

NL sperry-sun

Denne rapport
tilhører

 **STATOIL**

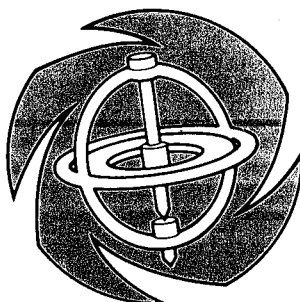
01.505.179-5
L&U DOK. SENTER

L. NR. 20084440029

KODE Well 31/6-2 nr.30

Returneres etter bruk

Pressure Survey Report
for
Statoil
Well No. 31/6-2
25th August 1984
Bottom Hole & Surface Pressures
D.S.T. no. 1 - Part III
GAUGE NO. 0063.



Pressure Survey Report
for
Statoil
Well No. 31/6-2
25th August 1984
Bottom Hole & Surface Pressures
D.S.T. no. 1 - Part III
GAUGE NO. 0063.

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

STATOIL
TROLL
31/6 -2

OFFSHORE NORWAY
8th AUGUST 1984
NR-MS-40146

GAUGE NO: 0063/1939
TIME MODE 30 sec
ELEMENT SIZE 10000 Psi
DEPTH 1487.15 Meter
MAX. TEMP. 65.2 C

END OF EVENT:

REPORTED GAUGE

	TIME/DATE	PRESSURE
PRESSURE LOSS TEST	06:00:00 1/9/84	15723.56
SINGLE RATE TEST	07:16:00	13892.63
BUILD UP PERIOD	09:07:00	15722.31

SPERRY-SUN ENGINEER: E. OSTVIK/D. FRAFJORD
STATOIL ENGINEER: A. M. MARTINSEN
K. KVILJO
A. ELDOY
K. A. GRINI
I. JOLMA

Note: Pressures are in KPa Abs..

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

STATOIL
TROLL
31/6 -2

OFFSHORE NORWAY
8th AUGUST 1984
NR-MS-40146

SEQUENCE OF EVENTS

DATE	TIME	OPERATION	
8th POST GRAVEL PACK FLOW			
29/8/84	08:36	OPEN LPR VALVE	
	08:37	OPEN WELL ON 28/64" ADJ. ON CHOKE MANIFOLD	
	08:48	SWITCHED FLOW THROUGH HEATER	
	08:49	TRY TO BYPASS CHOKE MAN. ON 128/64" FIXED VALVE ON LOW PRESSURE SIDE ON CH. MAN. CLOSED	
	08:51	OPEN LOW PRESSURE SIDE ON CHOKE MAN.	
	08:54	INCREASE TO 48/64" ADJ. CHOKE ON HEATER	
	09:02	GAS TO SURFACE	
	09:05	INCREASED TO 64/64" ADJ. ON HEATER	
	09:30	INCREASED TO 80/64" ADJ. ON HEATER	
	09:55	INCREASED TO 96/64" ADJ. ON HEATER	
	13:53	BYPASS HEATER. FLOW THROUGH 2" FIXED CHOKE ON CHOKE MANIFOLD	
	18:55	SWITCHED FLOW THROUGH 96/64" ADJ. CHOKE ON HEATER	
	19:07	SWITCHED FLOW THROUGH SEP.	
	19:30	BYPASS SEP	
	19:32	BYPASS HEATER. 128/64" FIXED ON CH. MAN.	
	19:34	SWITCHED FLOW THROUGH SEP.	
	19:43	BYPASS SEP. 128/64" FIXED ON CH. MAN.	
	30/8/84	04:04	DIRECT FLOW THROUGH HEATER ON 96/64" ADJ. CH.
		04:10	DIRECT FLOW THROUGH SEP.
15:20		BYPASS SEP.	
15:30		WELL SHUT IN AT LPR VALVE AND CHOKE MAN.	
9th POST GRAVEL PACK FLOW			
30/8/84	18:20	OPEN LPR. OPEN CHOKE MAN. ON 32/64" ADJ. CHOKE ON HEATER	
	18:48	INCREASED TO 48/64" ADJ. ON HEATER	
	19:20	INCREASED TO 64/64" ADJ. ON HEATER	
	19:45	INCREASED TO 96/64" ADJ. ON HEATER	
	31/8/84	06:19	CLOSE CHOKE MAN. DUE TO LEAK ON VALVE
10th POST GRAVEL PACK FLOW			
31/8/84	11:31	OPEN CHOKE TO 32/64" ON HEATER	
	11:43	INCREASED TO 48/64" ADJ. ON HEATER	
	11:50	INCREASED TO 64/64" ADJ. ON HEATER	
	11:55	INCREASED TO 96/64" ADJ. ON HEATER	
	14:37	FLOW THROUGH SEP.	
	17:19	BYPASS SEP.	
	17:23	CLOSED CHOKE MAN. PRIOR TO RUN GAUGES	
	22:37	OPEN WELL ON 32/64" CHOKE ON HEATER	
	22:46	INCREASED CHOKE TO 48/64" ADJ. ON HEATER	
	22:55	INCREASED CHOKE TO 64/64" ADJ. ON HEATER	
	23:01	INCREASED CHOKE TO 96/64" ADJ. ON HEATER	
	1/9/84	01:50	FLOW THROUGH SEP.

PRESSURE LOSS TEST

1/9/84	03:01	REDUCED CHOKE TO 80/64"
	03:21	REDUCED CHOKE TO 64/64"
	03:41	REDUCED CHOKE TO 56/64"
	04:00	REDUCED CHOKE TO 48/64"
	04:20	REDUCED CHOKE TO 40/64"
	04:40	REDUCED CHOKE TO 32/64"
	05:00	REDUCED CHOKE TO 28/64"
	05:21	REDUCED CHOKE TO 24/64"
	05:41	CLOSED CHOKE MAN.

SINGLE RATE TEST

1/9/84	06:31	OPEN CHOKE MANIFOLD. FLOW THROUGH HEATER ON 32/64" ADJ. CHOKE
	06:41	96/64" CHOKE ON HEATER
	06:44	FLOW THROUGH SEP.
	07:16	CLOSED LPR AND CHOKE MAN.
	09:07	OPEN LPR

MRPG Gauge No. 0063/1939
Sensing depth: 1487.15 Meter

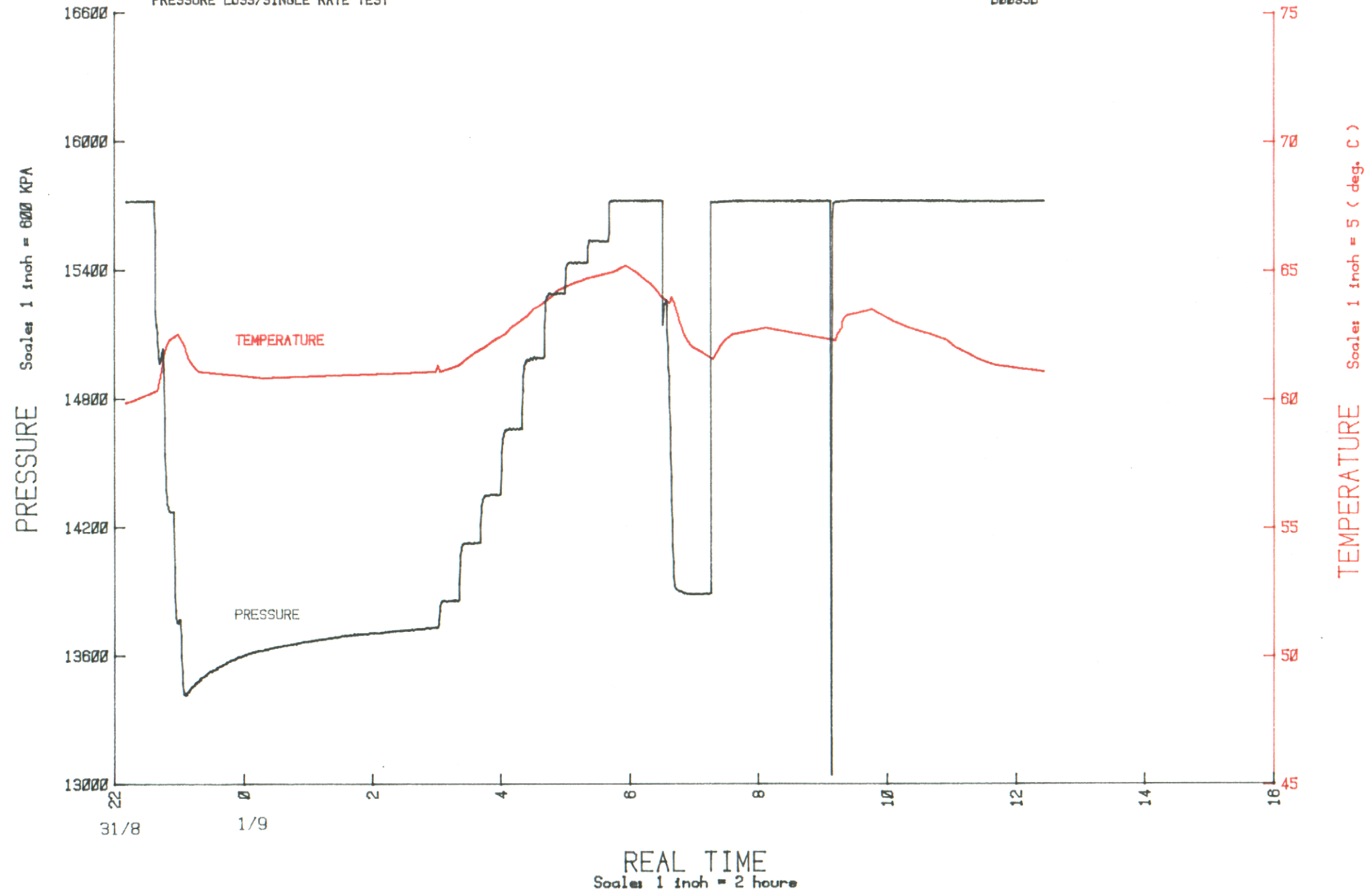
STATOIL
31/6-2
TROLL

NL Sperry-Sun, Inc.

PRESSURE/TEMPERATURE VS TIME PLOT

31 AUGUST 1984
NR-MS-40146
1939
D0093D

PRESSURE LOSS/SINGLE RATE TEST



9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 1

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
0.000	15718.11	59.9	22:12: 0	31/ 8/84 START OF DATA
0.008	15718.03	59.9	22:12:30	
0.017	15719.60	59.9	22:13: 0	
0.025	15718.03	59.9	22:13:30	
0.058	15719.52	59.9	22:15:30	
0.067	15721.09	59.9	22:16: 0	
0.075	15721.01	59.9	22:16:30	
0.083	15719.44	59.9	22:17: 0	
0.092	15719.44	59.9	22:17:30	
0.100	15720.92	60.0	22:18: 0	
0.108	15720.92	60.0	22:18:30	
0.117	15719.35	60.0	22:19: 0	
0.125	15719.27	60.0	22:19:30	
0.133	15719.27	60.0	22:20: 0	
0.142	15719.19	60.0	22:20:30	
0.150	15719.19	60.0	22:21: 0	
0.158	15720.76	60.0	22:21:30	
0.167	15720.68	60.0	22:22: 0	
0.175	15720.68	60.0	22:22:30	
0.183	15720.68	60.0	22:23: 0	
0.192	15719.03	60.1	22:23:30	
0.200	15720.60	60.1	22:24: 0	
0.208	15720.51	60.1	22:24:30	
0.217	15718.94	60.1	22:25: 0	
0.225	15720.51	60.1	22:25:30	
0.233	15720.43	60.1	22:26: 0	
0.242	15718.86	60.1	22:26:30	
0.250	15720.43	60.1	22:27: 0	
0.258	15718.78	60.1	22:27:30	
0.267	15720.35	60.1	22:28: 0	
0.275	15718.78	60.1	22:28:30	
0.283	15720.27	60.2	22:29: 0	
0.292	15720.27	60.2	22:29:30	
0.300	15718.62	60.2	22:30: 0	
0.308	15721.76	60.2	22:30:30	
0.317	15723.33	60.2	22:31: 0	
0.333	15718.53	60.2	22:32: 0	
0.342	15720.10	60.2	22:32:30	
0.350	15721.68	60.2	22:33: 0	
0.358	15720.02	60.2	22:33:30	
0.367	15720.02	60.2	22:34: 0	
0.375	15721.51	60.3	22:34:30	
0.383	15721.51	60.3	22:35: 0	
0.392	15719.94	60.3	22:35:30	
0.400	15719.86	60.3	22:36: 0	
0.408	15721.43	60.3	22:36:30	
0.417	15721.43	60.3	22:37: 0	
0.425	15663.22	60.3	22:37:30	
0.433	15583.10	60.3	22:38: 0	
0.442	15209.16	60.3	22:38:30	

OPEN WELL ON 32/64"
ADJ. ON HEATER

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 2

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME
0.450	15135.33	60.3	22:39: 0
0.458	15146.33	60.3	22:39:30
0.467	15110.12	60.4	22:40: 0
0.475	15064.57	60.4	22:40:30
0.483	15023.35	60.5	22:41: 0
0.492	14991.56	60.6	22:41:30
0.500	14967.77	60.7	22:42: 0
0.508	14964.33	60.8	22:42:30
0.517	14976.66	60.8	22:43: 0
0.525	14984.14	61.0	22:43:30
0.533	15002.60	61.1	22:44: 0
0.542	15014.78	61.2	22:44:30
0.550	15022.24	61.3	22:45: 0
0.558	15032.47	61.6	22:45:30
0.567	14938.04	61.6	22:46: 0
0.575	14937.73	61.7	22:46:30
0.583	14709.88	61.8	22:47: 0
0.592	14541.70	61.9	22:47:30
0.600	14437.81	62.0	22:48: 0
0.608	14374.81	62.1	22:48:30
0.617	14343.28	62.1	22:49: 0
0.625	14307.04	62.2	22:49:30
0.633	14297.48	62.2	22:50: 0
0.642	14286.35	62.3	22:50:30
0.650	14279.94	62.3	22:51: 0
0.658	14275.16	62.3	22:51:30
0.667	14270.45	62.3	22:52: 0
0.675	14271.95	62.3	22:52:30
0.683	14271.88	62.4	22:53: 0
0.692	14273.45	62.4	22:53:30
0.700	14270.24	62.4	22:54: 0
0.708	14270.24	62.4	22:54:30
0.717	14273.30	62.4	22:55: 0
0.725	14241.85	62.4	22:55:30
0.733	14015.88	62.4	22:56: 0
0.742	13882.43	62.5	22:56:30
0.750	13813.33	62.5	22:57: 0
0.758	13778.81	62.5	22:57:30
0.767	13759.91	62.5	22:58: 0
0.775	13753.63	62.5	22:58:30
0.783	13752.00	62.5	22:59: 0
0.792	13759.91	62.5	22:59:30
0.800	13764.75	62.5	23: 0: 0
0.808	13769.52	62.4	23: 0:30
0.817	13768.09	62.4	23: 1: 0
0.825	13758.74	62.4	23: 1:30
0.833	13694.54	62.3	23: 2: 0
0.842	13602.02	62.3	23: 2:30
0.850	13526.83	62.3	23: 3: 0
0.858	13473.55	62.2	23: 3:30

31/ 8/84

INCREASED TO 48/64" HEATER

INCREASED TO 64/64" HEATER

INCREASED TO 96/64" HEATER

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 3

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
0.867	13434.45	62.2	23: 4: 0	31/ 8/84
0.875	13420.45	62.1	23: 4:30	
0.883	13417.38	62.1	23: 5: 0	
0.892	13419.07	62.1	23: 5:30	
0.900	13414.55	62.0	23: 6: 0	
0.908	13425.79	61.9	23: 6:30	
0.917	13418.13	61.8	23: 7: 0	
0.925	13424.53	61.8	23: 7:30	
0.933	13429.37	61.7	23: 8: 0	
0.942	13429.49	61.7	23: 8:30	
0.950	13432.89	61.6	23: 9: 0	
0.958	13439.23	61.5	23: 9:30	
0.967	13442.43	61.5	23:10: 0	
0.975	13445.69	61.5	23:10:30	
0.983	13450.46	61.5	23:11: 0	
0.992	13453.67	61.4	23:11:30	
1.000	13453.73	61.4	23:12: 0	
1.008	13456.99	61.4	23:12:30	
1.017	13460.20	61.3	23:13: 0	
1.025	13460.26	61.3	23:13:30	
1.033	13461.89	61.3	23:14: 0	
1.042	13466.66	61.3	23:14:30	
1.050	13473.01	61.2	23:15: 0	
1.058	13469.93	61.2	23:15:30	
1.067	13477.84	61.2	23:16: 0	
1.075	13470.06	61.2	23:16:30	
1.083	13477.97	61.1	23:17: 0	
1.100	13484.31	61.1	23:18: 0	
1.108	13479.66	61.1	23:18:30	
1.117	13487.51	61.1	23:19: 0	
1.125	13492.22	61.1	23:19:30	
1.133	13485.94	61.1	23:20: 0	
1.142	13496.93	61.1	23:20:30	
1.150	13498.50	61.1	23:21: 0	
1.158	13496.99	61.1	23:21:30	
1.167	13500.13	61.1	23:22: 0	
1.175	13501.70	61.1	23:22:30	
1.183	13503.27	61.1	23:23: 0	
1.200	13509.55	61.1	23:24: 0	
1.217	13507.98	61.1	23:25: 0	
1.225	13512.69	61.1	23:25:30	
1.233	13515.83	61.1	23:26: 0	
1.242	13517.40	61.1	23:26:30	
1.250	13520.54	61.1	23:27: 0	
1.258	13520.54	61.1	23:27:30	
1.267	13523.68	61.1	23:28: 0	
1.275	13526.88	61.0	23:28:30	
1.283	13526.88	61.0	23:29: 0	
1.292	13530.02	61.0	23:29:30	
1.300	13523.74	61.0	23:30: 0	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 4

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
1.308	13526.88	61.0	23:30:30	31/ 8/84
1.317	13530.02	61.0	23:31: 0	
1.325	13533.16	61.0	23:31:30	
1.333	13534.73	61.0	23:32: 0	
1.342	13533.16	61.0	23:32:30	
1.350	13534.73	61.0	23:33: 0	
1.358	13533.16	61.0	23:33:30	
1.367	13536.37	61.0	23:34: 0	
1.375	13541.07	61.0	23:34:30	
1.383	13537.93	61.0	23:35: 0	
1.392	13545.78	61.0	23:35:30	
1.400	13545.78	61.0	23:36: 0	
1.417	13548.92	61.0	23:37: 0	
1.425	13550.49	61.0	23:37:30	
1.433	13552.06	61.0	23:38: 0	
1.442	13550.49	61.0	23:38:30	
1.450	13552.06	61.0	23:39: 0	
1.458	13555.20	61.0	23:39:30	
1.467	13555.20	61.0	23:40: 0	
1.475	13558.41	61.0	23:40:30	
1.483	13559.98	61.0	23:41: 0	
1.492	13558.41	61.0	23:41:30	
1.500	13561.55	61.0	23:42: 0	
1.508	13561.55	61.0	23:42:30	
1.517	13563.12	61.0	23:43: 0	
1.525	13566.26	61.0	23:43:30	
1.533	13564.69	61.0	23:44: 0	
1.542	13570.97	61.0	23:44:30	
1.550	13570.97	61.0	23:45: 0	
1.558	13570.97	61.0	23:45:30	
1.567	13572.60	61.0	23:46: 0	
1.583	13574.17	61.0	23:47: 0	
1.592	13578.88	61.0	23:47:30	
1.600	13580.45	61.0	23:48: 0	
1.608	13577.31	61.0	23:48:30	
1.617	13580.45	61.0	23:49: 0	
1.625	13580.45	61.0	23:49:30	
1.633	13580.45	61.0	23:50: 0	
1.642	13583.59	61.0	23:50:30	
1.650	13582.02	61.0	23:51: 0	
1.658	13583.59	61.0	23:51:30	
1.667	13583.59	61.0	23:52: 0	
1.675	13586.79	60.9	23:52:30	
1.683	13589.93	60.9	23:53: 0	
1.692	13586.79	60.9	23:53:30	
1.700	13589.93	60.9	23:54: 0	
1.708	13593.07	60.9	23:54:30	
1.717	13596.21	60.9	23:55: 0	
1.725	13593.07	60.9	23:55:30	
1.733	13596.21	60.9	23:56: 0	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 5

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
1.742	13593.07	60.9	23:56:30	31/ 8/84
1.750	13596.21	60.9	23:57: 0	
1.758	13593.07	60.9	23:57:30	
1.767	13596.27	60.9	23:58: 0	
1.775	13599.41	60.9	23:58:30	
1.783	13600.98	60.9	23:59: 0	
1.792	13599.41	60.9	23:59:30	
1.800	13600.98	60.9	0: 0: 0	1/ 9/84
1.817	13602.55	60.9	0: 1: 0	
1.825	13605.69	60.9	0: 1:30	
1.833	13604.12	60.9	0: 2: 0	
1.842	13602.55	60.9	0: 2:30	
1.850	13607.26	60.9	0: 3: 0	
1.858	13607.26	60.9	0: 3:30	
1.867	13605.69	60.9	0: 4: 0	
1.875	13610.47	60.9	0: 4:30	
1.883	13610.47	60.9	0: 5: 0	
1.892	13612.04	60.9	0: 5:30	
1.900	13608.90	60.9	0: 6: 0	
1.908	13613.61	60.9	0: 6:30	
1.917	13613.61	60.9	0: 7: 0	
1.925	13612.04	60.9	0: 7:30	
1.933	13615.18	60.9	0: 8: 0	
1.942	13615.18	60.9	0: 8:30	
1.950	13616.75	60.9	0: 9: 0	
1.958	13615.18	60.9	0: 9:30	
1.967	13618.38	60.9	0:10: 0	
1.975	13615.24	60.9	0:10:30	
1.983	13615.24	60.9	0:11: 0	
1.992	13621.52	60.9	0:11:30	
2.000	13618.38	60.9	0:12: 0	
2.008	13619.95	60.9	0:12:30	
2.017	13621.52	60.9	0:13: 0	
2.025	13619.95	60.9	0:13:30	
2.033	13623.09	60.9	0:14: 0	
2.042	13624.66	60.9	0:14:30	
2.050	13623.09	60.9	0:15: 0	
2.058	13624.66	60.9	0:15:30	
2.067	13623.16	60.8	0:16: 0	
2.075	13624.73	60.8	0:16:30	
2.083	13624.73	60.8	0:17: 0	
2.092	13624.73	60.8	0:17:30	
2.100	13624.73	60.8	0:18: 0	
2.108	13624.73	60.8	0:18:30	
2.125	13627.87	60.8	0:19:30	
2.133	13627.87	60.8	0:20: 0	
2.142	13626.30	60.8	0:20:30	
2.150	13631.01	60.8	0:21: 0	
2.158	13631.01	60.8	0:21:30	
2.167	13632.58	60.8	0:22: 0	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 6

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
2.175	13627.87	60.8	0:22:30	1/ 9/84
2.183	13632.58	60.8	0:23: 0	
2.192	13631.01	60.8	0:23:30	
2.200	13631.01	60.8	0:24: 0	
2.208	13634.15	60.8	0:24:30	
2.225	13635.72	60.8	0:25:30	
2.242	13635.72	60.8	0:26:30	
2.250	13635.72	60.8	0:27: 0	
2.258	13637.29	60.8	0:27:30	
2.267	13637.22	60.9	0:28: 0	
2.275	13637.22	60.9	0:28:30	
2.283	13638.79	60.9	0:29: 0	
2.292	13640.36	60.9	0:29:30	
2.300	13640.36	60.9	0:30: 0	
2.308	13638.79	60.9	0:30:30	
2.317	13640.36	60.9	0:31: 0	
2.325	13640.36	60.9	0:31:30	
2.333	13638.79	60.9	0:32: 0	
2.342	13643.50	60.9	0:32:30	
2.350	13641.93	60.9	0:33: 0	
2.358	13643.50	60.9	0:33:30	
2.367	13641.93	60.9	0:34: 0	
2.375	13641.93	60.9	0:34:30	
2.383	13643.50	60.9	0:35: 0	
2.392	13645.07	60.9	0:35:30	
2.400	13643.50	60.9	0:36: 0	
2.408	13645.07	60.9	0:36:30	
2.417	13648.21	60.9	0:37: 0	
2.425	13646.64	60.9	0:37:30	
2.433	13648.21	60.9	0:38: 0	
2.442	13649.78	60.9	0:38:30	
2.450	13648.21	60.9	0:39: 0	
2.458	13649.78	60.9	0:39:30	
2.467	13648.21	60.9	0:40: 0	
2.475	13649.78	60.9	0:40:30	
2.483	13649.78	60.9	0:41: 0	
2.492	13651.35	60.9	0:41:30	
2.500	13651.35	60.9	0:42: 0	
2.517	13651.35	60.9	0:43: 0	
2.525	13651.35	60.9	0:43:30	
2.533	13652.86	60.9	0:44: 0	
2.542	13654.43	60.9	0:44:30	
2.550	13652.86	60.9	0:45: 0	
2.558	13652.86	60.9	0:45:30	
2.567	13652.86	60.9	0:46: 0	
2.575	13654.43	60.9	0:46:30	
2.583	13656.00	60.9	0:47: 0	
2.592	13656.00	60.9	0:47:30	
2.608	13656.00	60.9	0:48:30	
2.617	13657.57	60.9	0:49: 0	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 7

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
2.625	13652.86	60.9	0:49:30	1/ 9/84
2.633	13659.14	60.9	0:50: 0	
2.642	13657.57	60.9	0:50:30	
2.650	13659.14	60.9	0:51: 0	
2.658	13659.14	60.9	0:51:30	
2.667	13660.71	60.9	0:52: 0	
2.675	13660.71	60.9	0:52:30	
2.683	13660.71	60.9	0:53: 0	
2.692	13660.71	60.9	0:53:30	
2.700	13662.28	60.9	0:54: 0	
2.708	13662.28	60.9	0:54:30	
2.717	13663.85	60.9	0:55: 0	
2.733	13663.85	60.9	0:56: 0	
2.742	13665.42	60.9	0:56:30	
2.750	13665.42	60.9	0:57: 0	
2.758	13665.42	60.9	0:57:30	
2.767	13665.42	60.9	0:58: 0	
2.775	13665.42	60.9	0:58:30	
2.783	13665.42	60.9	0:59: 0	
2.800	13665.42	60.9	1: 0: 0	
2.808	13666.99	60.9	1: 0:30	
2.817	13668.49	60.9	1: 1: 0	
2.825	13668.49	60.9	1: 1:30	
2.833	13666.92	60.9	1: 2: 0	
2.842	13668.49	60.9	1: 2:30	
2.850	13668.49	60.9	1: 3: 0	
2.858	13670.06	60.9	1: 3:30	
2.867	13670.06	60.9	1: 4: 0	
2.875	13668.49	60.9	1: 4:30	
2.883	13670.06	60.9	1: 5: 0	
2.892	13671.63	60.9	1: 5:30	
2.900	13671.63	60.9	1: 6: 0	
2.908	13671.63	60.9	1: 6:30	
2.917	13674.77	60.9	1: 7: 0	
2.925	13674.77	60.9	1: 7:30	
2.933	13671.63	60.9	1: 8: 0	
2.942	13673.20	60.9	1: 8:30	
2.950	13673.20	60.9	1: 9: 0	
2.958	13674.77	60.9	1: 9:30	
2.967	13674.77	60.9	1:10: 0	
2.975	13676.34	60.9	1:10:30	
2.983	13676.34	60.9	1:11: 0	
2.992	13676.34	60.9	1:11:30	
3.000	13674.77	60.9	1:12: 0	
3.008	13676.34	60.9	1:12:30	
3.017	13676.34	60.9	1:13: 0	
3.025	13677.91	60.9	1:13:30	
3.033	13677.91	60.9	1:14: 0	
3.042	13676.34	60.9	1:14:30	
3.050	13677.91	60.9	1:15: 0	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 8

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
3.067	13677.91	60.9	1:16: 0	1/ 9/84
3.075	13679.48	60.9	1:16:30	
3.083	13679.42	60.9	1:17: 0	
3.100	13680.99	60.9	1:18: 0	
3.108	13680.99	60.9	1:18:30	
3.117	13680.99	60.9	1:19: 0	
3.125	13682.56	60.9	1:19:30	
3.133	13682.56	60.9	1:20: 0	
3.142	13680.99	60.9	1:20:30	
3.150	13680.99	60.9	1:21: 0	
3.158	13684.13	60.9	1:21:30	
3.167	13680.99	60.9	1:22: 0	
3.175	13680.99	60.9	1:22:30	
3.183	13684.13	60.9	1:23: 0	
3.192	13685.70	60.9	1:23:30	
3.200	13684.13	60.9	1:24: 0	
3.208	13685.70	60.9	1:24:30	
3.217	13685.70	60.9	1:25: 0	
3.225	13687.27	60.9	1:25:30	
3.233	13684.13	60.9	1:26: 0	
3.242	13687.27	60.9	1:26:30	
3.250	13684.13	60.9	1:27: 0	
3.258	13685.70	60.9	1:27:30	
3.267	13687.27	60.9	1:28: 0	
3.275	13684.13	60.9	1:28:30	
3.283	13687.27	60.9	1:29: 0	
3.292	13687.27	60.9	1:29:30	
3.300	13688.84	60.9	1:30: 0	
3.308	13688.84	60.9	1:30:30	
3.317	13690.41	60.9	1:31: 0	
3.325	13691.98	60.9	1:31:30	
3.333	13693.55	60.9	1:32: 0	
3.342	13693.55	60.9	1:32:30	
3.350	13691.91	61.0	1:33: 0	
3.358	13690.34	61.0	1:33:30	
3.367	13691.91	61.0	1:34: 0	
3.375	13695.05	61.0	1:34:30	
3.383	13695.05	61.0	1:35: 0	
3.392	13693.48	61.0	1:35:30	
3.400	13695.05	61.0	1:36: 0	
3.408	13690.34	61.0	1:36:30	
3.417	13693.48	61.0	1:37: 0	
3.425	13693.48	61.0	1:37:30	
3.433	13695.05	61.0	1:38: 0	
3.442	13695.05	61.0	1:38:30	
3.450	13696.62	61.0	1:39: 0	
3.458	13698.19	61.0	1:39:30	
3.467	13698.19	61.0	1:40: 0	
3.475	13693.48	61.0	1:40:30	
3.483	13696.62	61.0	1:41: 0	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 9

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME
3.492	13696.62	61.0	1:41:30
3.500	13696.62	61.0	1:42: 0
3.508	13696.62	61.0	1:42:30
3.517	13702.90	61.0	1:43: 0
3.525	13696.62	61.0	1:43:30
3.533	13696.62	61.0	1:44: 0
3.542	13698.19	61.0	1:44:30
3.550	13699.76	61.0	1:45: 0
3.558	13699.76	61.0	1:45:30
3.567	13696.62	61.0	1:46: 0
3.575	13701.33	61.0	1:46:30
3.583	13701.33	61.0	1:47: 0
3.592	13699.76	61.0	1:47:30
3.600	13699.76	61.0	1:48: 0
3.608	13699.76	61.0	1:48:30
3.617	13701.27	61.0	1:49: 0
3.625	13699.70	61.0	1:49:30
3.633	13699.70	61.0	1:50: 0
3.642	13701.27	61.0	1:50:30
3.650	13699.70	61.0	1:51: 0
3.658	13699.70	61.0	1:51:30
3.667	13701.27	61.0	1:52: 0
3.675	13702.84	61.0	1:52:30
3.683	13702.84	61.0	1:53: 0
3.692	13702.84	61.0	1:53:30
3.700	13701.27	61.0	1:54: 0
3.708	13702.84	61.0	1:54:30
3.717	13702.84	61.0	1:55: 0
3.725	13699.70	61.0	1:55:30
3.733	13701.27	61.0	1:56: 0
3.742	13702.84	61.0	1:56:30
3.750	13704.41	61.0	1:57: 0
3.758	13705.98	61.0	1:57:30
3.767	13705.98	61.0	1:58: 0
3.775	13705.98	61.0	1:58:30
3.783	13705.98	61.0	1:59: 0
3.792	13705.98	61.0	1:59:30
3.800	13705.98	61.0	2: 0: 0
3.808	13705.98	61.0	2: 0:30
3.817	13705.98	61.0	2: 1: 0
3.825	13704.41	61.0	2: 1:30
3.833	13707.55	61.0	2: 2: 0
3.842	13705.98	61.0	2: 2:30
3.850	13705.98	61.0	2: 3: 0
3.858	13705.98	61.0	2: 3:30
3.867	13705.98	61.0	2: 4: 0
3.875	13705.91	61.0	2: 4:30
3.883	13705.91	61.0	2: 5: 0
3.892	13705.91	61.0	2: 5:30
3.900	13705.91	61.0	2: 6: 0

1/ 9/84

FLOW THROUGH SEP.

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 10

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
3.908	13705.91	61.0	2: 6:30	1/ 9/84
3.917	13707.48	61.0	2: 7: 0	
3.925	13707.48	61.0	2: 7:30	
3.933	13707.48	61.0	2: 8: 0	
3.942	13709.05	61.0	2: 8:30	
3.950	13707.48	61.0	2: 9: 0	
3.958	13710.62	61.0	2: 9:30	
3.967	13709.05	61.0	2:10: 0	
3.975	13709.05	61.0	2:10:30	
3.983	13709.05	61.0	2:11: 0	
3.992	13709.05	61.0	2:11:30	
4.000	13712.19	61.0	2:12: 0	
4.008	13710.62	61.0	2:12:30	
4.017	13710.62	61.0	2:13: 0	
4.033	13712.19	61.0	2:14: 0	
4.042	13712.19	61.0	2:14:30	
4.050	13710.62	61.0	2:15: 0	
4.058	13712.19	61.0	2:15:30	
4.067	13713.76	61.0	2:16: 0	
4.075	13713.76	61.0	2:16:30	
4.083	13713.76	61.0	2:17: 0	
4.092	13713.76	61.0	2:17:30	
4.100	13713.76	61.0	2:18: 0	
4.108	13715.33	61.0	2:18:30	
4.117	13715.33	61.0	2:19: 0	
4.125	13712.19	61.0	2:19:30	
4.133	13715.33	61.0	2:20: 0	
4.142	13715.27	61.0	2:20:30	
4.150	13713.70	61.0	2:21: 0	
4.158	13716.84	61.0	2:21:30	
4.167	13715.27	61.0	2:22: 0	
4.175	13715.27	61.0	2:22:30	
4.183	13716.84	61.0	2:23: 0	
4.192	13716.84	61.0	2:23:30	
4.200	13716.84	61.0	2:24: 0	
4.208	13716.84	61.0	2:24:30	
4.217	13716.84	61.0	2:25: 0	
4.225	13715.27	61.0	2:25:30	
4.233	13718.40	61.0	2:26: 0	
4.242	13715.27	61.0	2:26:30	
4.250	13715.27	61.0	2:27: 0	
4.258	13718.40	61.0	2:27:30	
4.267	13716.84	61.0	2:28: 0	
4.275	13718.40	61.0	2:28:30	
4.283	13716.84	61.0	2:29: 0	
4.292	13719.97	61.0	2:29:30	
4.300	13719.97	61.0	2:30: 0	
4.317	13719.97	61.0	2:31: 0	
4.325	13719.97	61.0	2:31:30	
4.333	13719.97	61.0	2:32: 0	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 11

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
4.342	13719.97	61.0	2:32:30	1/ 9/84
4.350	13718.40	61.0	2:33: 0	
4.358	13721.54	61.0	2:33:30	
4.367	13718.40	61.0	2:34: 0	
4.375	13721.54	61.0	2:34:30	
4.383	13719.97	61.0	2:35: 0	
4.392	13721.54	61.0	2:35:30	
4.400	13721.54	61.0	2:36: 0	
4.408	13721.48	61.1	2:36:30	
4.417	13724.62	61.1	2:37: 0	
4.425	13721.48	61.1	2:37:30	
4.433	13721.48	61.1	2:38: 0	
4.442	13718.34	61.1	2:38:30	
4.450	13721.48	61.1	2:39: 0	
4.458	13721.48	61.1	2:39:30	
4.467	13724.62	61.1	2:40: 0	
4.475	13724.62	61.1	2:40:30	
4.483	13724.62	61.1	2:41: 0	
4.492	13724.62	61.1	2:41:30	
4.500	13724.62	61.1	2:42: 0	
4.508	13726.19	61.1	2:42:30	
4.517	13724.62	61.1	2:43: 0	
4.525	13724.62	61.1	2:43:30	
4.533	13726.19	61.1	2:44: 0	
4.542	13724.62	61.1	2:44:30	
4.550	13724.62	61.1	2:45: 0	
4.558	13724.62	61.1	2:45:30	
4.567	13724.62	61.1	2:46: 0	
4.575	13726.19	61.1	2:46:30	
4.583	13727.76	61.1	2:47: 0	
4.592	13726.19	61.1	2:47:30	
4.600	13724.62	61.1	2:48: 0	
4.608	13726.19	61.1	2:48:30	
4.617	13727.76	61.1	2:49: 0	
4.625	13727.76	61.1	2:49:30	
4.633	13729.33	61.1	2:50: 0	
4.642	13727.76	61.1	2:50:30	
4.650	13729.33	61.1	2:51: 0	
4.658	13730.90	61.1	2:51:30	
4.667	13729.26	61.1	2:52: 0	
4.675	13730.83	61.1	2:52:30	
4.683	13727.69	61.1	2:53: 0	
4.692	13729.26	61.1	2:53:30	
4.700	13727.69	61.1	2:54: 0	
4.708	13729.26	61.1	2:54:30	
4.717	13730.83	61.1	2:55: 0	
4.725	13730.83	61.1	2:55:30	
4.733	13732.40	61.1	2:56: 0	
4.742	13732.40	61.1	2:56:30	
4.750	13732.40	61.1	2:57: 0	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 12

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

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

4.758	13732.40	61.1	2:57:30	1/ 9/84
-------	----------	------	---------	---------

4.767	13732.40	61.1	2:58: 0	
-------	----------	------	---------	--

4.775	13730.83	61.1	2:58:30	
-------	----------	------	---------	--

4.783	13733.97	61.1	2:59: 0	
-------	----------	------	---------	--

4.792	13730.83	61.1	2:59:30	
-------	----------	------	---------	--

4.800	13732.21	61.2	3: 0: 0	
-------	----------	------	---------	--

4.808	13730.51	61.2	3: 0:30	
-------	----------	------	---------	--

4.817	13731.88	61.3	3: 1: 0	
-------	----------	------	---------	--

REDUCED TO 80/64"

4.825	13733.32	61.3	3: 1:30	
-------	----------	------	---------	--

4.833	13744.44	61.3	3: 2: 0	
-------	----------	------	---------	--

4.842	13765.04	61.2	3: 2:30	
-------	----------	------	---------	--

4.850	13807.56	61.2	3: 3: 0	
-------	----------	------	---------	--

4.858	13832.88	61.1	3: 3:30	
-------	----------	------	---------	--

4.867	13845.44	61.1	3: 4: 0	
-------	----------	------	---------	--

4.875	13850.08	61.1	3: 4:30	
-------	----------	------	---------	--

4.883	13853.22	61.1	3: 5: 0	
-------	----------	------	---------	--

4.892	13856.36	61.1	3: 5:30	
-------	----------	------	---------	--

4.900	13856.36	61.1	3: 6: 0	
-------	----------	------	---------	--

4.908	13856.29	61.1	3: 6:30	
-------	----------	------	---------	--

4.917	13857.86	61.1	3: 7: 0	
-------	----------	------	---------	--

4.925	13856.29	61.1	3: 7:30	
-------	----------	------	---------	--

4.933	13856.23	61.2	3: 8: 0	
-------	----------	------	---------	--

4.942	13856.23	61.2	3: 8:30	
-------	----------	------	---------	--

4.950	13853.09	61.2	3: 9: 0	
-------	----------	------	---------	--

4.958	13853.09	61.2	3: 9:30	
-------	----------	------	---------	--

4.967	13854.59	61.2	3:10: 0	
-------	----------	------	---------	--

4.975	13854.59	61.2	3:10:30	
-------	----------	------	---------	--

4.983	13857.73	61.2	3:11: 0	
-------	----------	------	---------	--

4.992	13857.66	61.2	3:11:30	
-------	----------	------	---------	--

5.000	13856.09	61.2	3:12: 0	
-------	----------	------	---------	--

5.008	13856.09	61.2	3:12:30	
-------	----------	------	---------	--

5.017	13856.09	61.2	3:13: 0	
-------	----------	------	---------	--

5.025	13857.60	61.2	3:13:30	
-------	----------	------	---------	--

5.033	13857.60	61.2	3:14: 0	
-------	----------	------	---------	--

5.042	13857.60	61.2	3:14:30	
-------	----------	------	---------	--

5.050	13857.53	61.3	3:15: 0	
-------	----------	------	---------	--

5.058	13855.96	61.3	3:15:30	
-------	----------	------	---------	--

5.067	13855.96	61.3	3:16: 0	
-------	----------	------	---------	--

5.075	13859.10	61.3	3:16:30	
-------	----------	------	---------	--

5.083	13855.89	61.3	3:17: 0	
-------	----------	------	---------	--

5.092	13859.03	61.3	3:17:30	
-------	----------	------	---------	--

5.100	13859.03	61.3	3:18: 0	
-------	----------	------	---------	--

5.108	13858.97	61.3	3:18:30	
-------	----------	------	---------	--

5.117	13857.40	61.3	3:19: 0	
-------	----------	------	---------	--

5.125	13855.83	61.3	3:19:30	
-------	----------	------	---------	--

5.133	13855.83	61.3	3:20: 0	
-------	----------	------	---------	--

5.142	13855.76	61.3	3:20:30	
-------	----------	------	---------	--

5.150	13860.47	61.3	3:21: 0	
-------	----------	------	---------	--

REDUCED TO 64/64"

5.158	13935.75	61.4	3:21:30	
-------	----------	------	---------	--

5.167	14022.09	61.4	3:22: 0	
-------	----------	------	---------	--

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 13

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
5.175	14067.55	61.4	3:22:30	1/ 9/84
5.183	14092.60	61.4	3:23: 0	
5.192	14106.66	61.4	3:23:30	
5.200	14116.07	61.4	3:24: 0	
5.208	14120.72	61.5	3:24:30	
5.217	14122.22	61.5	3:25: 0	
5.225	14123.79	61.5	3:25:30	
5.233	14125.29	61.5	3:26: 0	
5.242	14123.65	61.5	3:26:30	
5.250	14125.15	61.5	3:27: 0	
5.258	14125.15	61.5	3:27:30	
5.267	14125.08	61.6	3:28: 0	
5.275	14125.01	61.6	3:28:30	
5.283	14125.01	61.6	3:29: 0	
5.292	14128.08	61.6	3:29:30	
5.300	14124.87	61.6	3:30: 0	
5.308	14128.01	61.6	3:30:30	
5.317	14127.94	61.7	3:31: 0	
5.325	14127.94	61.7	3:31:30	
5.333	14124.73	61.7	3:32: 0	
5.342	14123.10	61.7	3:32:30	
5.350	14124.67	61.7	3:33: 0	
5.358	14123.03	61.7	3:33:30	
5.367	14122.96	61.8	3:34: 0	
5.375	14124.53	61.8	3:34:30	
5.383	14126.03	61.8	3:35: 0	
5.392	14129.17	61.8	3:35:30	
5.400	14127.53	61.8	3:36: 0	
5.408	14127.46	61.8	3:36:30	
5.417	14127.46	61.8	3:37: 0	
5.425	14127.39	61.9	3:37:30	
5.433	14127.39	61.9	3:38: 0	
5.442	14125.75	61.9	3:38:30	
5.450	14130.46	61.9	3:39: 0	
5.458	14130.39	61.9	3:39:30	
5.467	14127.25	61.9	3:40: 0	
5.475	14127.18	61.9	3:40:30	
5.483	14130.32	61.9	3:41: 0	
5.492	14210.30	62.0	3:41:30	
5.500	14269.94	62.0	3:42: 0	
5.508	14301.26	62.0	3:42:30	
5.517	14321.66	62.0	3:43: 0	
5.525	14331.01	62.0	3:43:30	
5.533	14338.86	62.0	3:44: 0	
5.542	14341.93	62.0	3:44:30	
5.550	14346.63	62.0	3:45: 0	
5.558	14349.70	62.1	3:45:30	
5.567	14351.27	62.1	3:46: 0	
5.575	14349.63	62.1	3:46:30	
5.583	14349.63	62.1	3:47: 0	

REDUCED TO 56/64"

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 14

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
5.592	14349.56	62.1	3:47:30	1/ 9/84
5.600	14351.06	62.1	3:48: 0	
5.608	14349.49	62.1	3:48:30	
5.617	14349.42	62.2	3:49: 0	
5.625	14350.91	62.2	3:49:30	
5.633	14352.48	62.2	3:50: 0	
5.642	14352.41	62.2	3:50:30	
5.650	14353.91	62.2	3:51: 0	
5.658	14353.91	62.2	3:51:30	
5.667	14353.84	62.3	3:52: 0	
5.675	14352.20	62.3	3:52:30	
5.683	14353.77	62.3	3:53: 0	
5.692	14352.13	62.3	3:53:30	
5.700	14353.70	62.3	3:54: 0	
5.708	14353.62	62.3	3:54:30	
5.717	14352.05	62.3	3:55: 0	
5.725	14353.55	62.3	3:55:30	
5.733	14355.12	62.3	3:56: 0	
5.742	14351.91	62.4	3:56:30	
5.750	14351.91	62.4	3:57: 0	
5.758	14351.84	62.4	3:57:30	
5.767	14351.84	62.4	3:58: 0	
5.775	14351.77	62.4	3:58:30	
5.783	14353.34	62.4	3:59: 0	
5.792	14354.91	62.4	3:59:30	
5.800	14354.84	62.4	4: 0: 0	
5.808	14361.11	62.4	4: 0:30	
5.817	14467.75	62.5	4: 1: 0	
5.825	14547.79	62.5	4: 1:30	
5.833	14591.66	62.5	4: 2: 0	
5.842	14613.63	62.5	4: 2:30	
5.850	14626.11	62.5	4: 3: 0	
5.858	14637.09	62.5	4: 3:30	
5.867	14646.44	62.5	4: 4: 0	
5.875	14652.71	62.5	4: 4:30	
5.883	14654.21	62.6	4: 5: 0	
5.892	14655.70	62.6	4: 5:30	
5.900	14654.06	62.6	4: 6: 0	
5.908	14652.42	62.6	4: 6:30	
5.917	14655.48	62.7	4: 7: 0	
5.925	14658.54	62.7	4: 7:30	
5.933	14661.61	62.7	4: 8: 0	
5.942	14661.53	62.7	4: 8:30	
5.950	14659.89	62.8	4: 9: 0	
5.958	14658.25	62.8	4: 9:30	
5.967	14655.03	62.8	4:10: 0	
5.975	14655.03	62.8	4:10:30	
5.983	14658.10	62.8	4:11: 0	
5.992	14659.59	62.9	4:11:30	
6.000	14661.16	62.9	4:12: 0	

REDUCED TO 48/64"

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 15

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
6.008	14659.52	62.9	4:12:30	1/ 9/84
6.017	14657.95	62.9	4:13: 0	
6.025	14656.30	62.9	4:13:30	
6.033	14657.80	62.9	4:14: 0	
6.042	14657.80	62.9	4:14:30	
6.050	14660.86	63.0	4:15: 0	
6.058	14660.79	63.0	4:15:30	
6.067	14660.79	63.0	4:16: 0	
6.075	14660.71	63.0	4:16:30	
6.083	14657.57	63.0	4:17: 0	
6.092	14657.50	63.0	4:17:30	
6.100	14658.99	63.1	4:18: 0	
6.108	14662.13	63.1	4:18:30	
6.117	14663.63	63.1	4:19: 0	
6.125	14660.41	63.1	4:19:30	
6.133	14658.84	63.1	4:20: 0	
6.142	14726.24	63.1	4:20:30	
6.150	14839.21	63.1	4:21: 0	
6.158	14901.90	63.1	4:21:30	
6.167	14939.48	63.2	4:22: 0	
6.175	14955.17	63.2	4:22:30	
6.183	14962.94	63.2	4:23: 0	
6.192	14966.00	63.2	4:23:30	
6.200	14970.70	63.2	4:24: 0	
6.208	14976.90	63.2	4:24:30	
6.217	14983.18	63.2	4:25: 0	
6.225	14983.10	63.3	4:25:30	
6.233	14979.88	63.3	4:26: 0	
6.242	14976.67	63.3	4:26:30	
6.250	14978.16	63.3	4:27: 0	
6.258	14982.79	63.4	4:27:30	
6.267	14988.99	63.4	4:28: 0	
6.275	14988.91	63.4	4:28:30	
6.283	14985.69	63.4	4:29: 0	
6.292	14984.05	63.5	4:29:30	
6.300	14980.83	63.5	4:30: 0	
6.308	14985.46	63.5	4:30:30	
6.317	14991.66	63.5	4:31: 0	
6.325	14993.23	63.5	4:31:30	
6.333	14994.72	63.6	4:32: 0	
6.342	14990.01	63.6	4:32:30	
6.350	14983.66	63.6	4:33: 0	
6.358	14985.23	63.6	4:33:30	
6.367	14989.85	63.6	4:34: 0	
6.375	14992.99	63.6	4:34:30	
6.383	14991.34	63.6	4:35: 0	
6.392	14991.34	63.6	4:35:30	
6.400	14991.27	63.7	4:36: 0	
6.408	14989.70	63.7	4:36:30	
6.417	14988.05	63.7	4:37: 0	

REDUCED TO 40/64"

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 16

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME
6.425	14989.62	63.7	4:37:30
6.433	14987.97	63.7	4:38: 0
6.442	14987.97	63.7	4:38:30
6.450	14989.46	63.7	4:39: 0
6.458	14991.03	63.7	4:39:30
6.467	14990.95	63.8	4:40: 0
6.475	14987.74	63.8	4:40:30
6.483	14997.15	63.8	4:41: 0
6.492	15131.99	63.8	4:41:30
6.500	15211.91	63.8	4:42: 0
6.508	15254.27	63.8	4:42:30
6.517	15269.88	63.9	4:43: 0
6.525	15276.07	63.9	4:43:30
6.533	15279.21	63.9	4:44: 0
6.542	15282.27	63.9	4:44:30
6.550	15285.32	63.9	4:45: 0
6.558	15290.03	63.9	4:45:30
6.567	15293.09	64.0	4:46: 0
6.575	15288.30	64.0	4:46:30
6.583	15288.30	64.0	4:47: 0
6.592	15288.22	64.0	4:47:30
6.600	15288.14	64.0	4:48: 0
6.608	15288.06	64.0	4:48:30
6.617	15287.98	64.1	4:49: 0
6.625	15287.89	64.1	4:49:30
6.633	15287.81	64.1	4:50: 0
6.642	15286.24	64.1	4:50:30
6.650	15287.73	64.1	4:51: 0
6.658	15287.65	64.2	4:51:30
6.667	15287.57	64.2	4:52: 0
6.675	15289.06	64.2	4:52:30
6.683	15293.68	64.2	4:53: 0
6.692	15293.68	64.2	4:53:30
6.700	15293.60	64.3	4:54: 0
6.708	15292.03	64.3	4:54:30
6.717	15291.95	64.3	4:55: 0
6.725	15290.38	64.3	4:55:30
6.733	15291.95	64.3	4:56: 0
6.742	15293.44	64.3	4:56:30
6.750	15293.44	64.3	4:57: 0
6.758	15293.36	64.3	4:57:30
6.767	15291.79	64.3	4:58: 0
6.775	15290.22	64.3	4:58:30
6.783	15290.14	64.4	4:59: 0
6.792	15290.14	64.4	4:59:30
6.800	15291.63	64.4	5: 0: 0
6.808	15294.76	64.4	5: 0:30
6.817	15363.78	64.4	5: 1: 0
6.825	15406.05	64.4	5: 1:30
6.833	15421.73	64.4	5: 2: 0

1/ 9/84

REDUCED TO 32/64"

REDUCED TO 28/64"

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 17

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
6.842	15426.35	64.4	5: 2:30	1/ 9/84
6.850	15431.06	64.4	5: 3: 0	
6.858	15431.06	64.4	5: 3:30	
6.867	15434.11	64.5	5: 4: 0	
6.875	15432.55	64.5	5: 4:30	
6.883	15435.60	64.5	5: 5: 0	
6.892	15435.60	64.5	5: 5:30	
6.900	15435.60	64.5	5: 6: 0	
6.908	15432.38	64.5	5: 6:30	
6.917	15433.95	64.5	5: 7: 0	
6.925	15432.38	64.5	5: 7:30	
6.933	15432.30	64.5	5: 8: 0	
6.942	15430.73	64.5	5: 8:30	
6.950	15433.87	64.5	5: 9: 0	
6.958	15435.35	64.6	5: 9:30	
6.967	15435.35	64.6	5:10: 0	
6.975	15433.78	64.6	5:10:30	
6.983	15430.56	64.6	5:11: 0	
6.992	15432.13	64.6	5:11:30	
7.000	15433.70	64.6	5:12: 0	
7.008	15435.19	64.6	5:12:30	
7.017	15435.19	64.6	5:13: 0	
7.025	15436.76	64.6	5:13:30	
7.033	15435.19	64.6	5:14: 0	
7.042	15433.54	64.6	5:14:30	
7.050	15433.54	64.6	5:15: 0	
7.058	15433.54	64.6	5:15:30	
7.067	15433.45	64.7	5:16: 0	
7.075	15433.45	64.7	5:16:30	
7.083	15433.45	64.7	5:17: 0	
7.092	15433.37	64.7	5:17:30	
7.100	15434.94	64.7	5:18: 0	
7.108	15433.37	64.7	5:18:30	
7.117	15433.29	64.7	5:19: 0	
7.125	15433.29	64.7	5:19:30	
7.133	15434.86	64.7	5:20: 0	
7.142	15433.21	64.7	5:20:30	
7.150	15436.34	64.7	5:21: 0	
7.158	15505.35	64.7	5:21:30	
7.167	15527.31	64.7	5:22: 0	
7.175	15536.63	64.8	5:22:30	
7.183	15538.20	64.8	5:23: 0	
7.192	15536.63	64.8	5:23:30	
7.200	15536.63	64.8	5:24: 0	
7.208	15536.63	64.8	5:24:30	
7.217	15533.41	64.8	5:25: 0	
7.225	15533.41	64.8	5:25:30	
7.233	15534.98	64.8	5:26: 0	
7.242	15536.55	64.8	5:26:30	
7.250	15536.55	64.8	5:27: 0	

REDUCED TO 24/64"

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 18

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
7.258	15536.47	64.8	5:27:30	1/ 9/84
7.267	15536.47	64.8	5:28: 0	
7.275	15534.90	64.8	5:28:30	
7.283	15536.47	64.8	5:29: 0	
7.292	15536.38	64.8	5:29:30	
7.300	15536.38	64.8	5:30: 0	
7.308	15536.38	64.8	5:30:30	
7.317	15536.38	64.8	5:31: 0	
7.325	15536.38	64.8	5:31:30	
7.333	15536.30	64.8	5:32: 0	
7.342	15533.16	64.8	5:32:30	
7.350	15533.16	64.8	5:33: 0	
7.358	15533.16	64.8	5:33:30	
7.367	15533.16	64.8	5:34: 0	
7.375	15536.22	64.9	5:34:30	
7.383	15534.65	64.9	5:35: 0	
7.392	15536.22	64.9	5:35:30	
7.400	15536.22	64.9	5:36: 0	
7.408	15533.08	64.9	5:36:30	
7.417	15532.99	64.9	5:37: 0	
7.425	15531.43	64.9	5:37:30	
7.433	15532.99	64.9	5:38: 0	
7.442	15532.99	64.9	5:38:30	
7.450	15534.56	64.9	5:39: 0	
7.458	15534.48	64.9	5:39:30	
7.467	15534.48	64.9	5:40: 0	
7.475	15532.91	64.9	5:40:30	
7.483	15570.55	64.9	5:41: 0	
7.492	15714.75	64.9	5:41:30	
7.500	15719.45	64.9	5:42: 0	
7.508	15721.02	64.9	5:42:30	
7.517	15721.02	64.9	5:43: 0	
7.525	15724.16	64.9	5:43:30	
7.533	15722.51	65.0	5:44: 0	
7.542	15720.94	65.0	5:44:30	
7.550	15722.51	65.0	5:45: 0	
7.558	15724.07	65.0	5:45:30	
7.567	15723.99	65.0	5:46: 0	
7.575	15722.42	65.0	5:46:30	
7.583	15723.90	65.0	5:47: 0	
7.592	15723.90	65.0	5:47:30	
7.600	15722.25	65.0	5:48: 0	
7.608	15723.82	65.0	5:48:30	
7.617	15722.25	65.0	5:49: 0	
7.625	15722.16	65.1	5:49:30	
7.633	15723.73	65.1	5:50: 0	
7.642	15723.65	65.1	5:50:30	
7.650	15723.65	65.1	5:51: 0	
7.658	15723.56	65.1	5:51:30	
7.667	15723.56	65.1	5:52: 0	

CLOSE CHOKE MAN.

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 19

STATOIL
TROLL
31/6-2

NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (PRESSURE LOSS TEST)

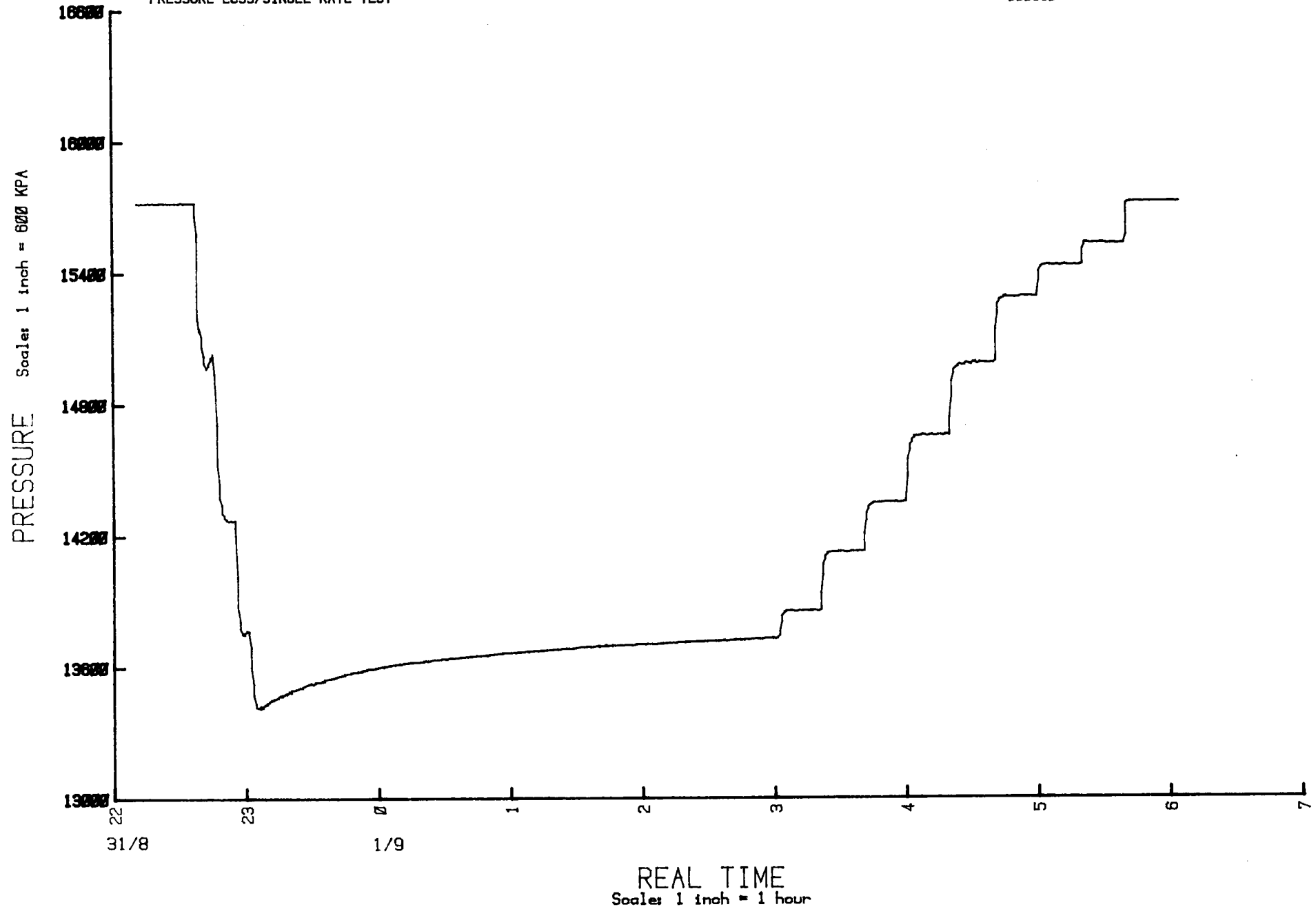
DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
7.675	15721.91	65.1	5:52:30	1/ 9/84
7.683	15723.47	65.1	5:53: 0	
7.692	15723.47	65.1	5:53:30	
7.700	15723.39	65.2	5:54: 0	
7.708	15723.39	65.2	5:54:30	
7.717	15723.30	65.2	5:55: 0	
7.725	15723.30	65.2	5:55:30	
7.733	15723.22	65.2	5:56: 0	
7.742	15723.22	65.2	5:56:30	
7.750	15723.30	65.2	5:57: 0	
7.758	15723.30	65.2	5:57:30	
7.767	15723.39	65.2	5:58: 0	
7.775	15723.39	65.2	5:58:30	
7.783	15723.47	65.1	5:59: 0	
7.792	15723.47	65.1	5:59:30	
7.800	15723.56	65.1	6: 0: 0	

END OF TEST

STATOIL
31/6-2
TROLL
PRESSURE LOSS/SINGLE RATE TEST

NL Sperry-Sun, Inc. PRESSURE Vs TIME PLOT

31 AUGUST 1984
NR-MS-40146
1930
D0093D



9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 1

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (SINGLE RATE TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
-0.517	15723.56	65.1	6: 0: 0	1/ 9/84
-0.508	15723.56	65.1	6: 0:30	
-0.500	15723.65	65.1	6: 1: 0	
-0.492	15723.65	65.1	6: 1:30	
-0.483	15723.73	65.1	6: 2: 0	
-0.475	15723.73	65.1	6: 2:30	
-0.467	15723.82	65.0	6: 3: 0	
-0.458	15723.82	65.0	6: 3:30	
-0.450	15722.33	65.0	6: 4: 0	
-0.442	15722.33	65.0	6: 4:30	
-0.433	15723.99	65.0	6: 5: 0	
-0.425	15723.99	65.0	6: 5:30	
-0.417	15724.07	65.0	6: 6: 0	
-0.408	15724.16	64.9	6: 6:30	
-0.400	15722.59	64.9	6: 7: 0	
-0.392	15724.24	64.9	6: 7:30	
-0.383	15724.33	64.9	6: 8: 0	
-0.375	15722.85	64.9	6: 8:30	
-0.367	15722.85	64.9	6: 9: 0	
-0.358	15724.50	64.8	6: 9:30	
-0.350	15723.02	64.8	6:10: 0	
-0.342	15724.59	64.8	6:10:30	
-0.333	15721.53	64.8	6:11: 0	
-0.325	15723.19	64.8	6:11:30	
-0.317	15724.84	64.8	6:12: 0	
-0.308	15721.71	64.8	6:12:30	
-0.300	15723.36	64.7	6:13: 0	
-0.292	15721.88	64.7	6:13:30	
-0.283	15725.01	64.7	6:14: 0	
-0.275	15721.96	64.7	6:14:30	
-0.267	15722.05	64.7	6:15: 0	
-0.258	15723.62	64.7	6:15:30	
-0.250	15723.70	64.6	6:16: 0	
-0.242	15723.79	64.6	6:16:30	
-0.233	15722.22	64.6	6:17: 0	
-0.225	15723.87	64.6	6:17:30	
-0.217	15722.39	64.6	6:18: 0	
-0.208	15723.96	64.6	6:18:30	
-0.200	15722.47	64.5	6:19: 0	
-0.192	15724.13	64.5	6:19:30	
-0.183	15722.56	64.5	6:20: 0	
-0.175	15724.21	64.5	6:20:30	
-0.167	15724.30	64.5	6:21: 0	
-0.158	15722.81	64.4	6:21:30	
-0.150	15724.47	64.4	6:22: 0	
-0.142	15722.98	64.4	6:22:30	
-0.133	15723.07	64.4	6:23: 0	
-0.125	15723.15	64.3	6:23:30	
-0.117	15723.24	64.3	6:24: 0	
-0.108	15723.32	64.3	6:24:30	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 2

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (SINGLE RATE TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
-0.100	15723.41	64.3	6:25: 0	1/ 9/84
-0.092	15723.49	64.2	6:25:30	
-0.083	15725.15	64.2	6:26: 0	
-0.075	15723.66	64.2	6:26:30	
-0.067	15722.18	64.2	6:27: 0	
-0.058	15723.83	64.1	6:27:30	
-0.050	15724.00	64.1	6:28: 0	
-0.042	15724.09	64.1	6:28:30	
-0.033	15724.17	64.0	6:29: 0	
-0.025	15722.69	64.0	6:29:30	
-0.017	15722.77	64.0	6:30: 0	
-0.008	15722.86	64.0	6:30:30	
0.000	15722.86	64.0	6:31: 0	
0.008	15142.49	64.0	6:31:30	
0.017	15213.16	63.9	6:32: 0	
0.025	15238.26	63.9	6:32:30	
0.033	15241.48	63.9	6:33: 0	
0.042	15244.70	63.9	6:33:30	
0.050	15249.40	63.9	6:34: 0	
0.058	15260.47	63.9	6:34:30	
0.067	15235.45	63.8	6:35: 0	
0.075	15116.22	63.8	6:35:30	
0.083	15039.43	63.8	6:36: 0	
0.092	14945.38	63.8	6:36:30	
0.100	14906.16	63.8	6:37: 0	
0.108	14808.98	63.8	6:37:30	
0.117	14666.01	63.8	6:38: 0	
0.125	14543.36	63.9	6:38:30	
0.133	14434.91	64.0	6:39: 0	
0.142	14328.41	64.0	6:39:30	
0.150	14228.10	63.9	6:40: 0	
0.158	14118.45	63.9	6:40:30	
0.167	14037.04	63.8	6:41: 0	
0.175	13971.23	63.8	6:41:30	
0.183	13933.73	63.8	6:42: 0	
0.192	13922.96	63.7	6:42:30	
0.200	13915.39	63.6	6:43: 0	
0.208	13912.46	63.5	6:43:30	
0.217	13909.46	63.5	6:44: 0	
0.225	13908.09	63.4	6:44:30	
0.233	13906.66	63.3	6:45: 0	
0.242	13906.87	63.3	6:45:30	
0.250	13903.93	63.2	6:46: 0	
0.258	13901.07	63.1	6:46:30	
0.267	13902.84	63.0	6:47: 0	
0.275	13901.41	63.0	6:47:30	
0.283	13900.04	62.9	6:48: 0	
0.292	13901.75	62.9	6:48:30	
0.300	13897.24	62.8	6:49: 0	
0.308	13898.95	62.7	6:49:30	

OPEN CHOKE MAN. FLOW
THROUGH 32/64" HEATER

96/64" ON HEATER

FLOW THROUGH SEP.

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 3

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (SINGLE RATE TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
0.317	13896.01	62.7	6:50: 0	1/ 9/84
0.325	13893.01	62.6	6:50:30	
0.333	13891.65	62.5	6:51: 0	
0.342	13890.21	62.5	6:51:30	
0.350	13893.42	62.5	6:52: 0	
0.358	13893.55	62.4	6:52:30	
0.367	13890.55	62.4	6:53: 0	
0.375	13889.05	62.3	6:53:30	
0.383	13889.18	62.3	6:54: 0	
0.392	13890.82	62.3	6:54:30	
0.400	13890.89	62.3	6:55: 0	
0.408	13890.95	62.2	6:55:30	
0.417	13887.88	62.2	6:56: 0	
0.425	13888.02	62.2	6:56:30	
0.433	13891.22	62.1	6:57: 0	
0.442	13888.15	62.1	6:57:30	
0.450	13888.22	62.1	6:58: 0	
0.458	13888.29	62.1	6:58:30	
0.467	13888.29	62.1	6:59: 0	
0.475	13888.35	62.0	6:59:30	
0.483	13886.78	62.0	7: 0: 0	
0.492	13888.42	62.0	7: 0:30	
0.500	13888.42	62.0	7: 1: 0	
0.508	13888.49	62.0	7: 1:30	
0.517	13888.49	62.0	7: 2: 0	
0.525	13890.12	62.0	7: 2:30	
0.533	13888.56	62.0	7: 3: 0	
0.542	13888.62	61.9	7: 3:30	
0.550	13888.62	61.9	7: 4: 0	
0.558	13888.69	61.9	7: 4:30	
0.567	13888.69	61.9	7: 5: 0	
0.575	13888.76	61.9	7: 5:30	
0.583	13888.76	61.9	7: 6: 0	
0.592	13888.82	61.9	7: 6:30	
0.600	13887.25	61.9	7: 7: 0	
0.608	13887.32	61.8	7: 7:30	
0.617	13888.89	61.8	7: 8: 0	
0.625	13888.96	61.8	7: 8:30	
0.633	13889.02	61.8	7: 9: 0	
0.642	13890.59	61.8	7: 9:30	
0.650	13890.66	61.8	7:10: 0	
0.658	13890.66	61.8	7:10:30	
0.667	13890.73	61.7	7:11: 0	
0.675	13890.73	61.7	7:11:30	
0.683	13892.37	61.7	7:12: 0	
0.692	13889.23	61.7	7:12:30	
0.700	13889.29	61.7	7:13: 0	
0.708	13889.29	61.7	7:13:30	
0.717	13889.36	61.7	7:14: 0	
0.725	13889.36	61.7	7:14:30	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 4

STATOIL
TROLL
31/6-2

NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (SINGLE RATE TEST)

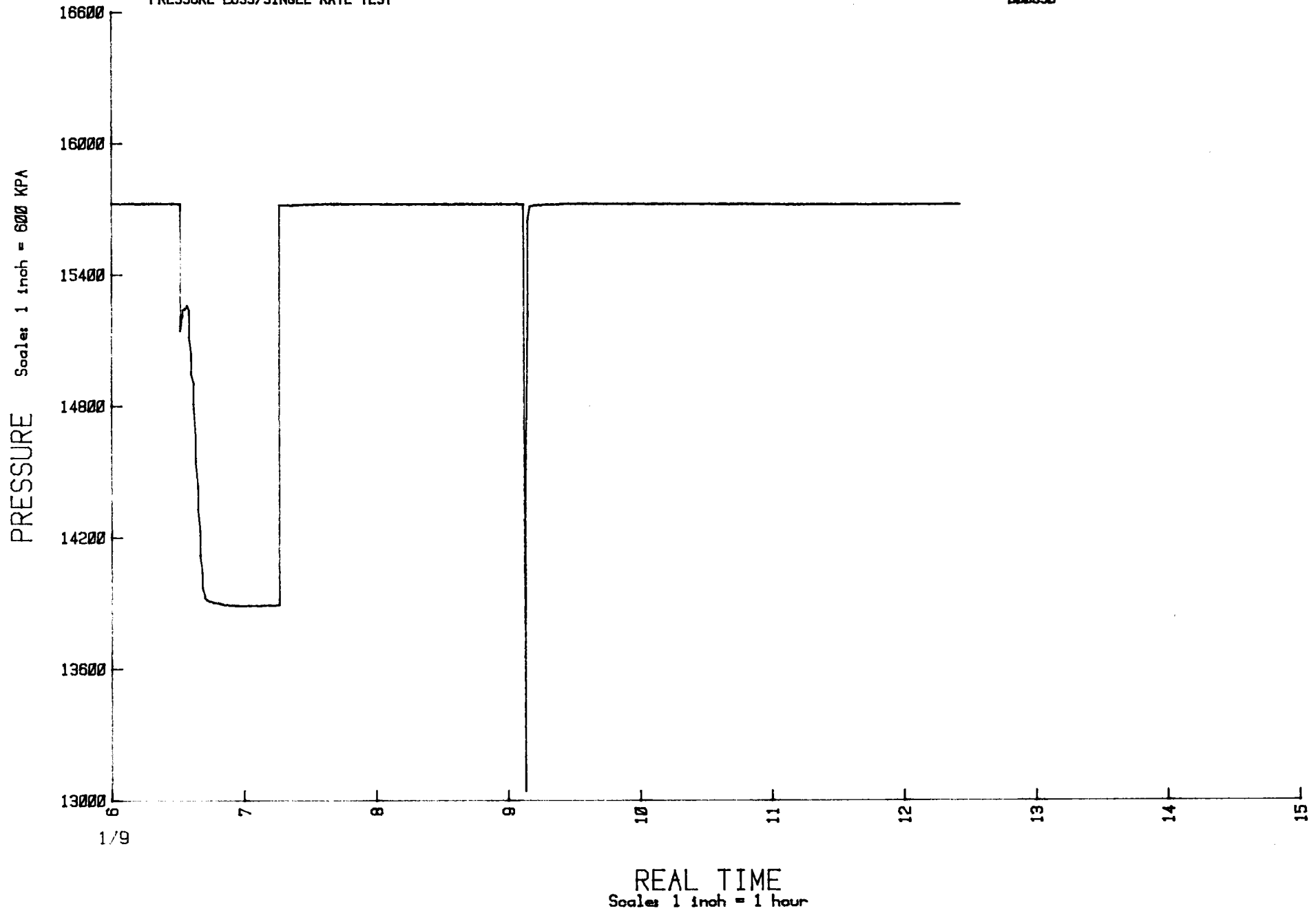
DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
0.733	13892.57	61.6	7:15: 0	1/ 9/84
0.742	13892.57	61.6	7:15:30	
0.750	13892.63	61.6	7:16: 0	END OF FLOW

STATOIL
31/8-2
TROLL
PRESSURE LOSS/SINGLE RATE TEST

NL Sperry-Sun, Inc.

PRESSURE Vs TIME PLOT

31 AUGUST 1984
NR-MS-40148
1939
D00830



10/ 9/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 1

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (BUILD UP PERIOD)

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

0.000	13892.63	61.6	7:16: 0
0.008	15718.45	61.6	7:16:30
0.017	15716.97	61.6	7:17: 0
0.025	15716.97	61.6	7:17:30
0.033	15717.05	61.6	7:18: 0
0.042	15716.97	61.6	7:18:30
0.050	15716.80	61.6	7:19: 0
0.058	15716.72	61.7	7:19:30
0.067	15718.12	61.7	7:20: 0
0.075	15718.04	61.7	7:20:30
0.083	15716.30	61.8	7:21: 0
0.092	15716.22	61.8	7:21:30
0.100	15717.62	61.9	7:22: 0
0.108	15715.97	61.9	7:22:30
0.117	15717.37	61.9	7:23: 0
0.125	15718.77	62.0	7:23:30
0.133	15717.12	62.0	7:24: 0
0.142	15718.52	62.1	7:24:30
0.150	15718.44	62.1	7:25: 0
0.158	15719.93	62.1	7:25:30
0.167	15718.27	62.1	7:26: 0
0.175	15718.19	62.2	7:26:30
0.183	15719.59	62.2	7:27: 0
0.192	15719.51	62.2	7:27:30
0.200	15720.99	62.3	7:28: 0
0.208	15719.34	62.3	7:28:30
0.217	15720.83	62.3	7:29: 0
0.225	15719.17	62.3	7:29:30
0.233	15720.74	62.3	7:30: 0
0.242	15720.66	62.3	7:30:30
0.250	15720.58	62.4	7:31: 0
0.258	15720.58	62.4	7:31:30
0.267	15720.49	62.4	7:32: 0
0.275	15720.41	62.4	7:32:30
0.283	15720.41	62.4	7:33: 0
0.292	15721.89	62.4	7:33:30
0.300	15721.81	62.5	7:34: 0
0.308	15720.24	62.5	7:34:30
0.317	15721.73	62.5	7:35: 0
0.325	15721.64	62.5	7:35:30
0.333	15721.64	62.5	7:36: 0
0.342	15721.56	62.5	7:36:30
0.350	15723.13	62.5	7:37: 0
0.358	15723.13	62.5	7:37:30
0.367	15721.56	62.5	7:38: 0
0.375	15721.48	62.6	7:38:30
0.383	15723.05	62.6	7:39: 0
0.392	15723.05	62.6	7:39:30
0.400	15723.05	62.6	7:40: 0
0.408	15721.46	62.6	7:40:30

1/ 9/84 WELL SHUT IN AT LPR

10/ 9/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 2

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (BUILD UP PERIOD)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
0.417	15723.05	62.6	7:41: 0	1/ 9/84
0.425	15719.82	62.6	7:41:30	
0.433	15722.96	62.6	7:42: 0	
0.442	15721.39	62.6	7:42:30	
0.450	15722.96	62.6	7:43: 0	
0.458	15721.39	62.6	7:43:30	
0.467	15722.96	62.6	7:44: 0	
0.475	15721.31	62.6	7:44:30	
0.483	15721.31	62.6	7:45: 0	
0.492	15722.88	62.6	7:45:30	
0.500	15722.88	62.6	7:46: 0	
0.508	15721.31	62.6	7:46:30	
0.517	15721.31	62.6	7:47: 0	
0.525	15721.22	62.6	7:47:30	
0.533	15722.79	62.6	7:48: 0	
0.542	15722.79	62.6	7:48:30	
0.550	15722.79	62.6	7:49: 0	
0.558	15722.79	62.6	7:49:30	
0.567	15722.79	62.6	7:50: 0	
0.575	15721.14	62.7	7:50:30	
0.583	15722.71	62.7	7:51: 0	
0.592	15722.71	62.7	7:51:30	
0.600	15722.71	62.7	7:52: 0	
0.608	15722.71	62.7	7:52:30	
0.617	15722.71	62.7	7:53: 0	
0.625	15722.71	62.7	7:53:30	
0.633	15722.63	62.7	7:54: 0	
0.642	15722.63	62.7	7:54:30	
0.650	15722.63	62.7	7:55: 0	
0.658	15722.63	62.7	7:55:30	
0.667	15722.63	62.7	7:56: 0	
0.675	15722.63	62.7	7:56:30	
0.683	15722.54	62.7	7:57: 0	
0.692	15722.54	62.7	7:57:30	
0.700	15720.97	62.7	7:58: 0	
0.708	15722.54	62.7	7:58:30	
0.717	15722.54	62.7	7:59: 0	
0.725	15722.54	62.7	7:59:30	
0.733	15722.46	62.7	8: 0: 0	
0.742	15722.46	62.7	8: 0:30	
0.750	15722.46	62.7	8: 1: 0	
0.758	15722.46	62.7	8: 1:30	
0.767	15722.46	62.7	8: 2: 0	
0.775	15722.46	62.7	8: 2:30	
0.783	15720.80	62.8	8: 3: 0	
0.792	15720.80	62.8	8: 3:30	
0.800	15722.37	62.8	8: 4: 0	
0.808	15722.37	62.8	8: 4:30	
0.817	15720.80	62.8	8: 5: 0	
0.825	15722.37	62.8	8: 5:30	

10/ 9/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 3

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (BUILD UP PERIOD)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
0.833	15722.29	62.8	8: 6: 0	1/ 9/84
0.842	15722.29	62.8	8: 6:30	
0.850	15720.72	62.8	8: 7: 0	
0.858	15722.29	62.8	8: 7:30	
0.867	15720.72	62.8	8: 8: 0	
0.875	15720.72	62.8	8: 8:30	
0.883	15720.72	62.8	8: 9: 0	
0.892	15720.80	62.8	8: 9:30	
0.900	15722.37	62.8	8:10: 0	
0.908	15720.80	62.8	8:10:30	
0.917	15722.37	62.8	8:11: 0	
0.925	15720.80	62.8	8:11:30	
0.933	15722.37	62.8	8:12: 0	
0.942	15720.89	62.7	8:12:30	
0.950	15722.46	62.7	8:13: 0	
0.958	15722.46	62.7	8:13:30	
0.967	15720.89	62.7	8:14: 0	
0.975	15722.46	62.7	8:14:30	
0.983	15719.32	62.7	8:15: 0	
0.992	15722.54	62.7	8:15:30	
1.000	15720.97	62.7	8:16: 0	
1.008	15722.54	62.7	8:16:30	
1.017	15722.54	62.7	8:17: 0	
1.025	15722.54	62.7	8:17:30	
1.033	15722.54	62.7	8:18: 0	
1.042	15721.06	62.7	8:18:30	
1.050	15722.63	62.7	8:19: 0	
1.058	15722.63	62.7	8:19:30	
1.067	15722.63	62.7	8:20: 0	
1.075	15722.63	62.7	8:20:30	
1.083	15721.06	62.7	8:21: 0	
1.092	15722.71	62.7	8:21:30	
1.100	15721.14	62.7	8:22: 0	
1.108	15722.71	62.7	8:22:30	
1.117	15721.14	62.7	8:23: 0	
1.125	15722.71	62.7	8:23:30	
1.133	15722.71	62.7	8:24: 0	
1.142	15721.22	62.6	8:24:30	
1.150	15722.79	62.6	8:25: 0	
1.158	15719.65	62.6	8:25:30	
1.167	15722.79	62.6	8:26: 0	
1.175	15721.22	62.6	8:26:30	
1.183	15721.22	62.6	8:27: 0	
1.192	15721.31	62.6	8:27:30	
1.200	15722.88	62.6	8:28: 0	
1.208	15722.88	62.6	8:28:30	
1.217	15721.31	62.6	8:29: 0	
1.225	15722.88	62.6	8:29:30	
1.233	15719.74	62.6	8:30: 0	
1.242	15721.31	62.6	8:30:30	

10/ 9/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 4

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (BUILD UP PERIOD)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
1.250	15721.39	62.6	8:31: 0	1/ 9/84
1.258	15722.96	62.6	8:31:30	
1.267	15719.82	62.6	8:32: 0	
1.275	15721.39	62.6	8:32:30	
1.283	15721.39	62.6	8:33: 0	
1.292	15721.48	62.6	8:33:30	
1.300	15721.48	62.6	8:34: 0	
1.308	15721.48	62.6	8:34:30	
1.317	15723.05	62.6	8:35: 0	
1.325	15721.48	62.6	8:35:30	
1.333	15723.05	62.6	8:36: 0	
1.342	15721.56	62.5	8:36:30	
1.350	15723.13	62.5	8:37: 0	
1.358	15719.99	62.5	8:37:30	
1.367	15723.13	62.5	8:38: 0	
1.375	15719.99	62.5	8:38:30	
1.383	15723.13	62.5	8:39: 0	
1.392	15719.99	62.5	8:39:30	
1.400	15723.21	62.5	8:40: 0	
1.408	15721.64	62.5	8:40:30	
1.417	15723.21	62.5	8:41: 0	
1.425	15721.64	62.5	8:41:30	
1.433	15721.64	62.5	8:42: 0	
1.442	15721.64	62.5	8:42:30	
1.450	15723.30	62.5	8:43: 0	
1.458	15721.73	62.5	8:43:30	
1.467	15721.73	62.5	8:44: 0	
1.475	15720.16	62.5	8:44:30	
1.483	15720.16	62.5	8:45: 0	
1.492	15721.73	62.5	8:45:30	
1.500	15721.73	62.5	8:46: 0	
1.508	15720.24	62.5	8:46:30	
1.517	15720.24	62.5	8:47: 0	
1.525	15723.38	62.5	8:47:30	
1.533	15721.81	62.5	8:48: 0	
1.542	15721.81	62.5	8:48:30	
1.550	15720.24	62.5	8:49: 0	
1.558	15721.89	62.4	8:49:30	
1.567	15720.32	62.4	8:50: 0	
1.575	15721.89	62.4	8:50:30	
1.583	15720.32	62.4	8:51: 0	
1.600	15721.89	62.4	8:52: 0	
1.608	15721.89	62.4	8:52:30	
1.617	15721.89	62.4	8:53: 0	
1.625	15720.41	62.4	8:53:30	
1.633	15721.98	62.4	8:54: 0	
1.642	15723.55	62.4	8:54:30	
1.650	15721.98	62.4	8:55: 0	
1.658	15721.98	62.4	8:55:30	
1.667	15720.41	62.4	8:56: 0	

10/ 9/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 5

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (BUILD UP PERIOD)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME
1.675	15723.63	62.4	8:56:30
1.683	15720.49	62.4	8:57: 0
1.692	15722.06	62.4	8:57:30
1.700	15722.06	62.4	8:58: 0
1.708	15722.06	62.4	8:58:30
1.717	15722.06	62.4	8:59: 0
1.725	15720.49	62.4	8:59:30
1.733	15722.15	62.4	9: 0: 0
1.742	15720.58	62.4	9: 0:30
1.750	15722.15	62.4	9: 1: 0
1.758	15722.15	62.4	9: 1:30
1.775	15722.15	62.4	9: 2:30
1.783	15720.58	62.4	9: 3: 0
1.792	15723.80	62.3	9: 3:30
1.800	15722.23	62.3	9: 4: 0
1.808	15720.66	62.3	9: 4:30
1.817	15722.23	62.3	9: 5: 0
1.825	15720.66	62.3	9: 5:30
1.833	15722.23	62.3	9: 6: 0
1.842	15722.23	62.3	9: 6:30
1.850	15722.31	62.3	9: 7: 0
1.858	13040.25	62.3	9: 7:30
1.867	14461.91	62.3	9: 8: 0
1.875	15219.99	62.3	9: 8:30
1.883	15645.39	62.3	9: 9: 0
1.892	15709.75	62.3	9: 9:30
1.900	15711.41	62.3	9:10: 0
1.908	15714.55	62.3	9:10:30
1.917	15714.55	62.3	9:11: 0
1.925	15717.69	62.3	9:11:30
1.933	15717.44	62.4	9:12: 0
1.942	15717.27	62.4	9:12:30
1.950	15717.02	62.5	9:13: 0
1.958	15718.42	62.5	9:13:30
1.967	15718.25	62.6	9:14: 0
1.975	15716.60	62.6	9:14:30
1.992	15719.57	62.7	9:15:30
2.000	15719.40	62.7	9:16: 0
2.008	15720.89	62.7	9:16:30
2.025	15720.72	62.8	9:17:30
2.033	15721.45	63.0	9:18: 0
2.042	15721.28	63.1	9:18:30
2.050	15719.54	63.1	9:19: 0
2.058	15720.94	63.2	9:19:30
2.075	15720.77	63.2	9:20:30
2.083	15720.61	63.3	9:21: 0
2.092	15720.61	63.3	9:21:30
2.100	15722.18	63.3	9:22: 0
2.108	15720.63	63.3	9:22:30
2.117	15722.69	63.3	9:23: 0

OPEN LPR

10/ 9/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 6

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M.(BUILD UP PERIOD)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
2.125	15723.66	63.3	9:23:30	1/ 9/84
2.133	15722.09	63.3	9:24: 0	
2.150	15723.58	63.3	9:25: 0	
2.158	15723.58	63.3	9:25:30	
2.167	15725.14	63.3	9:26: 0	
2.183	15723.58	63.3	9:27: 0	
2.192	15723.49	63.3	9:27:30	
2.200	15723.49	63.3	9:28: 0	
2.208	15723.49	63.3	9:28:30	
2.225	15723.49	63.3	9:29:30	
2.233	15723.49	63.3	9:30: 0	
2.242	15724.98	63.4	9:30:30	
2.250	15723.41	63.4	9:31: 0	
2.258	15724.98	63.4	9:31:30	
2.267	15723.41	63.4	9:32: 0	
2.275	15723.32	63.4	9:32:30	
2.283	15724.89	63.4	9:33: 0	
2.292	15724.89	63.4	9:33:30	
2.300	15724.89	63.4	9:34: 0	
2.308	15724.81	63.4	9:34:30	
2.325	15723.24	63.4	9:35:30	
2.333	15723.24	63.4	9:36: 0	
2.342	15723.24	63.4	9:36:30	
2.350	15724.72	63.4	9:37: 0	
2.358	15723.15	63.4	9:37:30	
2.367	15723.15	63.4	9:38: 0	
2.375	15724.72	63.4	9:38:30	
2.383	15724.72	63.4	9:39: 0	
2.392	15724.64	63.5	9:39:30	
2.400	15724.64	63.5	9:40: 0	
2.408	15723.07	63.5	9:40:30	
2.417	15723.07	63.5	9:41: 0	
2.425	15722.98	63.5	9:41:30	
2.433	15722.98	63.5	9:42: 0	
2.442	15722.98	63.5	9:42:30	
2.450	15722.98	63.5	9:43: 0	
2.458	15722.90	63.5	9:43:30	
2.467	15722.90	63.5	9:44: 0	
2.475	15724.47	63.5	9:44:30	
2.483	15722.98	63.5	9:45: 0	
2.492	15722.98	63.5	9:45:30	
2.508	15724.64	63.5	9:46:30	
2.517	15723.07	63.5	9:47: 0	
2.525	15723.15	63.4	9:47:30	
2.533	15723.24	63.4	9:48: 0	
2.542	15723.24	63.4	9:48:30	
2.550	15723.32	63.4	9:49: 0	
2.558	15723.32	63.4	9:49:30	
2.567	15723.41	63.4	9:50: 0	
2.575	15721.84	63.4	9:50:30	

10/ 9/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 7

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M.(BUILD UP PERIOD)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
2.583	15723.49	63.3	9:51: 0	1/ 9/84
2.608	15723.58	63.3	9:52:30	
2.617	15723.58	63.3	9:53: 0	
2.625	15720.52	63.3	9:53:30	
2.633	15723.66	63.3	9:54: 0	
2.642	15722.18	63.3	9:54:30	
2.650	15722.18	63.3	9:55: 0	
2.658	15723.83	63.2	9:55:30	
2.667	15722.26	63.2	9:56: 0	
2.675	15723.91	63.2	9:56:30	
2.683	15723.91	63.2	9:57: 0	
2.692	15722.43	63.2	9:57:30	
2.700	15722.43	63.2	9:58: 0	
2.708	15722.51	63.2	9:58:30	
2.717	15722.51	63.2	9:59: 0	
2.725	15722.60	63.1	9:59:30	
2.742	15724.17	63.1	10: 0:30	
2.750	15722.68	63.1	10: 1: 0	
2.758	15721.11	63.1	10: 1:30	
2.767	15721.20	63.1	10: 2: 0	
2.775	15722.77	63.1	10: 2:30	
2.783	15721.28	63.1	10: 3: 0	
2.792	15722.85	63.1	10: 3:30	
2.800	15722.93	63.1	10: 4: 0	
2.808	15721.36	63.1	10: 4:30	
2.817	15724.59	63.0	10: 5: 0	
2.825	15723.02	63.0	10: 5:30	
2.833	15721.45	63.0	10: 6: 0	
2.842	15724.67	63.0	10: 6:30	
2.850	15724.67	63.0	10: 7: 0	
2.858	15721.53	63.0	10: 7:30	
2.867	15721.62	63.0	10: 8: 0	
2.875	15723.19	63.0	10: 8:30	
2.883	15721.70	63.0	10: 9: 0	
2.892	15721.70	63.0	10: 9:30	
2.900	15723.27	63.0	10:10: 0	
2.908	15723.35	62.9	10:10:30	
2.917	15721.79	62.9	10:11: 0	
2.925	15721.79	62.9	10:11:30	
2.933	15723.44	62.9	10:12: 0	
2.942	15723.44	62.9	10:12:30	
2.950	15721.95	62.9	10:13: 0	
2.958	15721.95	62.9	10:13:30	
2.967	15721.95	62.9	10:14: 0	
2.975	15722.04	62.9	10:14:30	
2.983	15722.04	62.9	10:15: 0	
2.992	15722.04	62.9	10:15:30	
3.000	15722.12	62.8	10:16: 0	
3.008	15722.12	62.8	10:16:30	
3.017	15722.21	62.8	10:17: 0	

10/ 9/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 8

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (BUILD UP PERIOD)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
3.025	15722.21	62.8	10:17:30	1/ 9/84
3.042	15722.21	62.8	10:18:30	
3.050	15723.86	62.8	10:19: 0	
3.058	15722.29	62.8	10:19:30	
3.067	15720.72	62.8	10:20: 0	
3.075	15722.37	62.8	10:20:30	
3.083	15722.37	62.8	10:21: 0	
3.092	15722.37	62.8	10:21:30	
3.100	15722.37	62.8	10:22: 0	
3.108	15722.46	62.7	10:22:30	
3.117	15722.46	62.7	10:23: 0	
3.125	15722.46	62.7	10:23:30	
3.133	15722.46	62.7	10:24: 0	
3.142	15722.54	62.7	10:24:30	
3.150	15722.54	62.7	10:25: 0	
3.158	15722.54	62.7	10:25:30	
3.167	15722.63	62.7	10:26: 0	
3.175	15722.63	62.7	10:26:30	
3.183	15721.06	62.7	10:27: 0	
3.192	15721.06	62.7	10:27:30	
3.200	15721.14	62.7	10:28: 0	
3.208	15722.71	62.7	10:28:30	
3.217	15722.71	62.7	10:29: 0	
3.225	15722.71	62.7	10:29:30	
3.233	15722.79	62.6	10:30: 0	
3.242	15724.36	62.6	10:30:30	
3.258	15721.22	62.6	10:31:30	
3.267	15721.22	62.6	10:32: 0	
3.275	15722.88	62.6	10:32:30	
3.283	15722.88	62.6	10:33: 0	
3.292	15721.31	62.6	10:33:30	
3.300	15721.39	62.6	10:34: 0	
3.308	15721.39	62.6	10:34:30	
3.317	15724.53	62.6	10:35: 0	
3.325	15721.39	62.6	10:35:30	
3.333	15721.48	62.6	10:36: 0	
3.342	15723.05	62.6	10:36:30	
3.350	15723.05	62.6	10:37: 0	
3.358	15719.91	62.6	10:37:30	
3.367	15721.56	62.5	10:38: 0	
3.375	15723.13	62.5	10:38:30	
3.383	15719.99	62.5	10:39: 0	
3.392	15721.64	62.5	10:39:30	
3.400	15723.21	62.5	10:40: 0	
3.408	15721.64	62.5	10:40:30	
3.417	15720.16	62.5	10:41: 0	
3.425	15723.30	62.5	10:41:30	
3.433	15720.16	62.5	10:42: 0	
3.441	15721.77	62.5	10:42:30	
3.450	15713.36	62.5	10:43: 0	

10/ 9/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 9

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (BUILD UP PERIOD)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
3.458	15720.24	62.5	10:43:30	1/ 9/84
3.467	15723.38	62.5	10:44: 0	
3.475	15721.89	62.4	10:44:30	
3.483	15720.32	62.4	10:45: 0	
3.492	15723.46	62.4	10:45:30	
3.500	15721.98	62.4	10:46: 0	
3.508	15721.98	62.4	10:46:30	
3.517	15723.55	62.4	10:47: 0	
3.525	15720.49	62.4	10:47:30	
3.533	15722.06	62.4	10:48: 0	
3.542	15722.06	62.4	10:48:30	
3.550	15722.15	62.4	10:49: 0	
3.558	15722.15	62.4	10:49:30	
3.567	15723.72	62.4	10:50: 0	
3.575	15720.58	62.4	10:50:30	
3.583	15722.23	62.3	10:51: 0	
3.592	15722.23	62.3	10:51:30	
3.600	15720.66	62.3	10:52: 0	
3.608	15720.74	62.3	10:52:30	
3.617	15720.74	62.3	10:53: 0	
3.625	15720.74	62.3	10:53:30	
3.633	15720.83	62.3	10:54: 0	
3.642	15722.40	62.3	10:54:30	
3.650	15720.91	62.3	10:55: 0	
3.658	15722.56	62.3	10:55:30	
3.667	15722.56	62.3	10:56: 0	
3.675	15722.65	62.2	10:56:30	
3.683	15722.73	62.2	10:57: 0	
3.692	15721.25	62.2	10:57:30	
3.700	15721.25	62.2	10:58: 0	
3.708	15721.33	62.2	10:58:30	
3.717	15721.41	62.1	10:59: 0	
3.725	15721.50	62.1	10:59:30	
3.733	15721.50	62.1	11: 0: 0	
3.742	15721.58	62.1	11: 0:30	
3.750	15721.66	62.1	11: 1: 0	
3.758	15721.66	62.1	11: 1:30	
3.767	15721.75	62.0	11: 2: 0	
3.775	15720.18	62.0	11: 2:30	
3.783	15720.26	62.0	11: 3: 0	
3.792	15718.69	62.0	11: 3:30	
3.800	15720.34	62.0	11: 4: 0	
3.808	15721.91	62.0	11: 4:30	
3.817	15718.77	62.0	11: 5: 0	
3.825	15720.43	62.0	11: 5:30	
3.833	15718.86	62.0	11: 6: 0	
3.842	15720.51	61.9	11: 6:30	
3.850	15722.06	61.9	11: 7: 0	
3.858	15720.59	61.9	11: 7:30	
3.867	15719.00	61.9	11: 8: 0	

10/ 9/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 10

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (BUILD UP PERIOD)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
3.875	15720.68	61.9	11: 8:30	1/ 9/84
3.883	15719.11	61.9	11: 9: 0	
3.892	15719.11	61.9	11: 9:30	
3.900	15722.33	61.9	11:10: 0	
3.908	15719.19	61.9	11:10:30	
3.917	15719.27	61.8	11:11: 0	
3.925	15720.84	61.8	11:11:30	
3.933	15720.93	61.8	11:12: 0	
3.942	15722.50	61.8	11:12:30	
3.950	15719.36	61.8	11:13: 0	
3.958	15719.44	61.8	11:13:30	
3.967	15721.01	61.8	11:14: 0	
3.975	15719.52	61.8	11:14:30	
3.983	15721.09	61.8	11:15: 0	
3.992	15719.61	61.7	11:15:30	
4.000	15721.18	61.7	11:16: 0	
4.008	15721.26	61.7	11:16:30	
4.017	15721.26	61.7	11:17: 0	
4.025	15721.34	61.7	11:17:30	
4.033	15719.77	61.7	11:18: 0	
4.042	15721.34	61.7	11:18:30	
4.050	15719.86	61.7	11:19: 0	
4.058	15721.43	61.7	11:19:30	
4.067	15719.94	61.6	11:20: 0	
4.075	15721.51	61.6	11:20:30	
4.083	15720.02	61.6	11:21: 0	
4.092	15721.59	61.6	11:21:30	
4.100	15720.11	61.6	11:22: 0	
4.108	15721.68	61.6	11:22:30	
4.117	15721.76	61.6	11:23: 0	
4.125	15721.76	61.6	11:23:30	
4.133	15721.76	61.6	11:24: 0	
4.142	15720.27	61.5	11:24:30	
4.150	15720.27	61.5	11:25: 0	
4.158	15720.27	61.5	11:25:30	
4.167	15720.36	61.5	11:26: 0	
4.175	15720.36	61.5	11:26:30	
4.183	15720.36	61.5	11:27: 0	
4.192	15720.44	61.5	11:27:30	
4.200	15720.44	61.5	11:28: 0	
4.208	15720.44	61.5	11:28:30	
4.217	15720.52	61.5	11:29: 0	
4.225	15720.52	61.5	11:29:30	
4.233	15720.52	61.5	11:30: 0	
4.242	15720.60	61.5	11:30:30	
4.250	15720.60	61.5	11:31: 0	
4.258	15720.60	61.5	11:31:30	
4.267	15720.60	61.5	11:32: 0	
4.275	15720.60	61.4	11:32:30	
4.283	15720.60	61.4	11:33: 0	

10/ 9/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 11

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (BUILD UP PERIOD)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
4.292	15720.69	61.4	11:33:30	1/ 9/84
4.300	15720.77	61.4	11:34: 0	
4.308	15719.20	61.4	11:34:30	
4.317	15720.77	61.4	11:35: 0	
4.325	15719.28	61.4	11:35:30	
4.333	15720.85	61.4	11:36: 0	
4.342	15720.85	61.4	11:36:30	
4.350	15720.94	61.4	11:37: 0	
4.358	15720.94	61.4	11:37:30	
4.367	15719.37	61.4	11:38: 0	
4.383	15721.02	61.3	11:39: 0	
4.392	15719.45	61.3	11:39:30	
4.400	15719.45	61.3	11:40: 0	
4.408	15719.45	61.3	11:40:30	
4.417	15721.02	61.3	11:41: 0	
4.425	15719.45	61.3	11:41:30	
4.433	15719.53	61.3	11:42: 0	
4.442	15719.53	61.3	11:42:30	
4.450	15719.53	61.3	11:43: 0	
4.458	15719.53	61.3	11:43:30	
4.467	15719.53	61.3	11:44: 0	
4.475	15721.10	61.3	11:44:30	
4.483	15717.96	61.3	11:45: 0	
4.492	15721.10	61.3	11:45:30	
4.500	15719.53	61.3	11:46: 0	
4.508	15719.61	61.3	11:46:30	
4.517	15719.61	61.3	11:47: 0	
4.525	15719.61	61.3	11:47:30	
4.533	15721.19	61.3	11:48: 0	
4.542	15719.61	61.3	11:48:30	
4.550	15721.19	61.3	11:49: 0	
4.558	15719.61	61.3	11:49:30	
4.567	15721.19	61.3	11:50: 0	
4.575	15721.19	61.3	11:50:30	
4.583	15721.27	61.3	11:51: 0	
4.592	15721.27	61.3	11:51:30	
4.600	15721.27	61.3	11:52: 0	
4.608	15721.27	61.3	11:52:30	
4.617	15719.70	61.3	11:53: 0	
4.625	15721.27	61.3	11:53:30	
4.633	15721.27	61.3	11:54: 0	
4.642	15721.27	61.3	11:54:30	
4.650	15721.35	61.2	11:55: 0	
4.658	15721.35	61.2	11:55:30	
4.667	15721.35	61.2	11:56: 0	
4.675	15719.78	61.2	11:56:30	
4.683	15719.78	61.2	11:57: 0	
4.692	15719.78	61.2	11:57:30	
4.700	15719.78	61.2	11:58: 0	
4.708	15719.78	61.2	11:58:30	

10/ 9/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 12

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M.(BUILD UP PERIOD)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
4.717	15721.35	61.2	11:59: 0	1/ 9/84
4.725	15721.43	61.2	11:59:30	
4.733	15721.43	61.2	12: 0: 0	
4.742	15719.86	61.2	12: 0:30	
4.750	15719.86	61.2	12: 1: 0	
4.758	15719.86	61.2	12: 1:30	
4.767	15721.43	61.2	12: 2: 0	
4.775	15721.43	61.2	12: 2:30	
4.783	15721.43	61.2	12: 3: 0	
4.792	15721.43	61.2	12: 3:30	
4.800	15719.95	61.2	12: 4: 0	
4.808	15721.52	61.2	12: 4:30	
4.817	15721.52	61.2	12: 5: 0	
4.825	15721.52	61.2	12: 5:30	
4.833	15721.52	61.2	12: 6: 0	
4.842	15721.52	61.2	12: 6:30	
4.850	15721.52	61.2	12: 7: 0	
4.858	15721.52	61.2	12: 7:30	
4.867	15721.52	61.2	12: 8: 0	
4.875	15721.60	61.2	12: 8:30	
4.883	15721.60	61.2	12: 9: 0	
4.892	15720.03	61.2	12: 9:30	
4.900	15720.03	61.2	12:10: 0	
4.908	15721.60	61.2	12:10:30	
4.917	15721.60	61.2	12:11: 0	
4.925	15721.60	61.2	12:11:30	
4.933	15721.60	61.2	12:12: 0	
4.942	15720.03	61.2	12:12:30	
4.950	15721.68	61.1	12:13: 0	
4.958	15721.68	61.1	12:13:30	
4.967	15720.11	61.1	12:14: 0	
4.975	15721.68	61.1	12:14:30	
4.983	15721.68	61.1	12:15: 0	
4.992	15721.68	61.1	12:15:30	
5.000	15721.68	61.1	12:16: 0	
5.008	15721.68	61.1	12:16:30	
5.017	15721.77	61.1	12:17: 0	
5.025	15721.77	61.1	12:17:30	
5.033	15721.77	61.1	12:18: 0	
5.042	15721.77	61.1	12:18:30	
5.050	15721.77	61.1	12:19: 0	
5.058	15721.77	61.1	12:19:30	
5.067	15720.19	61.1	12:20: 0	
5.075	15721.77	61.1	12:20:30	
5.083	15721.77	61.1	12:21: 0	
5.092	15721.85	61.1	12:21:30	
5.100	15720.28	61.1	12:22: 0	
5.108	15721.85	61.1	12:22:30	
5.117	15721.85	61.1	12:23: 0	
5.125	15721.85	61.1	12:23:30	

10/ 9/84

SPERRY-SUN INTERNATIONAL
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 13

STATOIL
TROLL
31/6-2

NORTH SEA
29 AUGUST 84
NR-MS-40146

D.S.T.1., GAUGE NO. 0063, SENSING DEPTH 1487.15 M. (BUILD UP PERIOD)

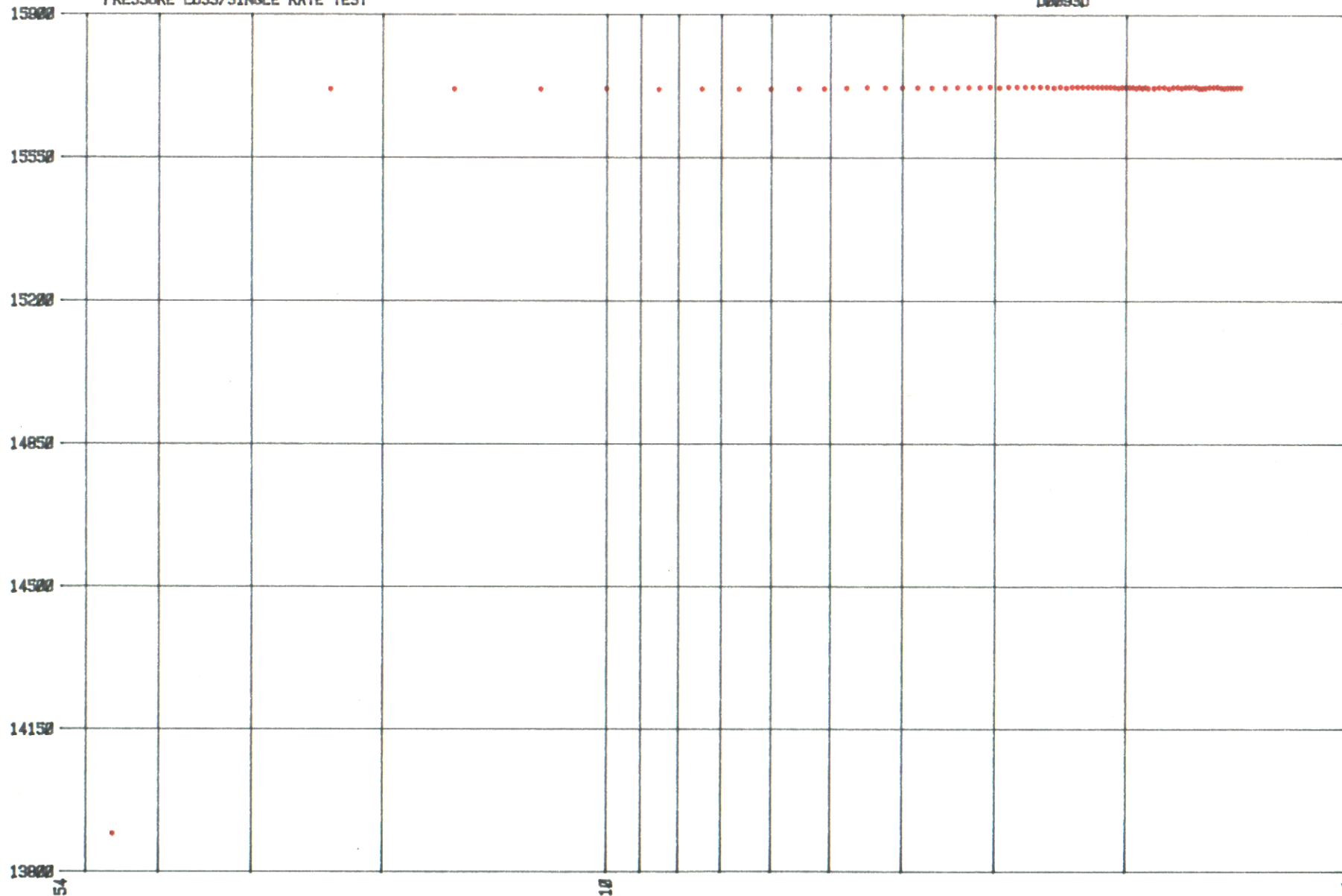
DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
5.133	15721.85	61.1	12:24: 0	1/ 9/84

STATOIL
31/8-2
TROLL

NL Sperry-Sun, Inc. HORNER PLOT

31 AUGUST 1984
NR-MS-48148
1939
D00930

PRESSURE LOSS/SINGLE RATE TEST



T = .75 hours

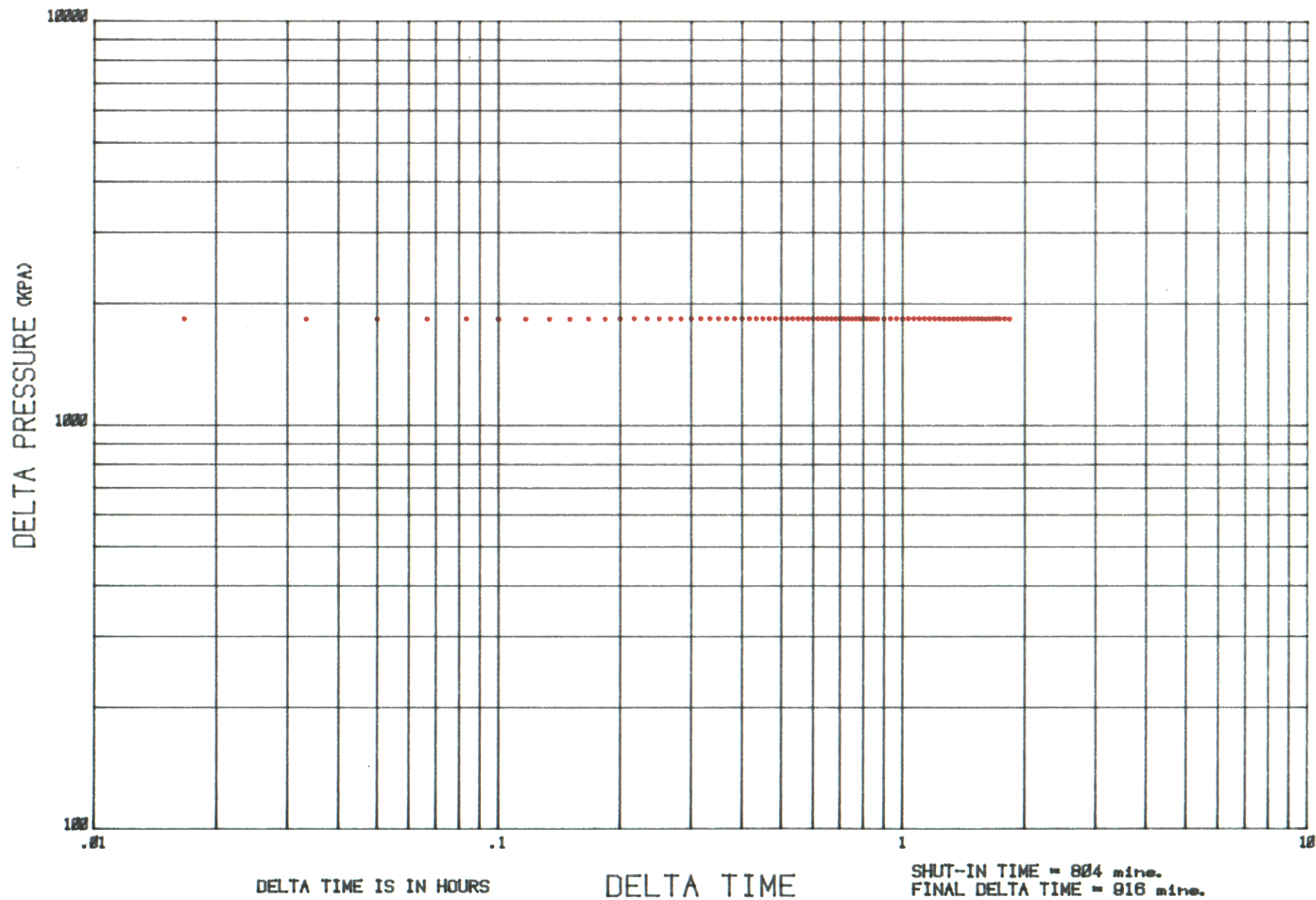
$\frac{T+P_T}{1P+1T}$

SHUT-IN TIME = 804 mins.
FINAL DELTA TIME = 916 mins.

STATOIL
31/8-2
TROLL
PRESSURE LOSS/SINGLE RATE TEST

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

31 AUGUST 1984
NR-MS-40146
1939
D00030



Surface Pressures

MR-6 Probe No.: 210/ 5k
Location: Upstream choke manifold

9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 1

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD. (8th POST GRAVEL FLOW)

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

0.000	2754.5	12.2	8:35
0.083	2147.7	11.1	8:40
0.167	6491.4	10.0	8:45
0.250	10180.1	13.3	8:50
0.333	9456.2	8.9	8:55
0.417	8987.3	10.0	9: 0
0.500	8952.9	10.0	9: 5
0.583	6739.7	9.4	9:10
0.667	6753.4	10.0	9:15
0.750	6774.1	10.0	9:20
0.833	6822.4	10.0	9:25
0.917	6794.8	10.0	9:30
1.000	5340.0	10.0	9:35
1.083	5367.6	10.0	9:40
1.167	5388.3	10.0	9:45
1.250	5409.0	10.0	9:50
1.333	4629.9	9.4	9:55
1.417	4567.8	10.0	10: 0
1.500	4560.9	10.0	10: 5
1.583	4581.6	10.0	10:10
1.667	4581.6	10.0	10:15
1.750	4595.4	10.0	10:20
1.833	4595.4	10.0	10:25
1.917	4616.1	10.0	10:30
2.000	4609.2	10.0	10:35
2.083	4643.6	10.0	10:40
2.167	4643.6	10.0	10:45
2.250	4657.4	10.0	10:50
2.333	4671.2	10.6	10:55
2.417	4685.0	10.6	11: 0
2.500	4685.0	10.6	11: 5
2.583	4691.9	10.6	11:10
2.667	4719.5	10.6	11:15
2.750	4712.6	10.6	11:20
2.833	4726.4	10.6	11:25
2.917	4726.4	10.6	11:30
3.000	4740.2	10.6	11:35
3.083	4747.1	10.6	11:40
3.167	4760.9	10.6	11:45
3.250	4767.8	10.6	11:50
3.333	4788.4	10.6	11:55
3.417	4781.5	10.6	12: 0
3.500	4788.4	10.6	12: 5
3.583	4795.3	10.6	12:10
3.667	4809.1	11.1	12:15
3.750	4809.1	11.1	12:20
3.833	4816.0	11.1	12:25
3.917	4822.9	11.1	12:30
4.000	4829.8	11.1	12:35
4.083	4836.7	11.1	12:40

29/ 8/84 OPEN LPR VALVE @ 8:36
OPEN WELL ON 28/64" ADJ.
ON CH. MAN. @ 8:37
SWITCH FLOW THROUGH HEATER
BYPASS CH. MAN. 128/64" FIXED
VALVE LOW PRESS. SIDE CLOSED
INCR. TO 48/64" ADJ. HEATER
INCREASED TO 64/64" ON HEATER

INCREASED TO 80/64" ON HEATER

INCREASED TO 96/64" ON HEATER

9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 2

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD. (8th POST GRAVEL FLOW)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME
4.167	4850.5	11.1	12:45
4.250	4850.5	11.1	12:50
4.333	4857.4	11.1	12:55
4.417	4850.5	11.1	13: 0
4.500	4871.2	11.1	13: 5
4.583	4864.3	11.1	13:10
4.667	4885.0	11.1	13:15
4.750	4878.1	11.1	13:20
4.833	4878.1	11.7	13:25
4.917	4885.0	11.7	13:30
5.000	4891.9	11.7	13:35
5.083	4891.9	11.7	13:40
5.167	4898.8	11.7	13:45
5.250	4885.0	11.7	13:50
5.333	3092.3	10.6	13:55
5.417	3085.4	10.6	14: 0
5.500	3092.3	10.6	14: 5
5.583	3099.2	10.6	14:10
5.667	3099.2	10.6	14:15
5.750	3106.1	10.6	14:20
5.833	3106.1	10.6	14:25
5.917	3106.1	10.6	14:30
6.000	3106.1	10.6	14:35
6.083	3113.0	10.6	14:40
6.167	3113.0	10.0	14:45
6.250	3106.1	10.0	14:50
6.333	3113.0	10.0	14:55
6.417	3113.0	10.0	15: 0
6.500	3113.0	10.0	15: 5
6.583	3113.0	10.0	15:10
6.667	3113.0	10.0	15:15
6.750	3119.9	10.0	15:20
6.833	3119.9	10.0	15:25
6.917	3126.8	10.0	15:30
7.000	3126.8	10.0	15:35
7.083	3119.9	10.0	15:40
7.167	3126.8	10.0	15:45
7.250	3126.8	9.4	15:50
7.333	3133.7	9.4	15:55
7.417	3126.8	9.4	16: 0
7.500	3133.7	9.4	16: 5
7.583	3133.7	9.4	16:10
7.667	3126.8	9.4	16:15
7.750	3133.7	9.4	16:20
7.833	3140.6	9.4	16:25
7.917	3133.7	9.4	16:30
8.000	3133.7	9.4	16:35
8.083	3140.6	9.4	16:40
8.167	3140.6	9.4	16:45
8.250	3147.5	9.4	16:50

29/ 8/84

BYPASS HEATER. FLOW THROUGH
2" ON CHOKE MAN.

9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 3

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD.(8th POST GRAVEL FLOW)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME
8.333	3147.5	9.4	16:55
8.417	3147.5	9.4	17: 0
8.500	3140.6	9.4	17: 5
8.583	3140.6	9.4	17:10
8.667	3147.5	9.4	17:15
8.750	3154.4	9.4	17:20
8.833	3154.4	9.4	17:25
8.917	3154.4	9.4	17:30
9.000	3154.4	9.4	17:35
9.167	3154.4	9.4	17:45
9.250	3168.2	9.4	17:50
9.333	3168.2	9.4	17:55
9.417	3168.2	9.4	18: 0
9.500	3168.2	9.4	18: 5
9.583	3168.2	9.4	18:10
9.667	3161.3	9.4	18:15
9.750	3161.3	9.4	18:20
9.833	3161.3	9.4	18:25
9.917	3168.2	9.4	18:30
10.000	3168.2	9.4	18:35
10.083	3168.2	9.4	18:40
10.167	3168.2	9.4	18:45
10.250	3188.9	9.4	18:50
10.333	3188.9	9.4	18:55
10.417	5091.8	10.6	19: 0
10.500	5091.8	10.6	19: 5
10.583	5257.3	11.1	19:10
10.667	5271.1	11.1	19:15
10.750	5091.8	11.1	19:20
10.833	5091.8	11.1	19:25
10.917	4995.3	11.1	19:30
11.000	3650.8	10.6	19:35
11.083	3650.8	10.6	19:40
11.167	3182.0	10.0	19:45
11.250	3188.9	10.0	19:50
11.333	3188.9	10.0	19:55
11.417	3195.7	10.0	20: 0
11.500	3202.6	10.0	20: 5
11.583	3188.9	10.0	20:10
11.667	3195.7	10.0	20:15
11.750	3188.9	10.0	20:20
11.833	3195.7	10.0	20:25
11.917	3195.7	10.0	20:30
12.000	3195.7	10.0	20:35
12.083	3195.7	10.0	20:40
12.167	3202.6	10.0	20:45
12.250	3202.6	10.0	20:50
12.333	3195.7	10.0	20:55
12.417	3202.6	10.0	21: 0
12.500	3195.7	10.0	21: 5

SWITCH FLOW THROUGH 96/64"
ON HEATERBYPASS HEATER. FLOW THROUGH
2" FIXED ON CH. MAN.

9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 4

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD. (8th POST GRAVEL FLOW)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
12.583	3195.7	10.0	21:10	29/ 8/84
12.667	3188.9	10.0	21:15	
12.750	3195.7	10.0	21:20	
12.833	3195.7	10.0	21:25	
12.917	3182.0	10.0	21:30	
13.000	3188.9	10.0	21:35	
13.083	3195.7	10.0	21:40	
13.167	3195.7	9.4	21:45	
13.250	3195.7	9.4	21:50	
13.333	3195.7	9.4	21:55	
13.417	3202.6	9.4	22: 0	
13.500	3195.7	9.4	22: 5	
13.583	3195.7	9.4	22:10	
13.667	3202.6	9.4	22:15	
13.750	3202.6	9.4	22:20	
13.833	3195.7	9.4	22:25	
13.917	3202.6	9.4	22:30	
14.000	3202.6	9.4	22:35	
14.083	3216.4	9.4	22:40	
14.167	3202.6	9.4	22:45	
14.250	3209.5	9.4	22:50	
14.333	3216.4	9.4	22:55	
14.417	3209.5	9.4	23: 0	
14.500	3209.5	9.4	23: 5	
14.583	3216.4	9.4	23:10	
14.667	3209.5	9.4	23:15	
14.750	3216.4	9.4	23:20	
14.833	3223.3	9.4	23:25	
14.917	3216.4	9.4	23:30	
15.000	3216.4	9.4	23:35	
15.083	3216.4	9.4	23:40	
15.167	3216.4	9.4	23:45	
15.250	3216.4	9.4	23:50	
15.333	3216.4	9.4	23:55	
15.417	3216.4	9.4	0: 0	30/ 8/84
15.500	3216.4	9.4	0: 5	
15.583	3216.4	9.4	0:10	
15.667	3216.4	9.4	0:15	
15.917	3223.3	9.4	0:30	
16.017	3216.4	9.4	0:36	
16.100	3223.3	9.4	0:41	
16.183	3230.2	9.4	0:46	
16.267	3223.3	9.4	0:51	
16.350	3230.2	9.4	0:56	
16.433	3230.2	9.4	1: 1	
16.517	3230.2	9.4	1: 6	
16.600	3230.2	9.4	1:11	
16.683	3237.1	9.4	1:16	
16.933	3223.3	9.4	1:31	
17.017	3223.3	9.4	1:36	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 5

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD. (8th POST GRAVEL FLOW)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME
17.100	3230.2	9.4	1:41
17.183	3237.1	9.4	1:46
17.267	3230.2	9.4	1:51
17.500	3237.1	9.4	2: 5
17.583	3237.1	9.4	2:10
17.667	3237.1	9.4	2:15
17.750	3237.1	9.4	2:20
18.000	3237.1	9.4	2:35
18.083	3237.1	9.4	2:40
18.167	3237.1	9.4	2:45
18.250	3237.1	9.4	2:50
18.333	3237.1	9.4	2:55
18.417	3237.1	9.4	3: 0
18.500	3237.1	9.4	3: 5
18.583	3244.0	9.4	3:10
18.667	3237.1	9.4	3:15
18.750	3237.1	9.4	3:20
18.833	3244.0	9.4	3:25
18.917	3244.0	9.4	3:30
19.000	3244.0	9.4	3:35
19.083	3244.0	9.4	3:40
19.167	3244.0	9.4	3:45
19.250	3257.8	9.4	3:50
19.333	3244.0	9.4	3:55
19.417	3244.0	9.4	4: 0
19.500	4988.4	11.1	4: 5
19.583	5236.6	10.6	4:10
19.667	5202.1	10.6	4:15
19.750	5195.2	10.6	4:20
19.833	5195.2	10.6	4:25
19.917	5188.3	10.6	4:30
20.000	5195.2	10.6	4:35
20.083	5195.2	10.6	4:40
20.167	5188.3	11.1	4:45
20.250	5202.1	11.1	4:50
20.333	5202.1	11.1	4:55
20.417	5202.1	11.1	5: 0
20.500	5202.1	11.1	5: 5
20.583	5202.1	11.1	5:10
20.667	5202.1	11.1	5:15
20.750	5202.1	11.1	5:20
20.833	5195.2	11.7	5:25
20.917	5195.2	11.7	5:30
21.000	5181.4	11.7	5:35
21.083	5202.1	11.7	5:40
21.167	5195.2	11.7	5:45
21.250	5195.2	11.7	5:50
21.333	5195.2	11.7	5:55
21.417	5202.1	11.7	6: 0
21.500	5167.6	11.7	6: 5

SWITCH TO 96/64" ON HEATER
FLOW THROUGH SEP.

9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 6

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD.(8th POST GRAVEL FLOW)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME
21.583	5181.4	11.7	6:10
21.667	644.7	11.7	6:15
21.750	5188.3	11.7	6:20
21.833	5188.3	11.7	6:25
21.917	5195.2	11.7	6:30
22.000	5181.4	11.7	6:35
22.083	5195.2	11.7	6:40
22.167	5181.4	11.7	6:45
22.250	5188.3	11.7	6:50
22.333	5181.4	11.7	6:55
22.417	5181.4	11.7	7: 0
22.500	5181.4	11.7	7: 5
22.583	5188.3	11.7	7:10
22.667	5181.4	11.7	7:15
22.750	5188.3	11.7	7:20
22.833	5188.3	11.1	7:25
23.417	5181.4	11.1	8: 0
23.500	5195.2	11.1	8: 5
23.583	5188.3	11.1	8:10
23.667	5181.4	11.1	8:15
24.333	5188.3	10.6	8:55
24.500	5202.1	10.6	9: 5
24.583	5195.2	11.1	9:10
24.667	5195.2	11.1	9:15
24.750	5195.2	11.1	9:20
24.833	5202.1	11.1	9:25
24.917	5188.3	11.1	9:30
25.000	5202.1	11.1	9:35
25.083	5209.0	11.1	9:40
25.167	5195.2	11.1	9:45
25.250	5202.1	11.1	9:50
25.333	5202.1	11.1	9:55
25.417	5195.2	11.1	10: 0
25.500	5202.1	11.1	10: 5
25.583	5195.2	11.1	10:10
25.667	5202.1	11.1	10:15
25.750	5195.2	11.1	10:20
25.833	5202.1	11.1	10:25
25.917	5202.1	11.1	10:30
26.000	5209.0	11.1	10:35
26.083	5202.1	11.1	10:40
26.167	5202.1	11.1	10:45
26.250	5209.0	11.1	10:50
26.333	5202.1	11.1	10:55
26.417	5209.0	11.1	11: 0
26.500	5209.0	11.1	11: 5
26.583	5209.0	11.1	11:10
26.667	5209.0	11.1	11:15
26.750	5215.9	11.1	11:20
26.833	5215.9	11.1	11:25

30/ 8/84

9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 7

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD. (8th POST GRAVEL FLOW)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
26.917	5209.0	11.1	11:30	30/ 8/84
27.000	5209.0	11.7	11:35	
27.083	5209.0	11.7	11:40	
27.167	5215.9	11.7	11:45	
27.250	5215.9	11.7	11:50	
27.333	5222.8	11.7	11:55	
27.417	5209.0	11.7	12: 0	
27.500	5229.7	11.7	12: 5	
27.583	5222.8	11.7	12:10	
27.667	5229.7	11.7	12:15	
27.750	5215.9	11.7	12:20	
27.833	5222.8	11.7	12:25	
27.917	5222.8	11.7	12:30	
28.000	5215.9	11.7	12:35	
28.083	5209.0	11.7	12:40	
28.167	5209.0	11.7	12:45	
28.250	5222.8	11.7	12:50	
28.333	5215.9	11.7	12:55	
28.417	5215.9	11.7	13: 0	
28.500	5229.7	11.7	13: 5	
28.583	5215.9	11.7	13:10	
28.667	5222.8	11.7	13:15	
28.750	5222.8	11.7	13:20	
28.833	5229.7	11.7	13:25	
28.917	5229.7	11.7	13:30	
29.000	5222.8	11.7	13:35	
29.083	5222.8	11.7	13:40	
29.167	5229.7	11.7	13:45	
29.250	5229.7	11.7	13:50	
29.333	5229.7	11.7	13:55	
29.583	5236.6	11.7	14:10	
29.667	5229.7	11.7	14:15	
29.750	5236.6	11.7	14:20	
29.833	5222.8	11.7	14:25	
29.917	5229.7	11.7	14:30	
30.000	5229.7	11.7	14:35	
30.083	5229.7	11.7	14:40	
30.167	5229.7	11.7	14:45	
30.250	5257.3	11.7	14:50	
30.333	5236.6	11.7	14:55	
30.417	5243.5	11.7	15: 0	
30.500	5236.6	11.7	15: 5	
30.583	5250.4	11.7	15:10	
30.667	5236.6	11.7	15:15	
30.750	5236.6	11.7	15:20	
30.833	5250.4	11.7	15:25	
30.917	5250.4	11.7	15:30	

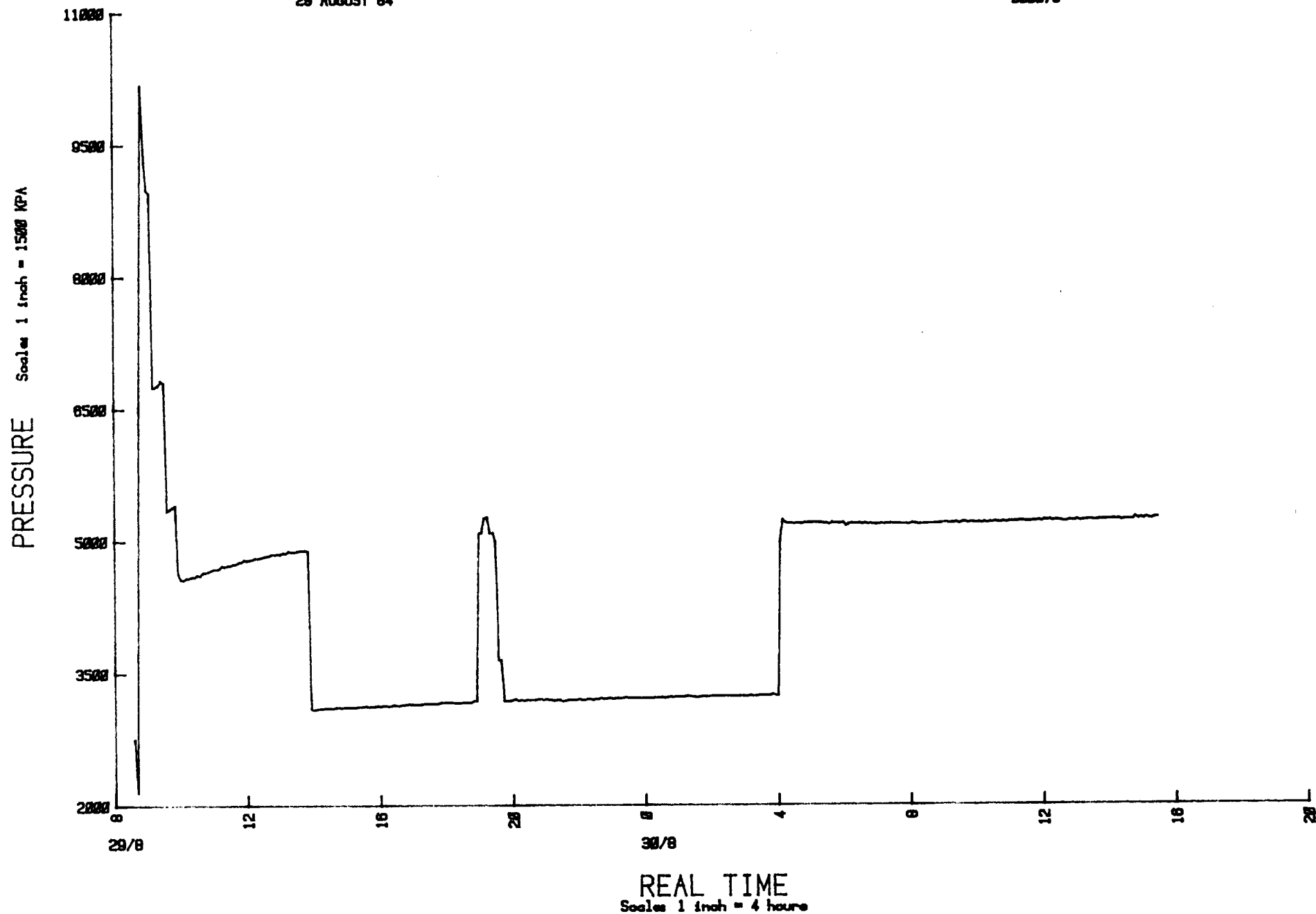
BYPASS SEP.

WELL SHUT IN AT LPR

STATOIL
31/8-2
TROLL
29 AUGUST 84

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

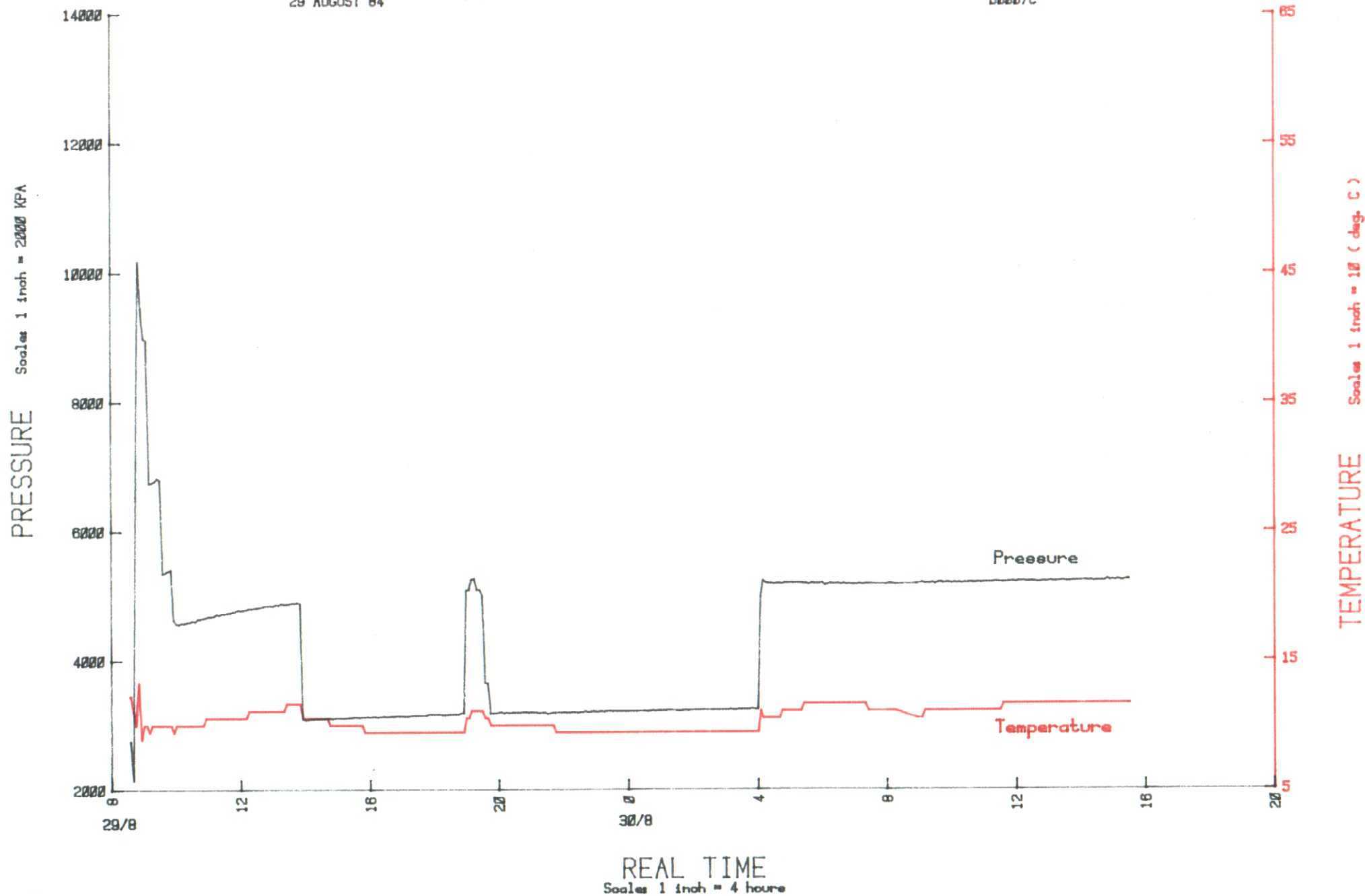
MR-SIX SURFACE PRESSURE
8th CLEAN UP FLOW
UPSTREAM CHOKE MANIFOLD
D8887C



STATOIL
31/6-2
TROLL
29 AUGUST 84

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

MR-SIX SURFACE PRESSURE
8th CLEAN UP FLOW
UPSTREAM CHOKE MANIFOLD
D0007C



9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 1

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1; MR-SIX PROBE NO. 210; UPSTREAM CHOKE MANIFOLD. (9th POST GRAVEL FLOW)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
0.000	4333.4	13.9	18: 0	30/ 8/84
0.167	4581.6	13.9	18:10	
0.250	4678.1	13.9	18:15	
0.333	4802.2	13.9	18:20	OPEN LPR VALVE
0.417	2265.0	11.1	18:25	OPEN CH. MAN., 32/64" HEATER
0.500	6022.6	12.2	18:30	
0.583	9311.4	12.8	18:35	
0.667	10352.5	12.2	18:40	
0.750	10752.4	11.7	18:45	INCREASED TO 48/64" ON HEATER
0.833	9745.8	10.0	18:50	
0.917	9311.4	11.1	18:55	
1.000	7580.8	10.0	19: 0	
1.083	7098.2	11.7	19: 5	
1.167	7077.5	11.7	19:10	
1.250	7084.4	11.7	19:15	
1.333	7098.2	11.7	19:20	INCREASED TO 64/64" ON HEATER
1.417	5622.7	11.1	19:25	
1.500	5643.4	11.7	19:30	
1.583	5657.2	11.7	19:35	
1.667	5671.0	11.7	19:40	
1.750	5684.8	11.7	19:45	INCREASED TO 96/64" ON HEATER
1.833	4843.6	11.1	19:50	
1.917	4836.7	11.1	19:55	
2.000	4850.5	11.1	20: 0	
2.083	4850.5	11.1	20: 5	
2.167	4864.3	10.6	20:10	
2.250	4864.3	11.1	20:15	
2.333	4871.2	10.6	20:20	
2.417	4885.0	10.6	20:25	
2.500	4871.2	10.6	20:30	
2.583	4871.2	10.6	20:35	
2.667	4871.2	10.6	20:40	
2.750	4871.2	10.6	20:45	
2.833	4891.9	10.6	20:50	
2.917	4871.2	10.6	20:55	
3.000	4885.0	10.6	21: 0	
3.083	4891.9	10.6	21: 5	
3.167	4891.9	10.6	21:10	
3.250	4905.6	10.6	21:15	
3.333	4898.8	10.6	21:20	
3.417	4912.5	10.6	21:25	
3.500	4919.4	10.6	21:30	
3.583	4926.3	10.6	21:35	
3.667	4919.4	10.6	21:40	
3.750	4912.5	10.6	21:45	
3.833	4919.4	10.6	21:50	
3.917	4926.3	10.6	21:55	
4.000	4926.3	10.6	22: 0	
4.083	4926.3	10.6	22: 5	
4.167	4912.5	10.6	22:10	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 2

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1; MR-SIX PROBE NO. 210; UPSTREAM CHOKE MANIFOLD.(9th POST GRAVEL FLOW)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
4.250	4926.3	10.6	22:15	30/ 8/84
4.333	4919.4	10.6	22:20	
4.417	4919.4	10.6	22:25	
4.500	4912.5	10.6	22:30	
4.583	4905.6	10.6	22:35	
4.667	4905.6	10.6	22:40	
4.750	4891.9	10.6	22:45	
4.833	4891.9	10.6	22:50	
4.917	4878.1	10.6	22:55	
5.000	4885.0	10.6	23: 0	
5.083	4885.0	10.6	23: 5	
5.167	4871.2	10.6	23:10	
5.250	4878.1	10.6	23:15	
5.333	4898.8	10.6	23:20	
5.417	4905.6	10.6	23:25	
5.500	4912.5	10.6	23:30	
5.583	4926.3	10.6	23:35	
5.667	4933.2	10.6	23:40	
5.750	4953.9	10.6	23:45	
5.833	4967.7	10.6	23:50	
5.917	4988.4	10.6	23:55	
6.000	5002.2	10.6	0: 0	31/ 8/84
6.083	5022.9	10.6	0: 5	
6.167	5036.6	10.6	0:10	
6.250	5050.4	10.6	0:15	
6.333	5057.3	10.6	0:20	
6.417	5064.2	10.6	0:25	
6.500	5078.0	10.6	0:30	
6.583	5071.1	10.6	0:35	
6.667	5091.8	10.6	0:40	
6.750	5098.7	10.6	0:45	
6.833	5091.8	10.6	0:50	
6.917	5098.7	11.1	0:55	
7.000	5098.7	11.1	1: 0	
7.083	5112.5	11.1	1: 5	
7.167	5105.6	11.1	1:10	
7.250	5098.7	11.1	1:15	
7.333	5098.7	11.1	1:20	
7.417	5091.8	11.1	1:25	
7.500	5091.8	11.1	1:30	
7.583	5098.7	11.1	1:35	
7.667	5091.8	11.1	1:40	
7.750	5091.8	11.1	1:45	
7.833	5091.8	11.1	1:50	
7.917	5112.5	11.1	1:55	
8.000	5112.5	11.1	2: 0	
8.083	5105.6	11.1	2: 5	
8.167	5105.6	11.1	2:10	
8.250	5112.5	11.1	2:15	
8.333	5098.7	11.1	2:20	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 3

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD. (9th POST GRAVEL FLOW)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME
8.417	5105.6	11.1	2:25
8.500	5112.5	11.1	2:30
8.583	5112.5	11.1	2:35
8.667	5119.4	11.1	2:40
8.750	5098.7	11.1	2:45
8.833	5112.5	11.1	2:50
8.917	5126.3	11.1	2:55
9.000	5126.3	11.1	3: 0
9.083	5126.3	11.1	3: 5
9.167	5126.3	11.7	3:10
9.250	5126.3	11.7	3:15
9.333	5133.2	11.1	3:20
9.417	5133.2	11.1	3:25
9.500	5140.1	11.1	3:30
9.583	5133.2	11.1	3:35
9.667	5133.2	11.7	3:40
9.750	5140.1	11.1	3:45
9.833	5133.2	11.7	3:50
9.917	5153.9	11.1	3:55
10.000	5147.0	11.1	4: 0
10.083	5140.1	11.1	4: 5
10.167	5140.1	11.1	4:10
10.250	5153.9	11.1	4:15
10.333	5153.9	11.1	4:20
10.417	5153.9	11.7	4:25
10.500	5147.0	11.1	4:30
10.583	5153.9	11.7	4:35
10.667	5147.0	11.1	4:40
10.750	5153.9	11.7	4:45
10.833	5160.8	11.1	4:50
10.917	5140.1	11.7	4:55
11.000	5147.0	11.7	5: 0
11.083	5147.0	11.7	5: 5
11.167	5160.8	11.7	5:10
11.250	5160.8	11.7	5:15
11.333	5167.6	11.7	5:20
11.417	5160.8	11.7	5:25
11.500	5167.6	11.7	5:30
11.583	5167.6	11.7	5:35
11.667	5167.6	11.7	5:40
11.750	5167.6	11.7	5:45
11.833	5167.6	11.7	5:50
11.917	5174.5	11.7	5:55
12.000	5167.6	11.7	6: 0
12.083	5174.5	11.7	6: 5
12.167	5181.4	11.7	6:10
12.250	5181.4	11.7	6:15
12.333	12855.3	22.2	6:20
12.417	13937.8	26.1	6:25
12.500	13924.0	19.4	6:30

CLOSED CHOKE MAN. DUE
TO LEAK IN VALVE

9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 4

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD. (9th POST GRAVEL FLOW)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
12.583	13930.9	16.7	6:35	31/ 8/84
12.667	13924.0	15.6	6:40	
12.750	13917.1	15.6	6:45	
12.833	13917.1	15.0	6:50	
12.917	13910.2	14.4	6:55	
13.000	13910.2	13.9	7: 0	
13.083	13903.3	13.9	7: 5	
13.167	13896.4	13.3	7:10	
13.250	13903.3	13.3	7:15	
13.333	13903.3	13.3	7:20	
13.417	13903.3	13.3	7:25	
13.500	13896.4	13.3	7:30	
13.583	13903.3	12.8	7:35	
13.667	13896.4	12.8	7:40	
13.750	13896.4	12.8	7:45	
13.833	13896.4	12.8	7:50	
13.917	13896.4	12.8	7:55	
14.000	13889.5	12.8	8: 0	

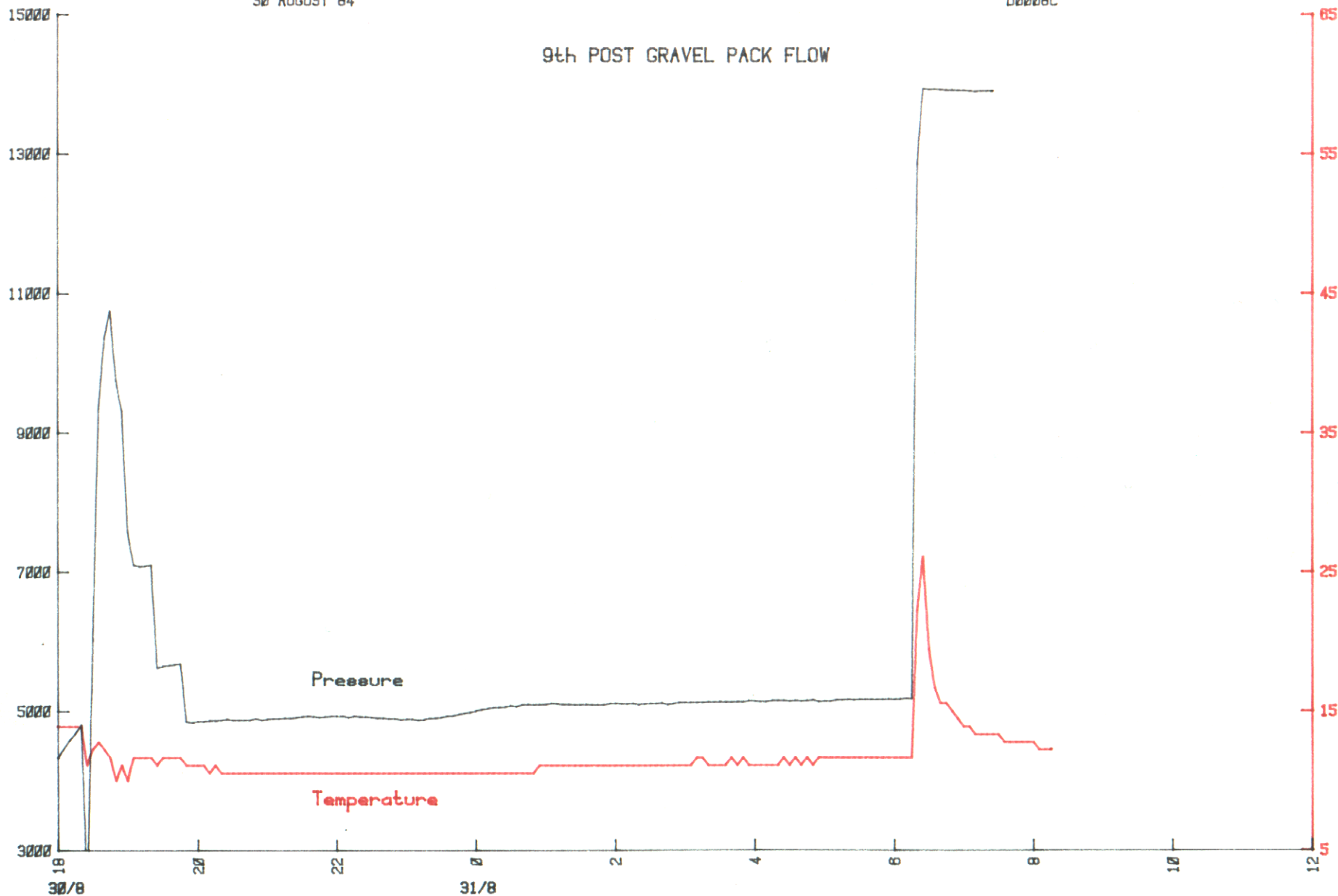
STATOIL
31/6-2
TROLL
30 AUGUST 84

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

MR-SIX SURFACE PRESSURE
9th AND 10th CLEAN UP FLOW
UPSTREAM CHOKE MANIFOLD
D0008C

9th POST GRAVEL PACK FLOW

PRESSURE Scales 1 inch = 2000 KPA



TEMPERATURE Scales 1 inch = 10 (deg. C)

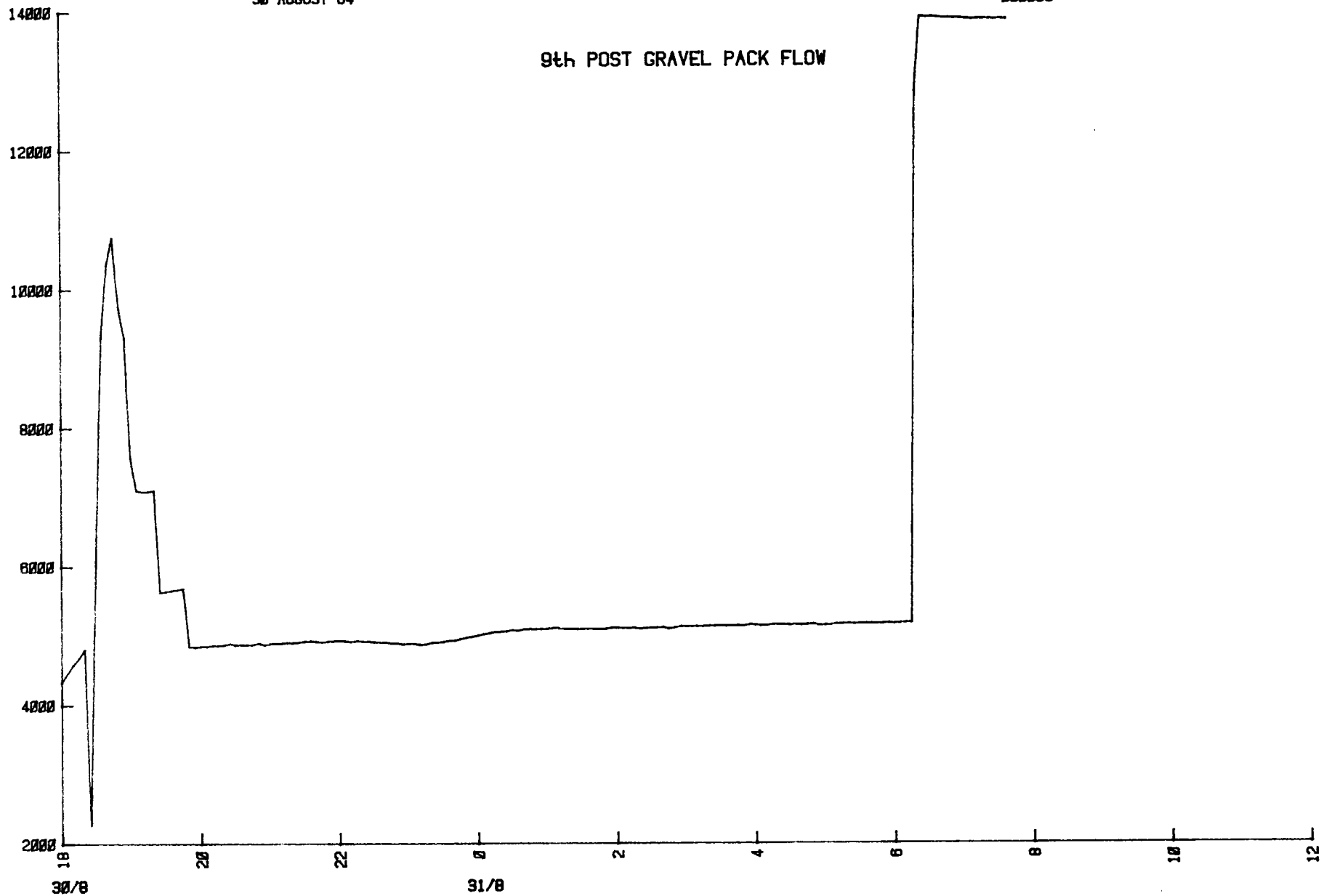
REAL TIME
Scales 1 inch = 2 hours

STATOIL
31/8-2
TROLL
30 AUGUST 84

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

MR-SIX SURFACE PRESSURE
9th AND 10th CLEAN UP FLOW
UPSTREAM CHOKE MANIFOLD
D0000C

PRESSURE Scales 1 inch = 2000 KPA



9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 1

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD.(10th POST GRAVEL FLOW)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
0.000	13889.5	12.8	8: 0	31/ 8/84
0.083	13896.4	12.2	8: 5	
0.167	13896.4	12.2	8:10	
0.250	13896.4	12.2	8:15	
0.333	13896.4	12.2	8:20	
0.417	13889.5	12.2	8:25	
0.500	13889.5	12.2	8:30	
0.583	13889.5	12.2	8:35	
0.667	13889.5	12.2	8:40	
0.750	13889.5	12.2	8:45	
0.833	13889.5	12.2	8:50	
0.917	13889.5	12.2	8:55	
1.000	13889.5	11.7	9: 0	
1.083	13882.6	11.7	9: 5	
1.167	13882.6	11.7	9:10	
1.250	13889.5	11.7	9:15	
1.333	13882.6	11.7	9:20	
1.417	13889.5	11.7	9:25	
1.500	13889.5	11.7	9:30	
1.583	13889.5	11.7	9:35	
1.667	13882.6	11.7	9:40	
1.750	13882.6	11.7	9:45	
1.833	13882.6	11.7	9:50	
1.917	13889.5	11.7	9:55	
2.000	13882.6	11.7	10: 0	
2.083	13889.5	11.7	10: 5	
2.167	13889.5	11.7	10:10	
2.500	13882.6	11.7	10:30	
3.000	13875.7	11.7	11: 0	
3.333	13882.6	11.7	11:20	
3.417	13875.7	12.2	11:25	
3.500	12765.7	10.6	11:30	
3.583	12758.8	11.1	11:35	
3.750	10635.2	8.9	11:45	
3.833	9628.6	10.6	11:50	
3.917	7822.1	10.6	11:55	
4.000	5326.2	10.6	12: 0	
4.083	5319.3	10.6	12: 5	
4.167	5319.3	10.6	12:10	
4.250	5305.5	10.6	12:15	
4.333	5305.5	10.6	12:20	
4.417	5298.6	11.1	12:25	
4.500	5305.5	11.1	12:30	
4.583	5319.3	11.1	12:35	
4.667	5312.4	11.1	12:40	
4.750	5305.5	11.1	12:45	
4.833	5305.5	11.1	12:50	
4.917	5298.6	11.1	12:55	
5.000	5291.8	11.1	13: 0	
5.083	5298.6	11.7	13: 5	

OPEN CH. TO 32/64" ON HEATER

INCREASED TO 48/64" ON HEATER
INCREASED TO 64/64" ON HEATER
INCREASED TO 96/64" ON HEATER

9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 2

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD. (10th POST GRAVEL FLOW)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME
5.167	5305.5	11.7	13:10
5.250	5298.6	11.7	13:15
5.417	5298.6	11.7	13:25
5.583	5305.5	11.7	13:35
5.750	5305.5	11.7	13:45
5.917	5298.6	11.7	13:55
6.000	5291.8	11.7	14: 0
6.167	5291.8	12.2	14:10
6.250	5305.5	12.2	14:15
6.333	5312.4	12.2	14:20
6.417	5298.6	12.2	14:25
6.500	5319.3	12.2	14:30
6.583	5291.8	12.2	14:35
6.667	5257.3	12.2	14:40
6.750	5264.2	12.2	14:45
6.833	5257.3	12.2	14:50
6.917	5264.2	12.2	14:55
7.000	5271.1	12.2	15: 0
7.083	5271.1	12.2	15: 5
7.167	5291.8	12.2	15:10
7.250	5284.9	12.2	15:15
7.333	5278.0	12.2	15:20
7.417	5278.0	12.2	15:25
7.500	5271.1	12.2	15:30
7.583	5284.9	12.2	15:35
7.667	5278.0	12.2	15:40
7.750	5278.0	12.2	15:45
7.833	5278.0	12.2	15:50
8.000	5284.9	12.2	16: 0
8.167	5284.9	12.2	16:10
8.250	5291.8	12.2	16:15
8.333	5278.0	12.2	16:20
8.500	5284.9	12.2	16:30
8.583	5291.8	12.2	16:35
8.667	5278.0	12.2	16:40
8.750	5291.8	12.2	16:45
8.833	5291.8	12.2	16:50
8.917	5284.9	12.2	16:55
9.000	5305.5	12.2	17: 0
9.083	5284.9	12.2	17: 5
9.167	5284.9	12.2	17:10
9.250	5298.6	12.2	17:15
9.333	5298.6	12.2	17:20
9.417	13965.4	37.8	17:25

31/ 8/84

FLOW THROUGH SEP.

BYPASS SEP.
CLOSE CHOKE MAN.

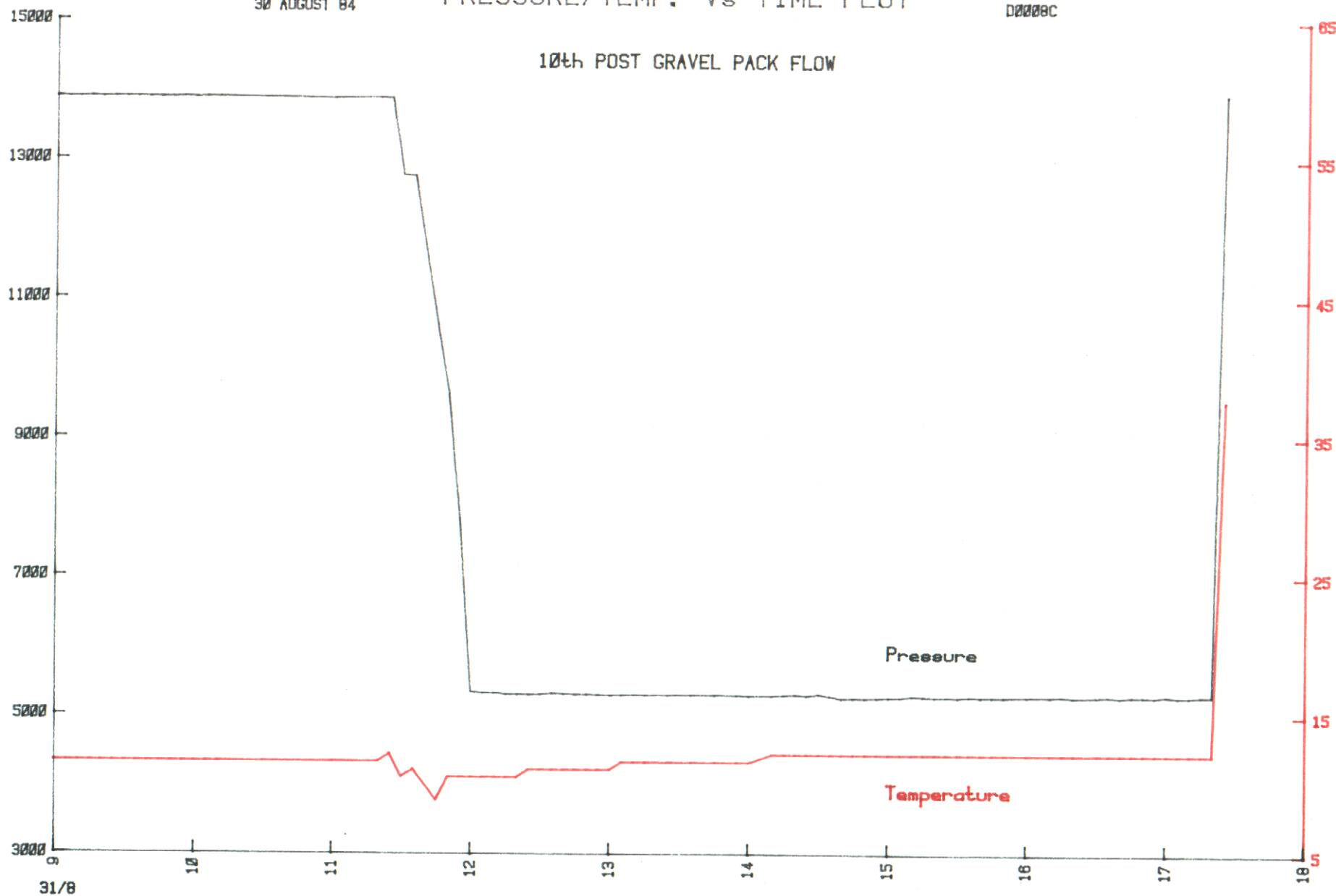
STATOIL
31/6-2
TROLL
30 AUGUST 84

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

MR-SIX SURFACE PRESSURE
9th AND 10th CLEAN UP FLOW
UPSTREAM CHOKE MANIFOLD
D0000C

10th POST GRAVEL PACK FLOW

PRESSURE Scales 1 inch = 2000 KPA



REAL TIME
Scales 1 inch = 1 hour

TEMPERATURE Scales 1 inch = 10 (deg. C)

9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 1

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
0.000	13724.0	11.7	22:35	31/ 8/84 OPEN WELL ON 32/64" ON HEATER
0.083	12221.0	10.6	22:40	
0.167	11945.2	10.6	22:45	INCREASED TO 48/64" ON HEATER
0.250	9849.2	10.6	22:50	
0.333	9814.7	10.6	22:55	INCREASED TO 64/64" ON HEATER
0.417	7615.3	10.6	23: 0	INCREASED TO 96/64" ON HEATER
0.500	5078.0	10.0	23: 5	
0.583	5112.5	10.6	23:10	
0.667	5133.2	10.6	23:15	
0.750	5147.0	10.6	23:20	
0.833	5153.9	10.6	23:25	
0.917	5167.6	10.6	23:30	
1.000	5181.4	10.6	23:35	
1.083	5181.4	11.1	23:40	
1.167	5188.3	11.1	23:45	
1.250	5188.3	11.1	23:50	
1.333	5202.1	11.1	23:55	
1.417	5188.3	11.1	0: 0	1/ 9/84
1.500	5202.1	11.1	0: 5	
1.583	5222.8	11.1	0:10	
1.667	5202.1	11.1	0:15	
1.750	5195.2	11.1	0:20	
1.833	5202.1	11.1	0:25	
1.917	5209.0	11.1	0:30	
2.000	5202.1	11.1	0:35	
2.083	5209.0	11.1	0:40	
2.167	5202.1	11.1	0:45	
2.250	5209.0	11.7	0:50	
2.333	5215.9	11.7	0:55	
2.417	5209.0	11.7	1: 0	
2.500	5215.9	11.7	1: 5	
2.583	5215.9	11.7	1:10	
2.667	5222.8	11.7	1:15	
2.750	5222.8	11.7	1:20	
2.833	5222.8	11.7	1:25	
2.917	5229.7	11.7	1:30	
3.000	5236.6	11.7	1:35	
3.083	5229.7	11.7	1:40	
3.167	5215.9	11.7	1:45	
3.250	5209.0	11.7	1:50	FLOW THROUGH SEP.
3.333	5195.2	11.7	1:55	
3.417	5209.0	11.7	2: 0	
3.500	5209.0	11.7	2: 5	
3.583	5209.0	11.7	2:10	
3.667	5202.1	11.7	2:15	
3.750	5209.0	11.7	2:20	
3.833	5215.9	11.7	2:25	
3.917	5229.7	11.7	2:30	
4.000	5215.9	11.7	2:35	
4.083	5222.8	11.7	2:40	

9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 2

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

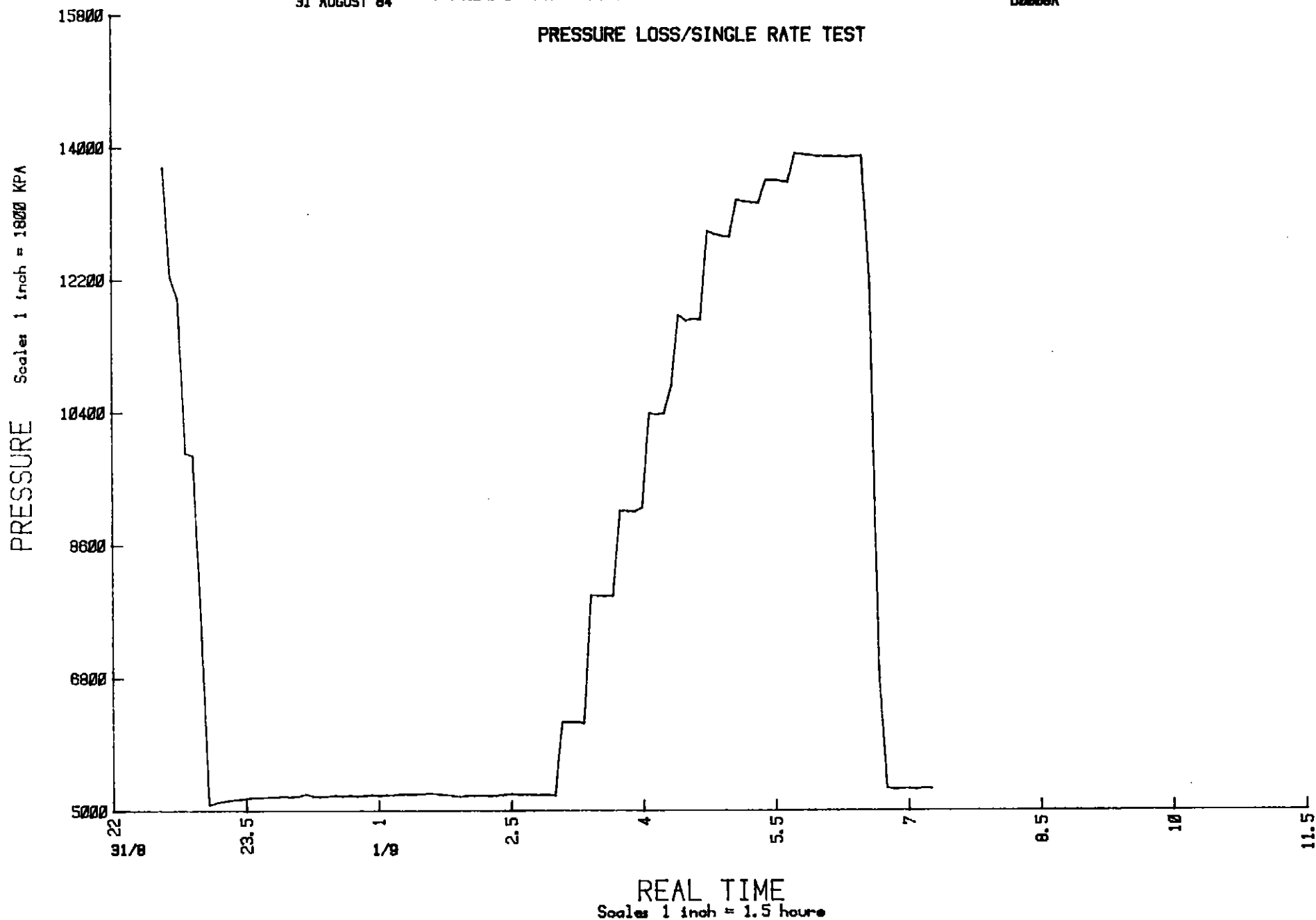
D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD. (PRESSURE LOSS TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME	
4.167	5215.9	11.7	2:45	1/ 9/84
4.250	5215.9	12.2	2:50	
4.333	5215.9	12.2	2:55	
4.417	5209.0	12.2	3: 0	
4.500	6201.9	12.2	3: 5	REDUCED TO 80/64" ON HEATER
4.583	6201.9	12.2	3:10	
4.667	6208.8	12.2	3:15	
4.750	6188.1	12.2	3:20	
4.833	7918.7	12.8	3:25	REDUCED TO 64/64" ON HEATER
4.917	7911.8	12.8	3:30	
5.000	7911.8	12.8	3:35	
5.083	7911.8	12.8	3:40	
5.167	9070.1	12.8	3:45	REDUCED TO 56/64" ON HEATER
5.250	9063.2	12.8	3:50	
5.333	9056.3	12.8	3:55	
5.417	9111.4	13.3	4: 0	
5.500	10387.0	13.3	4: 5	REDUCED TO 48/64" ON HEATER
5.583	10373.2	13.3	4:10	
5.667	10387.0	13.3	4:15	
5.750	10752.4	13.3	4:20	REDUCED TO 40/64" ON HEATER
5.833	11717.7	13.3	4:25	
5.917	11641.8	13.3	4:30	
6.000	11669.4	12.8	4:35	
6.083	11655.6	12.8	4:40	
6.167	12862.2	12.8	4:45	REDUCED TO 32/64" ON HEATER
6.250	12820.8	12.8	4:50	
6.333	12793.2	12.8	4:55	
6.417	12786.4	12.8	5: 0	
6.500	13282.8	12.8	5: 5	REDUCED TO 28/64" ON HEATER
6.583	13262.1	12.8	5:10	
6.667	13248.3	12.2	5:15	
6.750	13241.4	12.2	5:20	
6.833	13544.8	12.2	5:25	REDUCED TO 24/64" ON HEATER
6.917	13551.7	12.2	5:30	
7.000	13537.9	12.2	5:35	
7.083	13524.1	12.2	5:40	
7.167	13917.1	12.8	5:45	END OF FLOW

STATOIL
31/8-2
TROLL
31 AUGUST 84

NL Sperry-Sun, Inc.
PRESSURE/TEMPERATURE VS TIME PLOT
PRESSURE LOSS/SINGLE RATE TEST

MR-SIX SURFACE PRESSURE
11th CLEAN UP FLOW/FALL OFF TEST
UPSTREAM OF CHOKE MANIFOLD
00000A



9/ 7/84

SPERRY-SUN INTERNATIONAL
MR-SIX PRESSURE GAUGE REPORT

PAGE: 1

STATOIL
TROLL
31/6-2NORTH SEA
29 AUGUST 84
NR-XS-40147

D.S.T. 1, MR-SIX PROBE NO. 210, UPSTREAM CHOKE MANIFOLD. (SINGLE RATE TEST)

DELTA TIME HOURS	ABS PRESSURE (KPA)	TEMP. DEG C	TIME
0.000	13917.1	12.8	5:45
0.083	13903.3	12.8	5:50
0.167	13889.5	12.2	5:55
0.250	13875.7	12.2	6: 0
0.333	13875.7	12.2	6: 5
0.417	13868.8	12.2	6:10
0.500	13868.8	12.2	6:15
0.583	13861.9	12.2	6:20
0.667	13875.7	12.2	6:25
0.750	13882.6	12.2	6:30
0.833	12221.0	11.1	6:35
0.917	6946.5	8.9	6:40
1.000	5298.6	10.6	6:45
1.083	5284.9	11.1	6:50
1.167	5291.8	11.1	6:55
1.250	5291.8	11.1	7: 0
1.333	5284.9	11.1	7: 5
1.417	5298.6	11.7	7:10
1.500	5291.8	11.7	7:15

1/ 9/84 WELL SHUT IN AT CHOKE MAN.

OPEN WELL, FLOW THROUGH
HEATER ON 32/64"96/64" ON HEATER
FLOW THROUGH SEP.

CLOSE LPR & CHOKE MAN.

STATOIL
31/6-2
TROLL
31 AUGUST 84

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

MR-SIX SURFACE PRESSURE
11th CLEAN UP FLOW/FALL OFF TEST
UPSTREAM OF CHOKE MANIFOLD
D0009A

