28	
6.250	434.526	118.3	22:30	
6.283	434.505	118.3	22:32	
6.317	434.505 V	118.3	22:34	
6.350	434.505	118.3	22:36	
6.383	434.548	118.3	22:38	
6.417	434.548	118.3	22:40	
6.450	434.532	118.3	22:42	
6.483	434.527	118.3	22:44	
6.517	434.527	118.3	22:46	
6.550	434.590	118.3	22:48	
6.583	434.590	118.3	22:50	
6.617	434.569	118.4	22:52	
6.650	434.569	118.4	22:54	
6.683	434.601	118.4	22:56	

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
6.717	434.564	118.4	22:58	12/10/84
6.750	434.580	118.4	23: 0	
6.783	434.580	118.4	23: 2	
6.817	434.564	118.4	23: 4	
6.850	434.590	118.4	23: 6	
6.883	434.574	118.4	23: 8	
6.917	434.574	118.4	23:10	
6.950	434.606	118.4	23:12	
6.983	434.585	118.4	23:14	
7.017	434.585	118.4	23:16	
7.050	434.617	118.4	23:18	
7.083	434.585	118.4	23:20	
7.117	434.596	118.5	23:22	
7.150	434.612	118.5	23:24	
7.183	434.628	118.5	23:26	
7.217	434.612	118.5	23:28	
7.250	434.622	118.5	23:30	
7.283	434.607	118.5	23:32	
7.317	434.654	118.5	23:34	
7.350	434.607 V	118.5	23:36	
7.383	434.570	118.5	23:38	
7.417	434.617	118.5	23:40	
7.450	434.601	118.5	23:42	
7.483	434.617	118.5	23:44	
7.517	434.617	118.5	23:46	
7.550	434.644	118.5	23:48	
7.583	434.644	118.5	23:50	
7.617	434.628	118.5	23:52	
7.650	434.660	118.5	23:54	
7.683	434.670	118.6	23:56	
7.717	434.654	118.6	23:58	
7.750	434.654	118.6	0: 0	13/10/84
7.783	434.670	118.6	0: 2	
7.817	434.649	118.6	0: 4	
7.850	434.665	118.6	0: 6	
7.883	434.665	118.6	0: 8	
7.917	434.697	118.6	0:10	
7.950	434.692	118.6	0:12	
7.983	434.676	118.6	0:14	
8.017	434.660	118.6	0:16	
8.050	434.660	118.6	0:18	
8.083	434.655	118.6	0:20	
8.117	434.671	118.6	0:22	
8.150	434.687	118.6	0:24	
8.183	434.687	118.6	0:26	
8.217	434.687	118.6	0:28	
8.250	434.681	118.7	0:30	
8.283	434.681	118.7	0:32	
8.317	434.697	118.7	0:34	
8.350	434.697	118.7	0:36	

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
8.383	434.713	118.7	0:38	13/10/84
8.417	434.708	118.7	0:40	
8.450	434.708	118.7	0:42	
8.483	434.708	118.7	0:44	
8.517	434.692	118.7	0:46	
8.550	434.708	118.7	0:48	
8.583	434.734 V	118.7	0:50	
8.617	434.719	118.7	0:52	
8.650	434.734	118.7	0:54	
8.683	434.734	118.7	0:56	
8.717	434.729	118.7	0:58	
8.750	434.729	118.7	1: 0	
8.783	434.729	118.7	1: 2	
8.817	434.745	118.7	1: 4	
8.850	434.650	118.7	1: 6	
8.883	434.724	118.8	1: 8	
8.917	434.740	118.8	1:10	
8.950	434.756	118.8	1:12	
8.983	434.708	118.8	1:14	
9.017	434.708	118.8	1:16	
9.050	434.719	118.8	1:18	
9.083	434.719	118.8	1:20	
9.117	434.735	118.8	1:22	
9.150	434.719	118.8	1:24	
9.183	434.767	118.8	1:26	
9.217	434.746	118.8	1:28	
9.250	434.746	118.8	1:30	
9.283	434.761	118.8	1:32	
9.317	434.777	118.8	1:34	
9.350	434.730	118.8	1:36	
9.383	434.740	118.8	1:38	
9.417	434.756	118.8	1:40	
9.450	434.756	118.8	1:42	
9.483	434.772	118.8	1:44	
9.517	434.751	118.9	1:46	
9.550	434.767	118.9	1:48	
9.583	434.783	118.9	1:50	
9.617	434.767	118.9	1:52	
9.650	434.767	118.9	1:54	
9.683	434.778	118.9	1:56	
9.717	434.746	118.9	1:58	
9.750	434.778	118.9	2: 0	
9.783	434.762	118.9	2: 2	
9.850	434.793	118.9	2: 6	
9.883	434.793	118.9	2: 8	
9.917	434.788	118.9	2:10	
9.950	434.772	118.9	2:12	
9.983	434.804 V	118.9	2:14	
10.017	434.772	118.9	2:16	
10.050	434.757	118.9	2:18	

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
10.083	434.788	118.9	2:20	13/10/84
10.117	434.783	118.9	2:22	
10.150	434.767	118.9	2:24	
10.183	434.783	118.9	2:26	
10.217	434.783	118.9	2:28	
10.250	434.815	118.9	2:30	
10.283	434.815	118.9	2:32	
10.317	434.825	119.0	2:34	
10.350	434.825	119.0	2:36	
10.383	434.825	119.0	2:38	
10.417	434.794	119.0	2:40	
10.450	434.794	119.0	2:42	
10.483	434.810	119.0	2:44	
10.517	434.825	119.0	2:46	
10.550	434.836	119.0	2:48	
10.583	434.836	119.0	2:50	
10.617	434.820	119.0	2:52	
10.650	434.820	119.0	2:54	
10.683	434.820	119.0	2:56	
10.717	434.820	119.0	2:58	
10.750	434.847	119.0	3: 0	
10.783	434.831	119.0	3: 2	
10.817	434.831	119.0	3: 4	
10.850	434.815	119.0	3: 6	
10.883	434.831	119.0	3: 8	
10.917	434.799	119.0	3:10	
10.950	434.815	119.0	3:12	
10.983	434.826	119.0	3:14	
11.017	434.826	119.0	3:16	
11.050	434.826	119.0	3:18	
11.083	434.842	119.0	3:20	
11.117	434.858	119.0	3:22	
11.150	434.826	119.0	3:24	
11.183	434.837	119.1	3:26	
11.217	434.868	119.1	3:28	
11.250	434.821	119.1	3:30	
11.283	434.837	119.1	3:32	
11.317	434.868	119.1	3:34	
11.350	434.837	119.1	3:36	
11.383	434.863	119.1	3:38	
11.417	434.847	119.1	3:40	
11.450	434.831	119.1	3:42	
11.483	434.816	119.1	3:44	
11.517	434.816	119.1	3:46	
11.550	434.831	119.1	3:48	
11.583	434.816	119.1	3:50	
11.617	434.826	119.1	3:52	
11.650	434.842	119.1	3:54	
11.683	434.826	119.1	3:56	
11.717	434.810	119.1	3:58	

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME
11.750	434.810	119.1	4: 0 13/10/84
11.783	434.826	119.1	4: 2
11.817	434.837	119.1	4: 4
11.850	434.853	119.1	4: 6
11.883	434.869	119.1	4: 8
11.917	434.853	119.1	4:10
11.950	434.869	119.1	4:12
11.983	434.869	119.1	4:14
12.017	434.853	119.1	4:16
12.050	434.863	119.2	4:18
12.083	434.832	119.2	4:20
12.117	434.863	119.2	4:22
12.150	434.879	119.2	4:24
12.183	434.895	119.2	4:26
12.217	434.895	119.2	4:28
12.250	434.895	119.2	4:30
12.283	434.832	119.2	4:32
12.317	434.874	119.2	4:34
12.350	434.858	119.2	4:36
12.383	434.874	119.2	4:38
12.417	434.874	119.2	4:40
12.450	434.874	119.2	4:42
12.483	434.858	119.2	4:44
12.517	434.858	119.2	4:46
12.550	434.858	119.2	4:48
12.583	434.869	119.2	4:50
12.617	434.869	119.2	4:52
12.650	434.869	119.2	4:54
12.683	434.869	119.2	4:56
12.717	434.869	119.2	4:58
12.750	434.869	119.2	5: 0
12.783	434.885	119.2	5: 2
12.817	434.885	119.2	5: 4
12.850	434.880	119.2	5: 6
12.883	434.864	119.2	5: 8
12.917	434.880	119.2	5:10
12.950	434.911	119.2	5:12
12.983	434.880	119.2	5:14
13.017	434.911	119.2	5:16
13.050	434.880	119.2	5:18
13.083	434.911	119.2	5:20
13.117	434.922	119.3	5:22
13.150	434.922	119.3	5:24
13.250	434.890	119.3	5:30
13.283	434.922	119.3	5:32
13.317	434.922	119.3	5:34
13.350	434.938	119.3	5:36
13.383	434.969	119.3	5:38
13.417	434.954	119.3	5:40
13.450	434.933	119.3	5:42

COMMENCE SURFACE
SAMPLING PROCEDURE

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (INITIAL FLOW PERIOD).

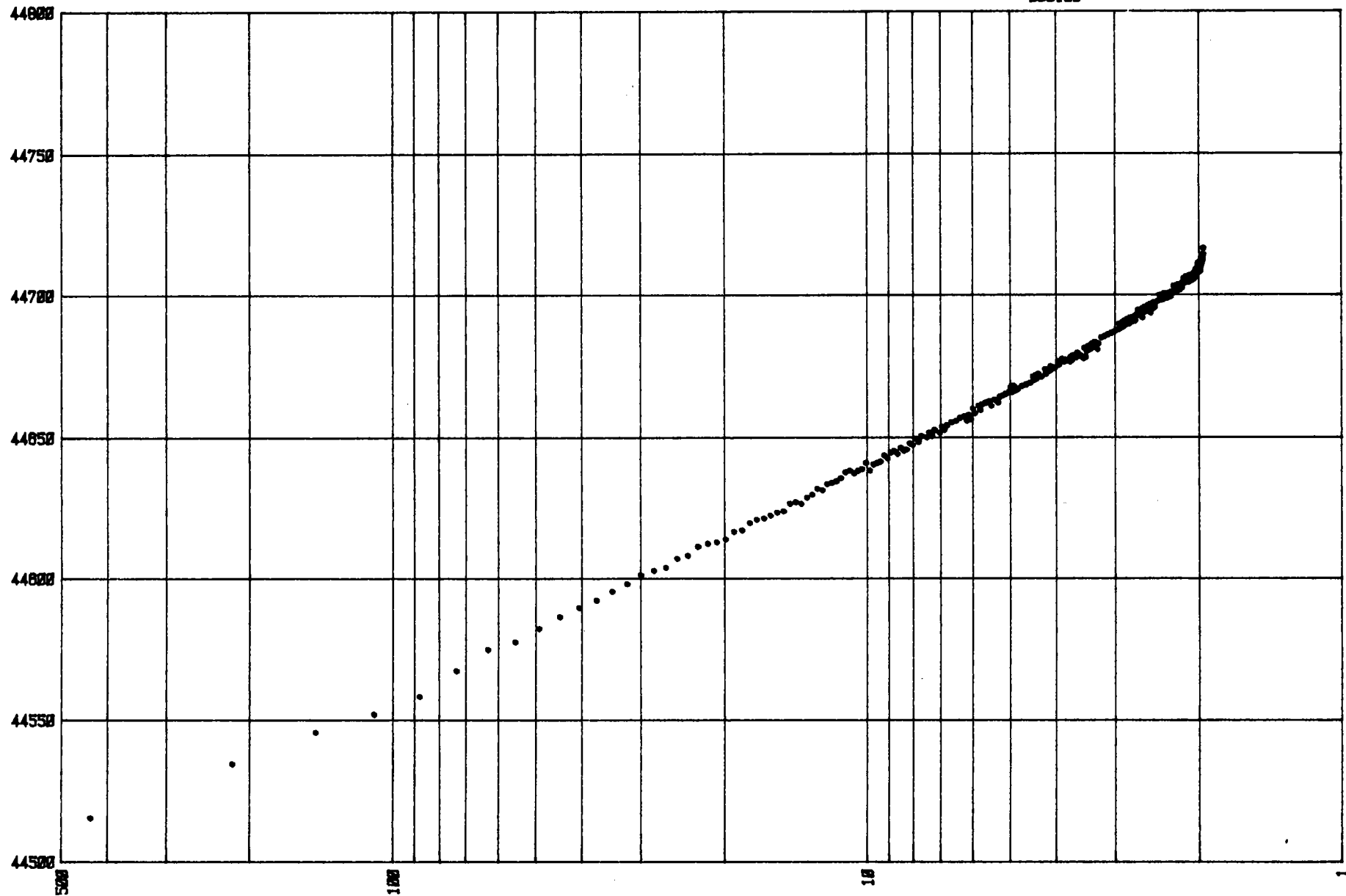
DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
13.483	434.917	119.3	5:44	13/10/84
13.517	434.933	119.3	5:46	
13.550	434.917	119.3	5:48	
13.583	434.901	119.3	5:50	
13.617	434.933 ✓	119.3	5:52	
13.650	434.933	119.3	5:54	
13.683	434.933	119.3	5:56	
13.717	434.959 ✓	119.3	5:58	
13.750	434.943	119.3	6: 0	
13.783	434.943 ✓	119.3	6: 2	
13.817	434.927	119.3	6: 4	
13.850	434.912 ✓	119.3	6: 6	
13.883	434.912	119.3	6: 8	
13.917	434.927 ✓	119.3	6:10	
13.950	434.912	119.3	6:12	
13.983	434.922 ✓	119.3	6:14	
14.017	434.938	119.3	6:16	
14.050	434.922 ✓	119.3	6:18	
14.083	434.922	119.3	6:20	
14.117	434.938 ✓	119.3	6:22	
14.150	434.954	119.3	6:24	
14.183	434.970 ✓	119.3	6:26	
14.217	434.954	119.3	6:28	
14.250	434.933 ✓	119.4	6:30	
14.283	434.854	119.4	6:32	
14.317	434.886 ✓	119.4	6:34	
14.350	434.886	119.4	6:36	
14.383	434.917 ✓	119.4	6:38	
14.417	434.965	119.4	6:40	
14.450	434.949 ✓	119.4	6:42	

BYPASS SEPERATOR.
END OF FLOW PERIOD.

STATOIL
34/10-21
GULLFAKS SOUTH

NL Sperry-Sun, Inc.
HORNER PLOT

11 OCTOBER 1984
DST NO. 2.
GAUGE 0001 (BOTTOM CARRIER).
000128



T = 14.5 hours

$(T+DT)/DT$

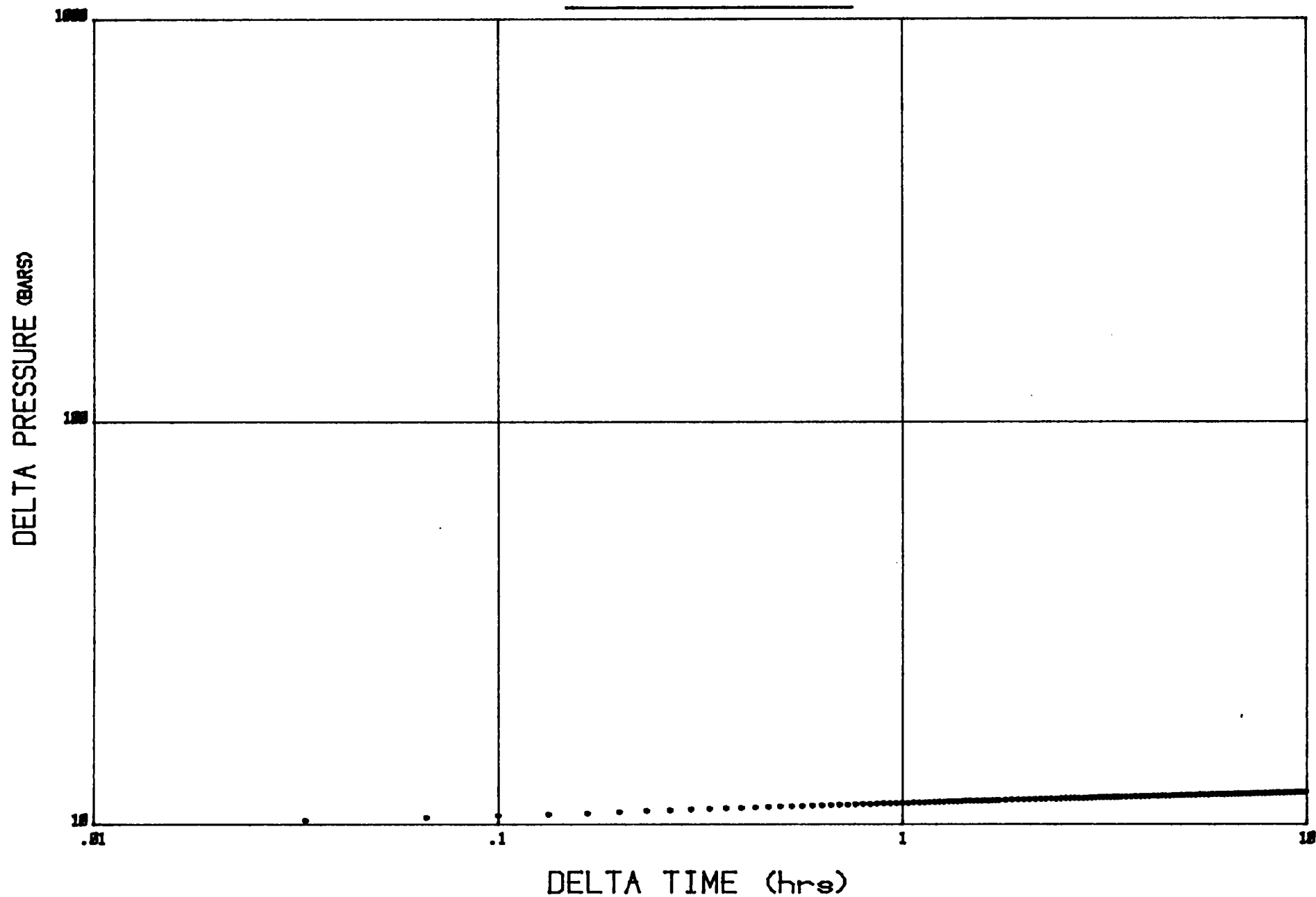
FIRST BUILD-UP PERIOD.

STATOIL
34/18-21
GULLFAKS SOUTH

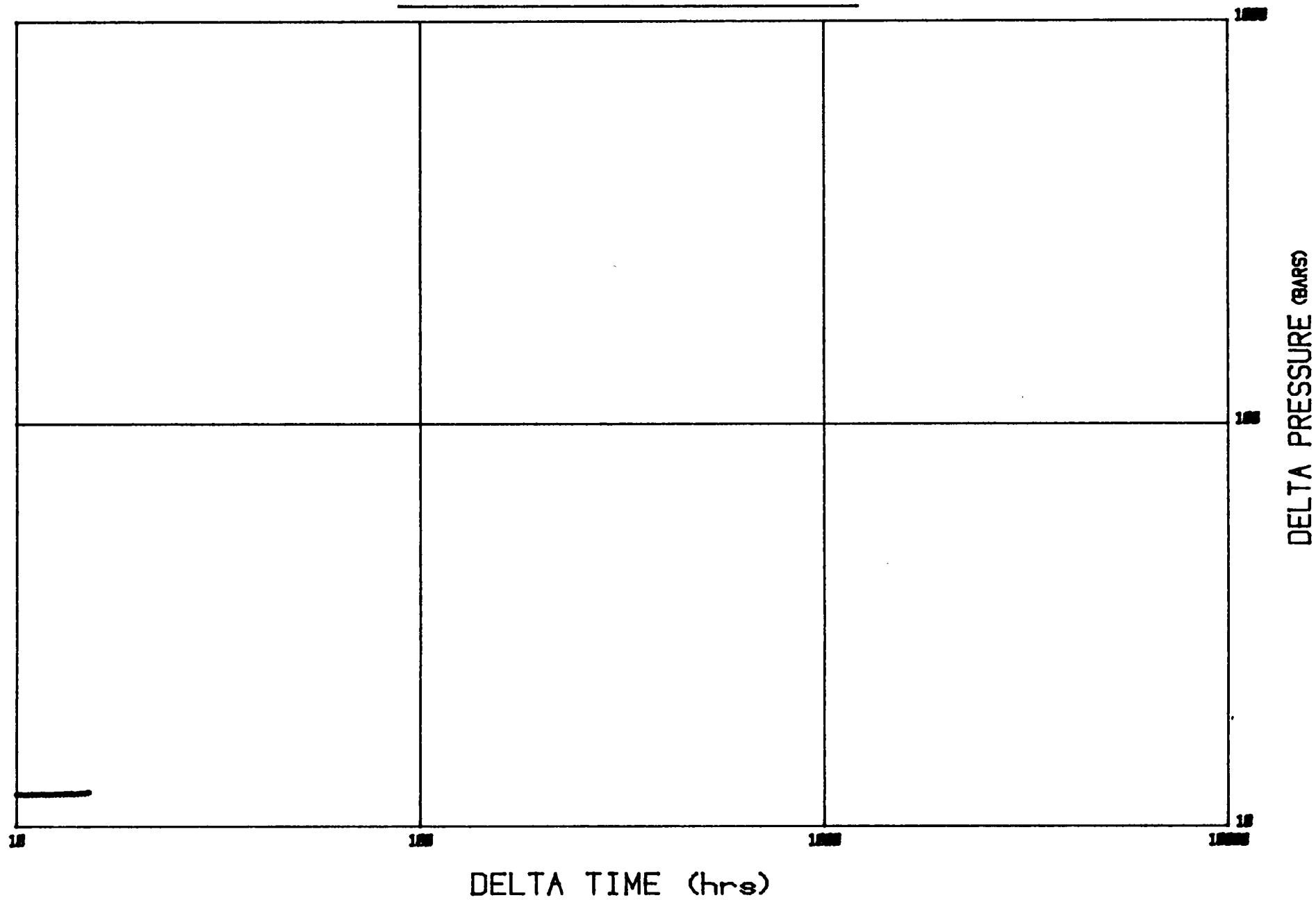
NL Sperry-Sun, Inc.
LOG(ΔP) Vs LOG(ΔT) PLOT

11 OCTOBER 1984
DST NO. 2
GAUGE 8801 (BOTTOM CARRIER).
D88128

FIRST BUILD-UP PERIOD.



FIRST BUILD-UP PERIOD (Continued).



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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (INITIAL BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME
---------------------	---------------------------	----------------	------

-0.017	434.949	119.4	6:42	13/10/84 WELL SHUT-IN AT LPR-N VALVE AT 06:43 CLOSE CHOKE MANIFOLD AT 06:44
0.017	444.767	✓ 119.4	6:44	
0.050	445.157	✓ 119.4	6:46	
0.083	445.347	✓ 119.4	6:48	
0.117	445.458	✓ 119.4	6:50	
0.150	445.522	✓ 119.4	6:52	
0.183	445.585	✓ 119.4	6:54	
0.217	445.675	✓ 119.3	6:56	
0.250	445.749	✓ 119.1	6:58	
0.283	445.775	✓ 119.1	7: 0	
0.317	445.823	✓ 119.0	7: 2	
0.350	445.865	✓ 119.0	7: 4	
0.383	445.897	✓ 118.9	7: 6	
0.417	445.923	118.8	7: 8	
0.450	445.955	✓ 118.8	7:10	
0.483	445.982	118.7	7:12	
0.517	446.013	118.6	7:14	
0.550	446.029	✓ 118.6	7:16	
0.583	446.040	118.6	7:18	
0.617	446.072	118.5	7:20	
0.650	446.082	✓ 118.5	7:22	
0.683	446.114	118.4	7:24	
0.717	446.125	118.3	7:26	
0.750	446.130	✓ 118.3	7:28	
0.783	446.141	118.3	7:30	
0.817	446.167	118.2	7:32	
0.850	446.172	✓ 118.2	7:34	
0.883	446.199	118.1	7:36	
0.917	446.209	118.1	7:38	
0.950	446.215	118.1	7:40	
0.983	446.225	✓ 118.0	7:42	
1.017	446.236	118.0	7:44	
1.050	446.241	118.0	7:46	
1.083	446.268	117.9	7:48	
1.117	446.273	117.9	7:50	
1.150	446.268	117.8	7:52	
1.183	446.289	✓ 117.8	7:54	
1.217	446.300	117.8	7:56	
1.250	446.321	117.7	7:58	
1.283	446.316	117.7	8: 0	
1.317	446.337	117.7	8: 2	
1.350	446.342	✓ 117.6	8: 4	
1.383	446.347	117.6	8: 6	
1.417	446.358	117.6	8: 8	
1.450	446.379	117.5	8:10	
1.483	446.384	117.5	8:12	
1.517	446.374	117.5	8:14	
1.550	446.384	117.4	8:16	
1.583	446.390	✓ 117.4	8:18	
1.617	446.411	117.4	8:20	

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

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GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (INITIAL BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
1.650	446.385	117.4	8:22	13/10/84
1.683	446.406	117.3	8:24	
1.717	446.411	117.3	8:26	
1.750	446.416	117.3	8:28	
1.783	446.437	117.3	8:30	
1.817	446.427	117.2	8:32	
1.850	446.448	117.2	8:34	
1.883	446.453	117.2	8:36	
1.917	446.443	117.2	8:38	
1.950	446.464	117.1	8:40	
1.983	446.453	117.1	8:42	
2.017	446.459	117.1	8:44	
2.050	446.480	117.1	8:46	
2.083	446.475	117.0	8:48	
2.117	446.496	117.0	8:50	
2.150	446.485	117.0	8:52	
2.183	446.506	116.9	8:54	
2.217	446.512	116.9	8:56	
2.250	446.501	116.9	8:58	
2.283	446.517	116.9	9: 0	
2.317	446.507	116.9	9: 2	
2.350	446.528	116.8	9: 4	
2.383	446.533	116.8	9: 6	
2.417	446.517	116.8	9: 8	
2.450	446.538	116.8	9:10	
2.483	446.528	116.8	9:12	
2.517	446.544	116.8	9:14	
2.550	446.549	116.7	9:16	
2.583	446.554	116.7	9:18	
2.617	446.560	116.7	9:20	
2.650	446.560	116.7	9:22	
2.683	446.565	116.7	9:24	
2.717	446.570	116.6	9:26	
2.750	446.570	116.6	9:28	
2.783	446.576	116.6	9:30	
2.817	446.560	116.6	9:32	
2.850	446.581	116.6	9:34	
2.883	446.565	116.6	9:36	
2.917	446.602	116.6	9:38	
2.950	446.586	116.6	9:40	
2.983	446.591	116.6	9:42	
3.017	446.613	116.5	9:44	
3.050	446.597	116.5	9:46	
3.083	446.618	116.5	9:48	
3.117	446.618	116.5	9:50	
3.150	446.623	116.5	9:52	
3.183	446.623	116.5	9:54	
3.217	446.629	116.5	9:56	
3.250	446.613	116.5	9:58	
3.283	446.618	116.4	10: 0	

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STATOIL
GULLFAKS SOUTH
34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (INITIAL BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
3.317	446.634	116.4	10: 2	13/10/84
3.350	446.639	116.4	10: 4	
3.383	446.623	116.4	10: 6	
3.417	446.644	116.4	10: 8	
3.450	446.644	116.4	10:10	
3.483	446.650	116.4	10:12	
3.517	446.650	116.4	10:14	
3.550	446.655	116.3	10:16	
3.583	446.655	116.3	10:18	
3.617	446.660	116.3	10:20	
3.650	446.676	116.3	10:22	
3.683	446.660	116.3	10:24	
3.717	446.682	116.3	10:26	
3.750	446.666	116.3	10:28	
3.783	446.671	116.3	10:30	
3.817	446.671	116.3	10:32	
3.850	446.676	116.2	10:34	
3.883	446.676	116.2	10:36	
3.917	446.682	116.2	10:38	
3.950	446.682	116.2	10:40	
3.983	446.687	116.2	10:42	
4.017	446.687	116.2	10:44	
4.050	446.687	116.2	10:46	
4.083	446.692	116.2	10:48	
4.117	446.692	116.2	10:50	
4.150	446.698	116.1	10:52	
4.183	446.713	116.1	10:54	
4.217	446.703	116.1	10:56	
4.250	446.719	116.1	10:58	
4.283	446.708	116.1	11: 0	
4.317	446.724	116.1	11: 2	
4.350	446.729	116.1	11: 4	
4.383	446.729	116.1	11: 6	
4.417	446.713	116.1	11: 8	
4.450	446.719	116.0	11:10	
4.483	446.719	116.0	11:12	
4.517	446.740	116.0	11:14	
4.550	446.724	116.0	11:16	
4.583	446.729	116.0	11:18	
4.617	446.729	116.0	11:20	
4.650	446.735	116.0	11:22	
4.683	446.751	116.0	11:24	
4.717	446.740	115.9	11:26	
4.750	446.740	115.9	11:28	
4.783	446.740	115.9	11:30	
4.817	446.745	115.9	11:32	
4.850	446.745	115.9	11:34	
4.883	446.751	115.9	11:36	
4.917	446.767	115.9	11:38	
4.950	446.756	115.9	11:40	

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34/10-21OFFSHORE NORWAY
11 OCTOBER 1984
NR-MS-40182

DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (INITIAL BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
4.983	446.756	115.9	11:42	13/10/84
5.017	446.761	115.8	11:44	
5.050	446.777	115.8	11:46	
5.083	446.782	115.8	11:48	
5.117	446.767	115.8	11:50	
5.150	446.767	115.8	11:52	
5.183	446.772	115.8	11:54	
5.217	446.772	115.8	11:56	
5.250	446.777	115.8	11:58	
5.283	446.777	115.8	12: 0	
5.317	446.767	115.7	12: 2	
5.350	446.782	115.7	12: 4	
5.383	446.772	115.7	12: 6	
5.417	446.788	115.7	12: 8	
5.450	446.793	115.7	12:10	
5.483	446.793	115.7	12:12	
5.517	446.793	115.7	12:14	
5.550	446.783	115.7	12:16	
5.583	446.798	115.7	12:18	
5.617	446.798	115.7	12:20	
5.650	446.804	115.6	12:22	
5.683	446.804	115.6	12:24	
5.717	446.788	115.6	12:26	
5.750	446.793	115.6	12:28	
5.783	446.793	115.6	12:30	
5.817	446.777	115.6	12:32	
5.850	446.814	115.6	12:34	
5.883	446.814	115.6	12:36	
5.917	446.783	115.6	12:38	
5.950	446.804	115.6	12:40	
5.983	446.820	115.6	12:42	
6.017	446.820	115.6	12:44	
6.050	446.825	115.5	12:46	
6.083	446.809	115.5	12:48	
6.117	446.825	115.5	12:50	
6.150	446.814	115.5	12:52	
6.183	446.830	115.5	12:54	
6.217	446.830	115.5	12:56	
6.250	446.820	115.5	12:58	
6.283	446.836	115.5	13: 0	
6.317	446.836	115.5	13: 2	
6.350	446.825	115.5	13: 4	
6.383	446.825	115.5	13: 6	
6.417	446.809	115.5	13: 8	
6.450	446.830	115.4	13:10	
6.483	446.830	115.4	13:12	
6.517	446.830	115.4	13:14	
6.550	446.830	115.4	13:16	
6.583	446.852	115.4	13:18	
6.617	446.852	115.4	13:20	

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DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (INITIAL BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
6.650	446.852	115.4	13:22	13/10/84
6.683	446.852	115.4	13:24	
6.717	446.857	115.4	13:26	
6.750	446.857	115.4	13:28	
6.783	446.857	115.4	13:30	
6.817	446.857	115.4	13:32	
6.850	446.862	115.4	13:34	
6.883	446.862	115.4	13:36	
6.917	446.862	115.4	13:38	
6.950	446.862	115.4	13:40	
6.983	446.862	115.4	13:42	
7.017	446.867	115.3	13:44	
7.050	446.867	115.3	13:46	
7.083	446.867	115.3	13:48	
7.117	446.867	115.3	13:50	
7.150	446.873	115.3	13:52	
7.183	446.873	115.3	13:54	
7.217	446.873	115.3	13:56	
7.250	446.873	115.3	13:58	
7.283	446.873	115.3	14: 0	
7.317	446.878	115.3	14: 2	
7.350	446.878	115.3	14: 4	
7.383	446.878	115.3	14: 6	
7.417	446.878	115.3	14: 8	
7.450	446.883	115.3	14:10	
7.483	446.899	115.3	14:12	
7.517	446.883	115.3	14:14	
7.550	446.883	115.3	14:16	
7.583	446.889	115.2	14:18	
7.617	446.889	115.2	14:20	
7.650	446.889	115.2	14:22	
7.683	446.905	115.2	14:24	
7.717	446.889	115.2	14:26	
7.750	446.894	115.2	14:28	
7.783	446.910	115.2	14:30	
7.817	446.894	115.2	14:32	
7.850	446.910	115.2	14:34	
7.883	446.915	115.2	14:36	
7.917	446.899	115.2	14:38	
7.950	446.915	115.2	14:40	
7.983	446.899	115.2	14:42	
8.017	446.915	115.2	14:44	
8.050	446.899	115.2	14:46	
8.083	446.905	115.2	14:48	
8.117	446.920	115.2	14:50	
8.150	446.905	115.2	14:52	
8.183	446.905	115.2	14:54	
8.217	446.905	115.2	14:56	
8.250	446.920	115.2	14:58	
8.283	446.920	115.2	15: 0	

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DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (INITIAL BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
8.317	446.910	115.2	15: 2	13/10/84
8.350	446.910	115.2	15: 4	
8.383	446.910	115.2	15: 6	
8.417	446.926	115.2	15: 8	
8.450	446.910	115.2	15:10	
8.483	446.910	115.2	15:12	
8.517	446.910	115.2	15:14	
8.550	446.931	115.1	15:16	
8.583	446.931	V 115.1	15:18	
8.617	446.947	115.1	15:20	
8.650	446.931	115.1	15:22	
8.683	446.931	115.1	15:24	
8.717	446.931	115.1	15:26	
8.750	446.931	115.1	15:28	
8.783	446.936	115.1	15:30	
8.817	446.936	115.1	15:32	
8.850	446.936	115.1	15:34	
8.883	446.936	115.1	15:36	
8.917	446.921	115.1	15:38	
8.950	446.952	115.1	15:40	
8.983	446.952	115.1	15:42	
9.017	446.958	115.1	15:44	
9.050	446.942	115.1	15:46	
9.083	446.958	115.1	15:48	
9.117	446.942	115.1	15:50	
9.150	446.942	115.1	15:52	
9.183	446.942	115.1	15:54	
9.217	446.942	115.1	15:56	
9.250	446.942	115.1	15:58	
9.283	446.947	115.1	16: 0	
9.317	446.963	115.1	16: 2	
9.350	446.963	115.1	16: 4	
9.383	446.963	115.1	16: 6	
9.417	446.963	115.1	16: 8	
9.450	446.963	115.1	16:10	
9.483	446.947	115.1	16:12	
9.517	446.936	115.0	16:14	
9.550	446.968	115.0	16:16	
9.583	446.968	115.0	16:18	
9.617	446.952	115.0	16:20	
9.650	446.968	115.0	16:22	
9.683	446.952	115.0	16:24	
9.717	446.968	115.0	16:26	
9.750	446.958	115.0	16:28	
9.783	446.974	115.0	16:30	
9.817	446.974	115.0	16:32	
9.850	446.958	115.0	16:34	
9.883	446.974	115.0	16:36	
9.917	446.974	115.0	16:38	
9.950	446.974	115.0	16:40	

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DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (INITIAL BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
9.983	446.979	✓ 115.0	16:42	13/10/84
10.017	446.979	115.0	16:44	
10.050	446.979	115.0	16:46	
10.083	446.979	115.0	16:48	
10.117	446.979	115.0	16:50	
10.150	446.979	115.0	16:52	
10.183	446.979	115.0	16:54	
10.217	446.984	115.0	16:56	
10.250	447.000	115.0	16:58	
10.283	446.984	115.0	17: 0	
10.317	446.984	115.0	17: 2	
10.350	446.984	115.0	17: 4	
10.383	447.000	115.0	17: 6	
10.417	447.000	115.0	17: 8	
10.450	446.984	115.0	17:10	
10.483	447.000	115.0	17:12	
10.517	446.984	115.0	17:14	
10.550	446.989	114.9	17:16	
10.583	446.989	114.9	17:18	
10.617	447.005	114.9	17:20	
10.650	447.005	114.9	17:22	
10.683	446.989	114.9	17:24	
10.717	446.989	114.9	17:26	
10.750	446.989	114.9	17:28	
10.783	446.989	114.9	17:30	
10.817	446.989	114.9	17:32	
10.850	447.005	114.9	17:34	
10.883	446.989	114.9	17:36	
10.917	447.005	114.9	17:38	
10.950	446.989	114.9	17:40	
10.983	447.005	114.9	17:42	
11.017	447.011	114.9	17:44	
11.050	447.011	114.9	17:46	
11.083	447.011	114.9	17:48	
11.117	447.011	114.9	17:50	
11.150	447.011	114.9	17:52	
11.183	447.011	114.9	17:54	
11.217	447.011	114.9	17:56	
11.250	446.995	114.9	17:58	
11.283	447.011	114.9	18: 0	
11.317	447.011	114.9	18: 2	
11.350	447.011	114.9	18: 4	
11.383	447.011	114.9	18: 6	
11.417	447.011	114.9	18: 8	
11.450	447.016	114.9	18:10	
11.483	447.016	114.9	18:12	
11.517	447.016	114.9	18:14	
11.550	447.032	114.9	18:16	
11.583	447.016	114.9	18:18	
11.617	447.032	114.9	18:20	

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
11.650	447.016	114.9	18:22	13/10/84
11.683	447.032	114.9	18:24	
11.717	447.032	114.9	18:26	
11.783	447.032	114.9	18:30	
11.817	447.016	114.9	18:32	
11.850	447.032	114.9	18:34	
11.883	447.016	114.9	18:36	
11.917	447.016	114.9	18:38	
11.950	447.021	114.9	18:40	
11.983	447.021	114.9	18:42	
12.017	447.037	114.9	18:44	
12.050	447.021	114.9	18:46	
12.083	447.021	114.9	18:48	
12.117	447.037	114.9	18:50	
12.150	447.021	114.9	18:52	
12.183	447.037	114.9	18:54	
12.217	447.037	114.9	18:56	
12.250	447.021	114.9	18:58	
12.283	447.021	114.9	19: 0	
12.317	447.037	114.9	19: 2	
12.350	447.037	114.9	19: 4	
12.383	447.042	114.8	19: 6	
12.417	447.027	114.8	19: 8	
12.450	447.042	114.8	19:10	
12.483	447.042	114.8	19:12	
12.517	447.042	114.8	19:14	
12.550	447.042	114.8	19:16	
12.583	447.058	114.8	19:18	
12.617	447.042	114.8	19:20	
12.650	447.042	114.8	19:22	
12.683	447.042	114.8	19:24	
12.717	447.042	114.8	19:26	
12.750	447.042	114.8	19:28	
12.783	447.042	114.8	19:30	
12.817	447.042	114.8	19:32	
12.850	447.064	114.8	19:34	
12.883	447.048	114.8	19:36	
12.917	447.048	114.8	19:38	
12.950	447.064	114.8	19:40	
12.983	447.048	114.8	19:42	
13.017	447.048	114.8	19:44	
13.050	447.048	114.8	19:46	
13.083	447.048	114.8	19:48	
13.117	447.064	114.8	19:50	
13.150	447.048	114.8	19:52	
13.183	447.064	114.8	19:54	
13.217	447.064	114.8	19:56	
13.250	447.048	114.8	19:58	
13.283	447.069	114.8	20: 0	
13.317	447.053	114.8	20: 2	

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
13.350	447.069	114.8	20: 4	13/10/84
13.383	447.053	114.8	20: 6	
13.417	447.053	114.8	20: 8	
13.450	447.069	114.8	20:10	
13.483	447.053	114.8	20:12	
13.517	447.069	114.8	20:14	
13.550	447.069	114.8	20:16	
13.583	447.069	114.8	20:18	
13.617	447.069	114.8	20:20	
13.650	447.053	114.8	20:22	
13.683	447.053	114.8	20:24	
13.717	447.069	114.8	20:26	
13.750	447.058	114.8	20:28	
13.783	447.074	114.8	20:30	
13.817	447.074	114.8	20:32	
13.850	447.074	114.8	20:34	
13.883	447.058	114.8	20:36	
13.917	447.074	114.8	20:38	
13.950	447.074	114.8	20:40	
13.983	447.074	114.8	20:42	
14.017	447.074	114.8	20:44	
14.050	447.074	114.8	20:46	
14.083	447.090	114.8	20:48	
14.117	447.090	114.8	20:50	
14.150	447.090	114.8	20:52	
14.183	447.080	114.7	20:54	
14.217	447.080	114.7	20:56	
14.250	447.080	114.7	20:58	
14.283	447.095	114.7	21: 0	
14.317	447.080	114.7	21: 2	
14.350	447.080	114.7	21: 4	
14.383	447.111	114.7	21: 6	
14.417	447.095	114.7	21: 8	
14.450	447.080	114.7	21:10	
14.483	447.095	114.7	21:12	
14.517	447.095	114.7	21:14	
14.550	447.095	114.7	21:16	
14.583	447.095	114.7	21:18	
14.617	447.095	114.7	21:20	
14.650	447.117	114.7	21:22	
14.683	447.101	114.7	21:24	
14.717	447.101	114.7	21:26	
14.750	447.085	114.7	21:28	
14.783	447.101	114.7	21:30	
14.817	447.101	114.7	21:32	
14.850	447.101	114.7	21:34	
14.883	447.106	114.7	21:36	
14.917	447.111	114.7	21:38	
14.950	447.117	114.6	21:40	
14.983	447.122	114.6	21:42	

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
15.017	447.127	114.6	21:44	13/10/84
15.050	447.133	114.6	21:46	
15.083	447.138	114.5	21:48	
15.117	447.143	114.5	21:50	
15.150	447.164	114.5	21:52	
15.183	447.170	114.5	21:54	

END OF BUILD-UP PERIOD.

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DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (SECOND FLOW PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME
-0.033	447.170	114.5	21:54
0.000	443.814	114.7	21:56
0.033	446.714	115.0	21:58
0.067	433.376	115.2	22: 0
0.100	432.274	115.7	22: 2
0.133	431.097 V	115.9	22: 4
0.167	430.884 V	116.4	22: 6
0.200	430.865 V	116.7	22: 8
0.233	430.775 V	117.4	22:10
0.267	430.788 V	117.7	22:12
0.300	430.721 V	117.9	22:14
0.333	430.733 V	118.1	22:16
0.367	430.771 V	118.3	22:18
0.400	430.762 V	118.4	22:20
0.433	430.752 V	118.5	22:22
0.467	430.742 V	118.6	22:24
0.500	430.685	118.7	22:26
0.533	429.059 V	118.7	22:28
0.567	429.461	118.8	22:30
0.600	429.482	118.8	22:32
0.633	429.472 V	118.9	22:34
0.667	429.499	118.9	22:36
0.700	429.493	118.9	22:38
0.733	429.525 V	118.9	22:40
0.767	429.457	119.0	22:42
0.800	429.452	119.0	22:44
0.833	428.686	119.0	22:46
0.867	428.417 V	119.0	22:48
0.900	428.349	119.0	22:50
0.933	428.328	119.1	22:52
0.967	428.307 V	119.1	22:54
1.000	428.291	119.1	22:56
1.033	428.286	119.1	22:58
1.067	428.265	119.1	23: 0
1.100	428.249	119.1	23: 2
1.133	428.260	119.2	23: 4
1.167	428.228 V	119.2	23: 6
1.200	428.228	119.2	23: 8
1.233	428.213	119.2	23:10
1.267	428.208	119.2	23:12
1.300	428.144	119.2	23:14
1.333	428.160	119.2	23:16
1.367	428.155 V	119.2	23:18
1.400	428.155	119.2	23:20
1.433	428.123	119.2	23:22
1.467	428.118	119.2	23:24
1.500	428.118	119.2	23:26
1.533	428.102	119.2	23:28
1.567	428.087	119.2	23:30
1.600	428.097 V	119.3	23:32

13/10/84 OPEN LPR-N VALVE. WELL
OPENED ON 52/64" FXD. CHOKE.CHANGE TO 64/64"
ADJ. CHOKE.CHANGE TO 64/64"
FXD. CHOKE.DIRECT FLOW
THRU SEPERATOR.

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
1.633	428.082	119.3	23:34	13/10/84
1.667	428.066	119.3	23:36	
1.700	428.045	119.3	23:38	
1.733	428.061	119.3	23:40	
1.767	428.045	119.3	23:42	
1.800	428.029	119.3	23:44	
1.833	428.040 V	119.3	23:46	
1.867	428.024	119.3	23:48	
1.900	428.008	119.3	23:50	
1.933	428.003	119.3	23:52	
1.967	428.003	119.3	23:54	
2.000	427.987	119.3	23:56	
2.033	427.998	119.4	23:58	
2.067	427.982	119.4	0: 0	14/10/84
2.100	427.998	119.4	0: 2	
2.133	427.998	119.4	0: 4	
2.167	427.993 V	119.4	0: 6	
2.200	427.993	119.4	0: 8	
2.233	427.993	119.4	0:10	
2.267	427.977	119.4	0:12	
2.300	427.972	119.4	0:14	
2.333	427.972	119.4	0:16	
2.367	427.940	119.4	0:18	
2.400	427.956	119.4	0:20	
2.433	427.956	119.4	0:22	
2.467	427.940	119.4	0:24	
2.500	427.919 V	119.4	0:26	
2.533	427.919	119.4	0:28	
2.567	427.919	119.4	0:30	
2.600	427.935	119.4	0:32	
2.633	427.919	119.4	0:34	
2.667	427.914	119.5	0:36	
2.700	427.914	119.5	0:38	
2.733	427.899	119.5	0:40	
2.767	427.914	119.5	0:42	
2.800	427.914	119.5	0:44	
2.833	427.914	119.5	0:46	
2.867	427.893	119.5	0:48	
2.900	427.893	119.5	0:50	
2.933	427.909 V	119.5	0:52	
2.967	427.893	119.5	0:54	
3.000	427.893	119.5	0:56	
3.033	427.904	119.5	0:58	
3.067	427.888	119.5	1: 0	
3.100	427.873	119.5	1: 2	
3.133	427.873	119.5	1: 4	
3.167	427.857	119.5	1: 6	
3.200	427.857	119.5	1: 8	
3.233	427.852	119.5	1:10	
3.267	427.868	119.5	1:12	

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
3.300	427.868	119.5	1:14	14/10/84
3.333	427.868	119.5	1:16	
3.367	427.852	119.5	1:18	
3.400	427.862	119.5	1:20	
3.433	427.847	119.5	1:22	
3.467	427.847	119.5	1:24	
3.500	427.831	119.5	1:26	
3.533	427.847	119.5	1:28	
3.567	427.831	119.5	1:30	
3.600	427.826	119.6	1:32	
3.633	427.842	119.6	1:34	
3.667	427.826	119.6	1:36	
3.700	427.826	119.6	1:38	
3.733	427.826	119.6	1:40	
3.767	427.821	119.6	1:42	
3.800	427.821	119.6	1:44	
3.833	427.805	119.6	1:46	
3.867	427.821	119.6	1:48	
3.900	427.805	119.6	1:50	
3.933	427.821	119.6	1:52	
4.033	427.784	119.6	1:58	
4.067	427.800	119.6	2: 0	
4.100	427.800	119.6	2: 2	
4.133	427.800	119.6	2: 4	
4.167	427.784	119.6	2: 6	
4.200	427.784	119.6	2: 8	
4.233	427.784	119.6	2:10	
4.267	427.784	119.6	2:12	
4.300	427.795	119.6	2:14	
4.333	427.779	119.6	2:16	
4.367	427.779	119.6	2:18	
4.400	427.779	119.6	2:20	
4.433	427.763	119.6	2:22	
4.467	427.763	119.6	2:24	
4.500	427.763	119.6	2:26	
4.533	427.779	119.6	2:28	
4.567	427.779	119.6	2:30	
4.600	427.763	119.6	2:32	
4.633	427.774	119.7	2:34	
4.667	427.774	119.7	2:36	
4.700	427.758	119.7	2:38	
4.733	427.758	119.7	2:40	
4.767	427.742	119.7	2:42	
4.800	427.774	119.7	2:44	
4.833	427.758	119.7	2:46	
4.867	427.742	119.7	2:48	
4.900	427.758	119.7	2:50	
4.933	427.758	119.7	2:52	
4.967	427.737	119.7	2:54	
5.000	427.753	119.7	2:56	

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
5.033	427.737	119.7	2:58	14/10/84
5.067	427.737	119.7	3: 0	
5.100	427.737	119.7	3: 2	
5.133	427.737	119.7	3: 4	
5.167	427.737	119.7	3: 6	
5.200	427.737	119.7	3: 8	
5.233	427.737	119.7	3:10	
5.267	427.737	119.7	3:12	
5.300	427.732	119.7	3:14	
5.333	427.716	119.7	3:16	
5.367	427.716	119.7	3:18	
5.400	427.732	119.7	3:20	
5.433	427.732	119.7	3:22	
5.467	427.716	119.7	3:24	
5.500	427.716	119.7	3:26	
5.533	427.748	119.7	3:28	
5.567	427.748	119.7	3:30	
5.600	427.748	119.7	3:32	
5.633	427.743	119.7	3:34	
5.667	427.759	119.7	3:36	
5.700	427.727	119.7	3:38	
5.733	427.759	119.7	3:40	
5.767	427.743	119.7	3:42	
5.800	427.743	119.7	3:44	
5.833	427.711	119.7	3:46	
5.867	427.727	119.7	3:48	
5.900	427.711	119.7	3:50	
5.933	427.711	119.7	3:52	
5.967	427.722	119.8	3:54	
6.000	427.722	119.8	3:56	
6.033	427.706	119.8	3:58	
6.067	427.706	119.8	4: 0	
6.100	427.722	119.8	4: 2	
6.133	427.738	119.8	4: 4	
6.167	427.722	119.8	4: 6	
6.200	427.706	119.8	4: 8	
6.233	427.706	119.8	4:10	
6.267	427.722	119.8	4:12	
6.300	427.701	119.8	4:14	
6.333	427.717	119.8	4:16	
6.367	427.685	119.8	4:18	
6.400	427.685	119.8	4:20	
6.433	427.685	119.8	4:22	
6.467	427.685	119.8	4:24	
6.500	427.701	119.8	4:26	
6.533	427.654	119.8	4:28	
6.567	427.669	119.8	4:30	
6.600	427.669	119.8	4:32	
6.633	427.649	119.8	4:34	
6.667	427.649	119.8	4:36	

COMMENCE SURFACE
SAMPLING PROCEDURE

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
6.700	427.649	119.8	4:38	14/10/84
6.733	427.664	119.8	4:40	
6.767	427.664	119.8	4:42	
6.800	427.664	119.8	4:44	
6.833	427.664	119.8	4:46	
6.867	427.664	119.8	4:48	
6.900	427.649	119.8	4:50	
6.933	427.664	119.8	4:52	
6.967	427.659	119.8	4:54	
7.000	427.659	119.8	4:56	
7.033	427.643	119.8	4:58	
7.067	427.659	119.8	5: 0	
7.100	427.643	119.8	5: 2	
7.133	427.643	119.8	5: 4	
7.167	427.659	119.8	5: 6	
7.200	427.643	119.8	5: 8	
7.233	427.643	119.8	5:10	
7.267	427.643	119.8	5:12	
7.300	427.623	119.9	5:14	
7.333	427.638	119.9	5:16	
7.367	427.623	119.9	5:18	
7.400	427.623	119.9	5:20	
7.433	427.638	119.9	5:22	
7.467	427.638	119.9	5:24	
7.500	427.623	119.9	5:26	
7.533	427.638	119.9	5:28	
7.567	427.623	119.9	5:30	
7.600	427.607	119.9	5:32	
7.633	427.618	119.9	5:34	
7.667	427.618	119.9	5:36	
7.700	427.618	119.9	5:38	
7.733	427.586	119.9	5:40	
7.767	427.602	119.9	5:42	
7.800	427.618	119.9	5:44	
7.833	427.618	119.9	5:46	
7.867	427.602	119.9	5:48	
7.900	427.581	119.9	5:50	
7.933	427.581	119.9	5:52	
7.967	427.597	119.9	5:54	
8.000	427.597	119.9	5:56	
8.033	427.581	119.9	5:58	
8.067	427.581	119.9	6: 0	
8.100	427.597	119.9	6: 2	
8.133	427.612	119.9	6: 4	
8.167	427.592	119.9	6: 6	
8.200	427.592	119.9	6: 8	
8.233	427.607	119.9	6:10	
8.267	427.592	119.9	6:12	
8.300	427.592	119.9	6:14	
8.333	427.592	119.9	6:16	

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DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (SECOND FLOW PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
8.367	427.607	119.9	6:18	14/10/84
8.400	427.592	119.9	6:20	
8.433	427.602	120.0	6:22	
8.467	427.587	120.0	6:24	
8.500	427.587	120.0	6:26	
8.533	427.587	120.0	6:28	
8.567	427.571 ✓	120.0	6:30	
8.600	427.587	120.0	6:32	
8.633	427.587	120.0	6:34	
8.667	427.571	120.0	6:36	
8.700	427.566	120.0	6:38	
8.733	427.581	120.0	6:40	
8.767	427.550	120.0	6:42	
8.800	427.566	120.0	6:44	
8.833	427.581	120.0	6:46	
8.867	427.581	120.0	6:48	
8.900	427.581	120.0	6:50	
8.933	427.581	120.0	6:52	
8.967	427.576	120.0	6:54	
9.000	427.561	120.0	6:56	
9.033	427.561	120.0	6:58	
9.067	427.561	120.0	7: 0	
9.100	427.545	120.0	7: 2	
9.133	427.561	120.0	7: 4	
9.167	427.576	120.0	7: 6	
9.200	427.545	120.0	7: 8	
9.233	427.556	120.0	7:10	
9.267	427.540	120.0	7:12	
9.300	427.540	120.0	7:14	
9.333	427.556	120.0	7:16	
9.367	427.540	120.0	7:18	
9.400	427.556	120.0	7:20 ✓	
9.433	427.540	120.0	7:22	
9.467	427.540	120.0	7:24 ✓	
9.500	427.535	120.1	7:26	
9.533	427.550	120.1	7:28 ✓	
9.567	427.550	120.1	7:30	
9.600	427.535	120.1	7:32 ✓	
9.633	427.535	120.1	7:34	
9.667	427.566	120.1	7:36 ✓	
9.700	427.550	120.1	7:38	
9.733	427.535	120.1	7:40 ✓	
9.767	427.545	120.1	7:42	
9.800	427.530	120.1	7:44 ✓	
9.833	427.545	120.1	7:46	
9.867	427.530	120.1	7:48 ✓	
9.900	427.530	120.1	7:50	
9.933	427.530	120.1	7:52 ✓	
9.967	427.530 ✓	120.1	7:54	
10.000	427.530	120.1	7:56 ✓	

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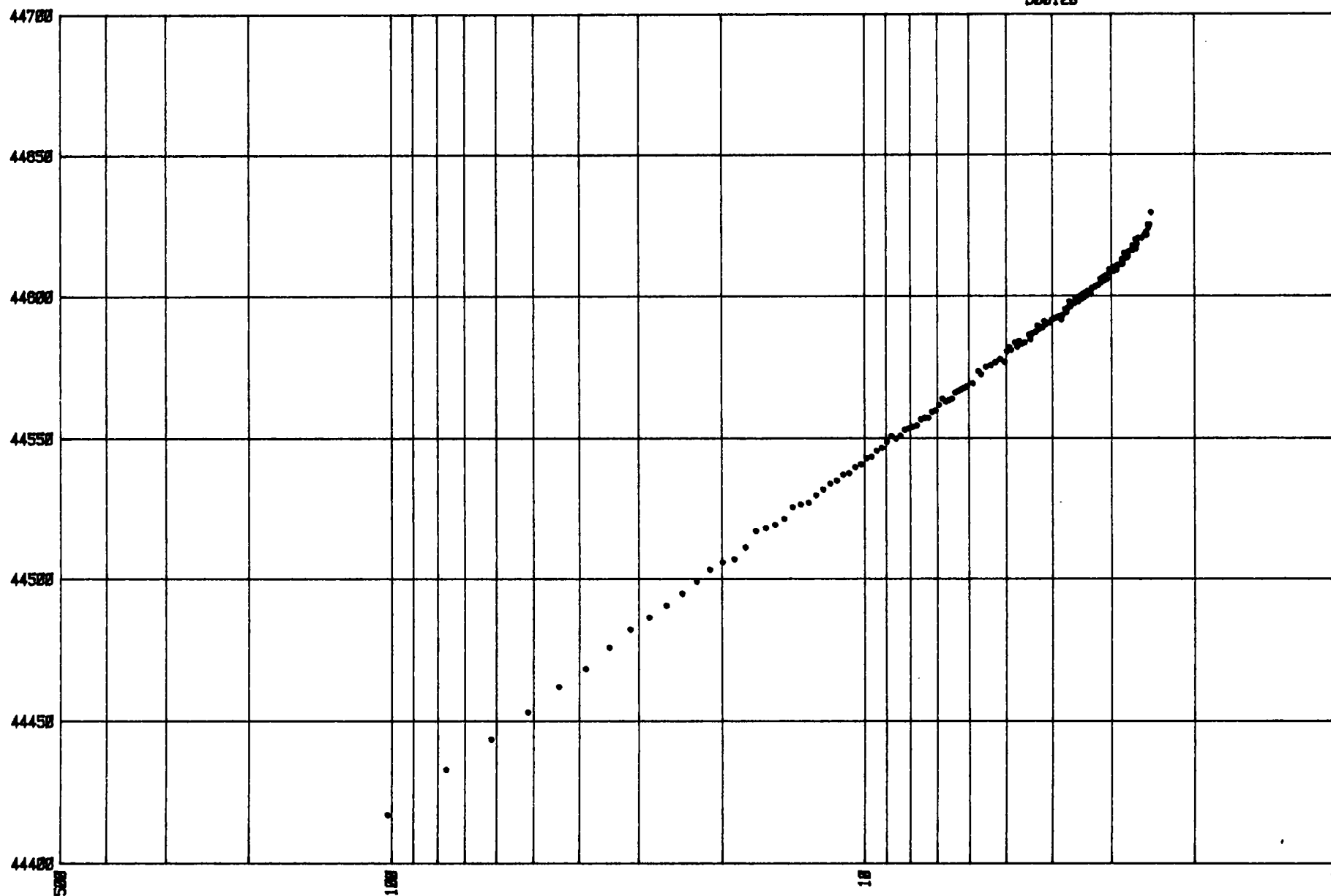
DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (SECOND FLOW PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
10.033	427.509	120.1	7:58	14/10/84
10.067	427.509	120.1	8: 0	END OF FLOW PERIOD.

STATOIL
34/18-21
GULLFAKS SOUTH

NL Sperry-Sun, Inc.
HORNER PLOT

11 OCTOBER 1984
DST NO. 2.
GAUGE 0001 (BOTTOM CARRIER).
000128



T = 10.0667 hours

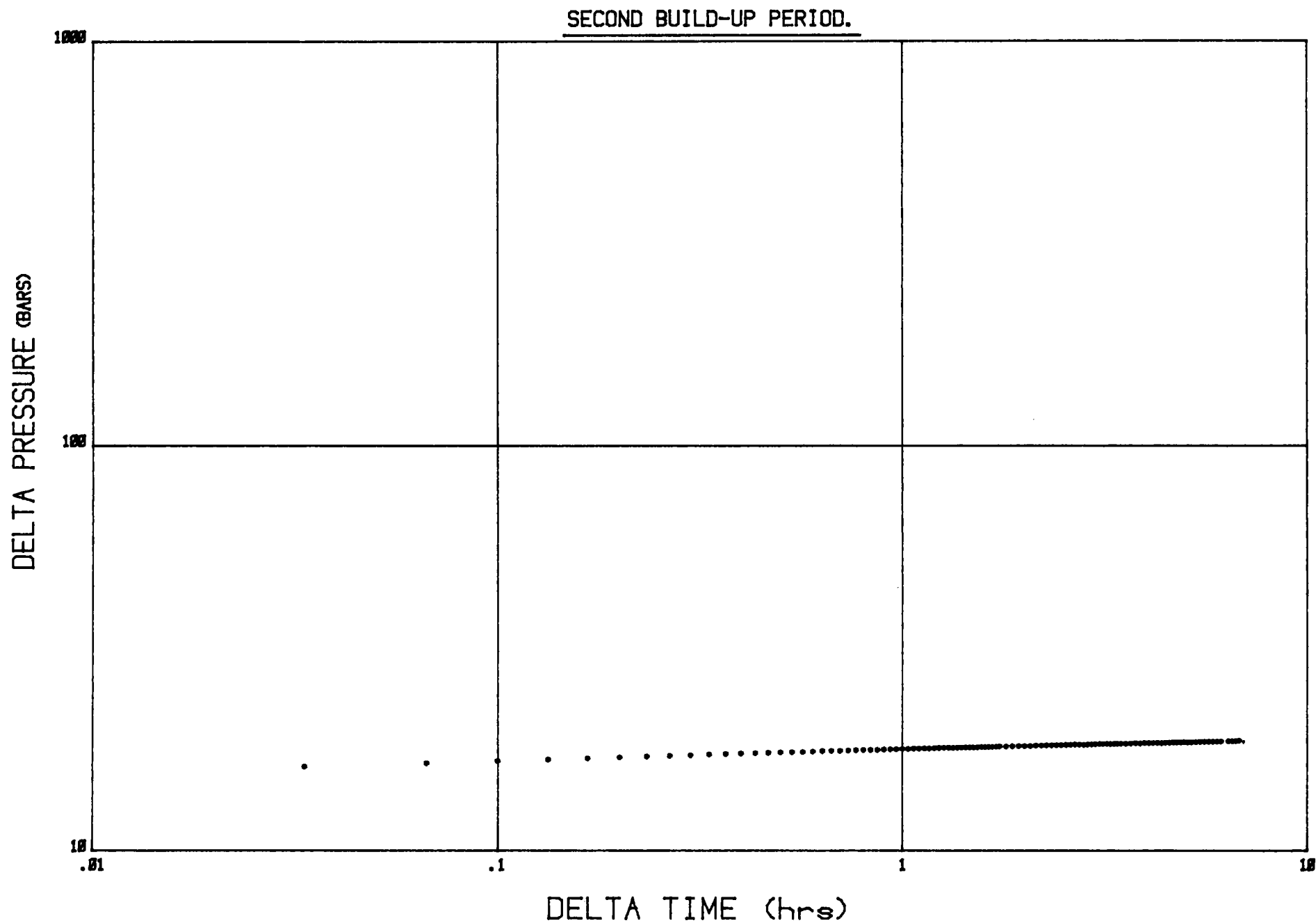
$(T+DT)/DT$

SECOND BUILD-UP PERIOD.

STATOIL
34/18-21
GULLFAKS SOUTH

NL Sperry-Sun, Inc.
LOG(ΔP) Vs LOG(ΔT) PLOT

11 OCTOBER 1984
DST NO. 2
GAUGE 0001 (BOTTOM CARRIER).
D00129



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DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (SECOND BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
-0.033	427.509	120.1	8: 0	14/10/84 WELL SHUT-IN AT LPR-N
0.000	442.798	120.1	8: 2	VALVE
0.033	443.669	120.1	8: 4	
0.067	443.970	120.1	8: 6	CLOSE CHOKE MANIFOLD
0.100	444.170 V	120.1	8: 8	
0.133	444.328 V	120.0	8:10	
0.167	444.434 V	119.9	8:12	
0.200	444.529 V	119.9	8:14	
0.233	444.619 V	119.8	8:16	
0.267	444.682 V	119.7	8:18	
0.300	444.756 V	119.7	8:20	
0.333	444.819 V	119.6	8:22	
0.367	444.862 V	119.6	8:24	
0.400	444.904 V	119.5	8:26	
0.433	444.946	119.5	8:28	
0.467	444.988 V	119.4	8:30	
0.500	445.031	119.4	8:32	
0.533	445.057 V	119.3	8:34	
0.567	445.068	119.3	8:36	
0.600	445.110	119.2	8:38	
0.633	445.168 V	119.2	8:40	
0.667	445.179	119.1	8:42	
0.700	445.189	119.1	8:44	
0.733	445.210 V	119.1	8:46	
0.767	445.253	119.0	8:48	
0.800	445.263	119.0	8:50	
0.833	445.269	118.9	8:52	
0.867	445.295 V	118.9	8:54	
0.900	445.316	118.9	8:56	
0.933	445.337	118.8	8:58	
0.967	445.348 V	118.8	9: 0	
1.000	445.369	118.8	9: 2	
1.033	445.374	118.7	9: 4	
1.067	445.395	118.7	9: 6	
1.100	445.406	118.7	9: 8	
1.133	445.427	118.6	9:10	
1.167	445.433 V	118.6	9:12	
1.200	445.454	118.6	9:14	
1.233	445.464	118.5	9:16	
1.267	445.485	118.5	9:18	
1.300	445.507	118.5	9:20	
1.333	445.496	118.5	9:22	
1.367	445.507 V	118.4	9:24	
1.400	445.528	118.4	9:26	
1.433	445.533	118.4	9:28	
1.467	445.538	118.3	9:30	
1.500	445.544	118.3	9:32	
1.533	445.565	118.3	9:34	
1.567	445.570	118.3	9:36	
1.600	445.570 V	118.3	9:38	

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DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (SECOND BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
1.633	445.591	118.2	9:40	14/10/84
1.667	445.597	118.2	9:42	
1.700	445.618	118.2	9:44	
1.733	445.639	118.2	9:46	
1.767	445.628	118.1	9:48	
1.800	445.634	118.1	9:50	
1.833	445.639	118.1	9:52	
1.867	445.660	118.1	9:54	
1.900	445.665	118.1	9:56	
1.933	445.671	118.0	9:58	
1.967	445.676	118.0	10: 0	
2.000	445.681	118.0	10: 2	
2.033	445.687	118.0	10: 4	
2.067	445.692	117.9	10: 6	
2.100	445.697	117.9	10: 8	
2.133	445.734	117.9	10:10	
2.167	445.724	117.9	10:12	
2.200	445.729	117.8	10:14	
2.233	445.750	117.8	10:16	
2.267	445.755	117.8	10:18	
2.300	445.755	117.8	10:20	
2.333	445.761	117.8	10:22	
2.367	445.766	117.7	10:24	
2.400	445.771	117.7	10:26	
2.433	445.777	117.7	10:28	
2.467	445.782	117.7	10:30	
2.500	445.766	117.7	10:32	
2.533	445.803	117.6	10:34	
2.567	445.819	117.6	10:36	
2.600	445.808	117.6	10:38	
2.633	445.814	117.6	10:40	
2.667	445.835	117.6	10:42	
2.700	445.819	117.6	10:44	
2.733	445.840	117.5	10:46	
2.767	445.830	117.5	10:48	
2.800	445.830	117.5	10:50	
2.833	445.835	117.5	10:52	
2.867	445.840	117.5	10:54	
2.900	445.861	117.4	10:56	
2.933	445.845	117.4	10:58	
2.967	445.867	117.4	11: 0	
3.000	445.872	117.4	11: 2	
3.033	445.872	117.4	11: 4	
3.067	445.893	117.4	11: 6	
3.100	445.882	117.3	11: 8	
3.133	445.888	117.3	11:10	
3.167	445.888	117.3	11:12	
3.200	445.909	117.3	11:14	
3.233	445.898	117.3	11:16	
3.267	445.898	117.3	11:18	

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DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (SECOND BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
3.300	445.904	117.2	11:20	14/10/84
3.333	445.909	117.2	11:22	
3.367	445.914	117.2	11:24	
3.400	445.914	117.2	11:26	
3.433	445.920	117.2	11:28	
3.467	445.920	117.2	11:30	
3.500	445.925	117.1	11:32	
3.533	445.925	117.1	11:34	
3.567	445.914	117.1	11:36	
3.600	445.930	117.1	11:38	
3.633	445.936	117.1	11:40	
3.667	445.951	117.1	11:42	
3.700	445.941	117.1	11:44	
3.733	445.957	117.1	11:46	
3.767	445.978	117.0	11:48	
3.800	445.962	117.0	11:50	
3.833	445.967	117.0	11:52	
3.867	445.967	117.0	11:54	
3.900	445.973	117.0	11:56	
3.933	445.988	117.0	11:58	
3.967	445.994	117.0	12: 0	
4.000	445.978	117.0	12: 2	
4.033	445.983	116.9	12: 4	
4.067	445.999	116.9	12: 6	
4.100	445.988	116.9	12: 8	
4.133	446.004	116.9	12:10	
4.167	445.994	116.9	12:12	
4.200	446.010	116.9	12:14	
4.233	445.999	116.9	12:16	
4.267	446.015	116.9	12:18	
4.300	446.020	116.8	12:20	
4.333	446.020	116.8	12:22	
4.367	446.004	116.8	12:24	
4.400	446.026	116.8	12:26	
4.433	446.026	116.8	12:28	
4.467	446.031	116.8	12:30	
4.500	446.031	116.8	12:32	
4.533	446.031	116.8	12:34	
4.567	446.036	116.8	12:36	
4.600	446.036	116.8	12:38	
4.633	446.041	116.7	12:40	
4.667	446.057	116.7	12:42	
4.700	446.047	116.7	12:44	
4.733	446.047	116.7	12:46	
4.767	446.063	116.7	12:48	
4.800	446.052	116.7	12:50	
4.833	446.068	116.7	12:52	
4.867	446.073	116.7	12:54	
4.900	446.057	116.7	12:56	
4.933	446.057	116.7	12:58	

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DST NO.2. GAUGE 0001, SENSING DEPTH 3251.83 M.RKB. (SECOND BUILD-UP PERIOD).

DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
4.967	446.089	116.7	13: 0	14/10/84
5.000	446.079	116.6	13: 2	
5.033	446.079	116.6	13: 4	
5.067	446.079	116.6	13: 6	
5.100	446.094	116.6	13: 8	
5.133	446.084	116.6	13:10	
5.167	446.084	116.6	13:12	
5.200	446.100	116.6	13:14	
5.233	446.100	116.6	13:16	
5.267	446.089	116.6	13:18	
5.300	446.105	116.6	13:20	
5.333	446.105	116.6	13:22	
5.367	446.105	116.6	13:24	
5.400	446.105	116.6	13:26	
5.433	446.110	116.6	13:28	
5.467	446.126	116.6	13:30	
5.500	446.110	116.6	13:32	
5.533	446.126	116.6	13:34	
5.567	446.147	116.6	13:36	
5.600	446.131	116.6	13:38	
5.633	446.147	116.6	13:40	
5.667	446.131	116.6	13:42	
5.700	446.147	116.6	13:44	
5.733	446.137	116.5	13:46	
5.767	446.153	116.5	13:48	
5.800	446.153	116.5	13:50	
5.833	446.153	116.5	13:52	
5.867	446.158	116.5	13:54	
5.900	446.158	116.5	13:56	
5.933	446.174	116.5	13:58	
5.967	446.158	116.5	14: 0	
6.000	446.163	116.5	14: 2	
6.033	446.163	116.5	14: 4	
6.067	446.195	116.5	14: 6	
6.100	446.163	116.5	14: 8	
6.133	446.179	116.5	14:10	
6.167	446.184	116.5	14:12	
6.200	446.200	116.5	14:14	
6.367	446.200	116.5	14:24	
6.400	446.200	116.5	14:26	
6.433	446.206	116.4	14:28	
6.467	446.206	116.4	14:30	
6.500	446.206	116.4	14:32	
6.533	446.211	116.4	14:34	
6.567	446.216	116.4	14:36	
6.600	446.221	116.4	14:38	
6.633	446.211	116.3	14:40	
6.667	446.216	116.3	14:42	
6.700	446.248	116.3	14:44	
6.733	446.237	116.3	14:46	

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DELTA TIME HOURS	ABS PRESSURE (BARS)	TEMP. DEG C	TIME	
6.767	446.243	116.3	14:48	14/10/84
6.800	446.248	116.2	14:50	
6.833	446.253	116.2	14:52	
6.867	446.290	116.2	14:54	
6.900	446.259	116.2	14:56	

END OF DATA.
(TAPE STORAGE FULL).