



PRESSURE TEST DATA SUMMARY

COMPANY: ELF AQUITAINE NORGE A/S DATE: 16 February 1983
 FIELD: WILDCAT WELL NO: 1/3 - 3 JOB NO: NR-MS-30008 (B)
 TEST TYPE: DST TEST NO: DST NO. 1A RUN NO: 2 MAX B.H.T. c. 330 °F
 PERFORATION INTERVAL: 4,528.3 - 4,533.3 / 4,535.8 - 4,540.3 M (RKB) ZONE: LOWER JURASSIC

	TOP	MIDDLE	BOTTOM
GAUGE TYPE/NO.	<u>MRPG MK III NO. 2109</u>		
PRESSURE SENSING DEPTH	<u>4,484.11 M (RKB)</u>		
ELEMENT SIZE	<u>10,000-PSI</u>		
TIME MODE	<u>4 MIN.</u>		
BATTERY TYPE	<u>SILVER OXIDE</u>		

EVENT	SURFACE TIMES & DATES		TEMP. °F
START GAUGE	06:10	14.02.83	N/A
GAUGE IN STRING	06:27		
OPEN LPR VALVE	10:08	15.02.83	
OPEN CHOKE MANIFOLD, 24/64" ADJ.	10:10		
CLOSE LPR	10:12		
CLOSE CHOKE MANIFOLD	10:14		
OPEN LPR + CHOKE MANIFOLD	10:15		
CLOSE LPR	10:17		
CLOSE CHOKE	10:19		
OPEN KILL VALVE	11:19		
PRESSURE UP STRING TO 2,000 PSI	11:24		
CLOSE KILL VALVE	11:25		
BLEED OFF PRESSURE TO SAMPLE TANK	11:26		
OPEN LPR	11:28		
CLOSE LPR, START REVERSE CIRCULATING	13:55		
GAUGE OUT OF STRING	04:40	16.02.83	

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 NOCS 1/3-3 W41.4
 DIS ID: 139558

NOTE

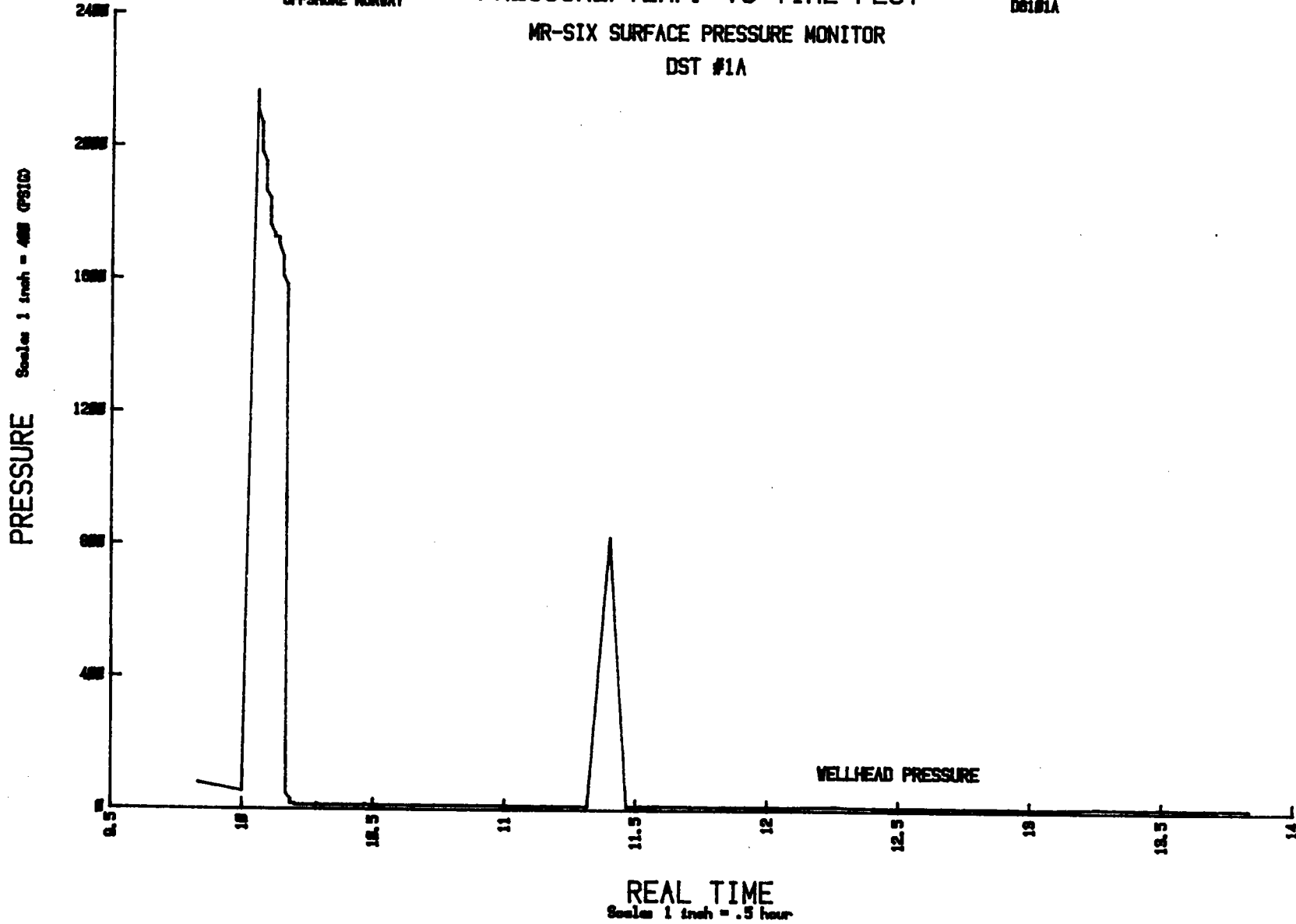
- 1) MRPG STOPPED AT 01:28, 15.01.83 DUE TO BATTERY FAILURE.
- 2) LPR DID NOT OPERATE, NO TEST WAS OBTAINED.
- 3) NO PRESSURE RECORDED DOWNSTREAM OF CHOKE OR AT SEPERATOR.

M.R.P.G. PRESSURES ARE RELATIVE TO GAUGE CLOCK TIMES.
 S.P.G. PRESSURES ARE RELATIVE TO TIME GRADIENT CALCULATED FROM SURFACE TIMES.

ELF AQUITAINE NORGE A/S
1/8-9
WILDCAT
OFFSHORE NORWAY

NL Sperry-Sun, Inc.
PRESSURE/TEMP. Vs TIME PLOT
MR-SIX SURFACE PRESSURE MONITOR
DST #1A

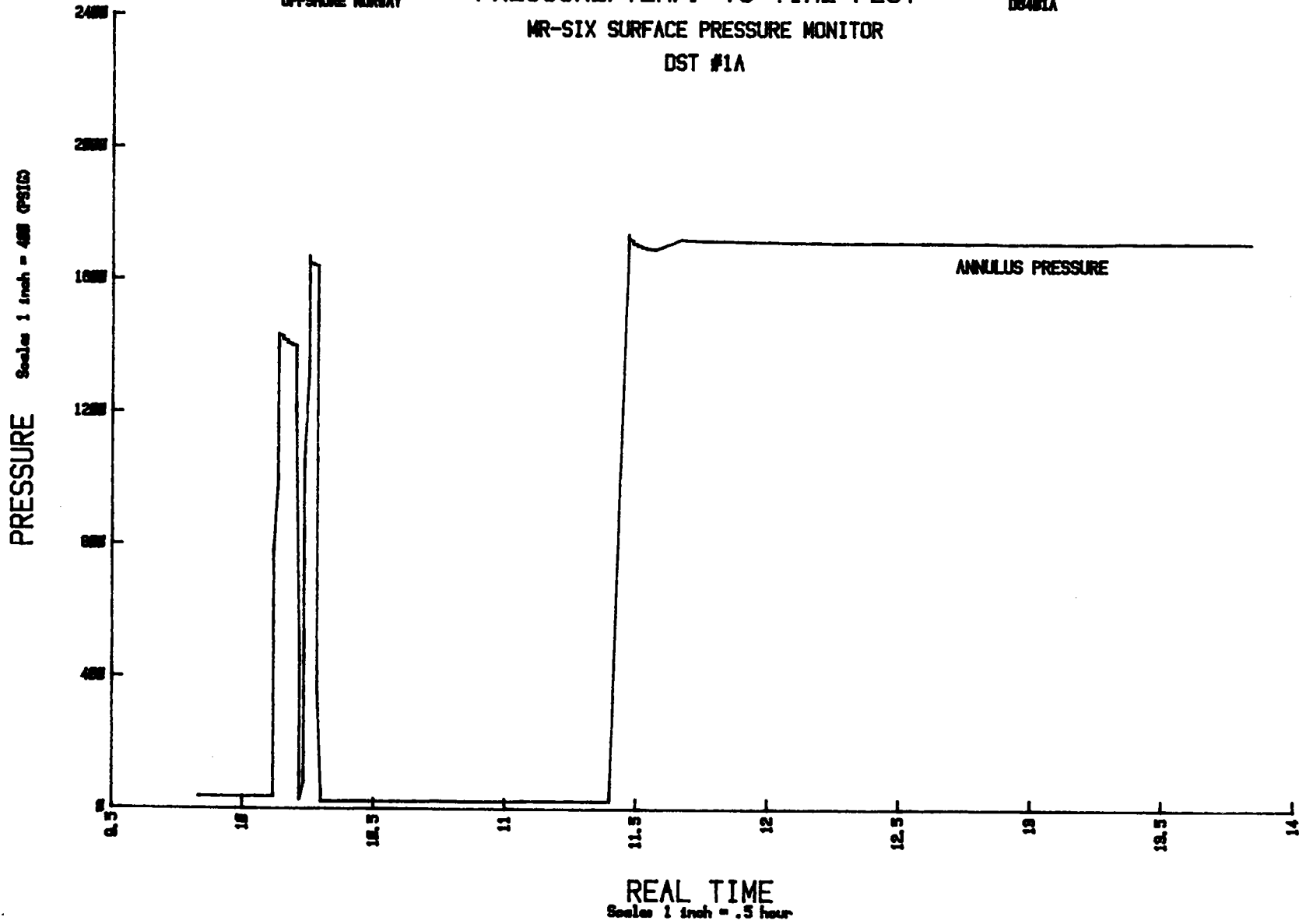
15 FEBRUARY 1983
MR-SIX-32222 (D)
MR-SIX #212183
D0101A



ELF AQUITAINE NORGE A/S
1/8-8
WILDCAT
OFFSHORE NORWAY

NL Sperry-Sun, Inc.
PRESSURE/TEMP. V_s TIME PLOT
MR-SIX SURFACE PRESSURE MONITOR
DST #1A

15 FEBRUARY 1983
NR-XS-30000 (B)
211584
D6481A



HEWLETT
PACKARD



3/ 4/83

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 1

ELF AQUITAINE NORGE A/S

OFFSHORE NORWAY
15 FEBRUARY 1983
NR-XS-30009(B)

1/3-3

DST NO.1A, MR-SIX SURFACE PRESSURE MONITOR, UPSTREAM CHOKE MANIFOLD.

DELTA TIME HOURS	GAUGE PRESSURE (PSI)	TEMP. DEG F	TIME	
0.000	237.	44.5	9: 0	15/ 2/83 START OF DATA
0.167	5921.	47.6	9:10	
0.333	38.	46.2	9:20	
0.500	4461.	45.4	9:30	
0.667	4848.	45.1	9:40	
0.833	78.	46.1	9:50	
1.000	54.	47.4	10: 0	
1.054	2166.	46.7	10: 3	PRESSURE UP TUBING.
1.058	2130.	46.1	10: 3	
1.062	2106.	46.2	10: 3	
1.067	2069.	46.5	10: 4	
1.071	2043.	45.9	10: 4	
1.075	2011.	46.1	10: 4	
1.079	1984.	45.9	10: 4	
1.083	1953.	46.0	10: 5	
1.092	1865.	46.2	10: 5	
1.100	1843.	46.1	10: 6	
1.104	1817.	46.2	10: 6	
1.108	1789.	46.2	10: 6	
1.113	1763.	46.1	10: 6	
1.117	1738.	46.0	10: 7	
1.121	1737.	46.0	10: 7	
1.125	1733.	46.1	10: 7	
1.129	1727.	46.1	10: 7	
1.133	1726.	46.1	10: 8	TRY TO OPEN LPR.
1.137	1721.	46.1	10: 8	
1.142	1721.	46.4	10: 8	
1.146	1708.	46.3	10: 8	
1.150	1669.	46.4	10: 9	
1.154	1660.	46.2	10: 9	
1.158	1628.	46.2	10: 9	
1.163	1610.	46.6	10: 9	
1.167	1585.	46.5	10:10	OPEN CHOKE MANIFOLD.
1.171	943.	46.3	10:10	
1.175	196.	46.4	10:10	
1.179	48.	45.0	10:10	
1.183	30.	45.3	10:11	
1.187	23.	45.5	10:11	
1.192	20.	45.9	10:11	
1.196	17.	46.4	10:11	
1.200	16.	46.7	10:12	CLOSE LPR.
1.204	15.	46.2	10:12	
1.208	14.	46.4	10:12	
1.212	13.	46.4	10:12	
1.217	13.	46.3	10:13	
1.221	13.	46.5	10:13	
1.225	13.	46.2	10:13	
1.229	13.	46.8	10:13	
1.233	13.	46.4	10:14	CLOSE CHOKE MANIFOLD.
1.238	12.	46.4	10:14	

3/ 4/83

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 2

ELF AQUITAINE NORGE A/S

OFFSHORE NORWAY
15 FEBRUARY 1983
NR-XS-30009(B)

1/3-3

DST NO.1A, MR-SIX SURFACE PRESSURE MONITOR, UPSTREAM CHOKE MANIFOLD.

DELTA TIME HOURS	GAUGE PRESSURE (PSI)	TEMP. DEG F	TIME	
1.242	13.	46.6	10:14	15/ 2/83
1.246	12.	46.5	10:14	
1.250	12.	46.6	10:15	
1.254	13.	46.7	10:15	TRY TO OPEN LPR.
1.258	12.	46.3	10:15	OPEN CHOKE MANIFOLD.
1.262	13.	46.0	10:15	
1.267	13.	46.2	10:16	
1.271	12.	46.4	10:16	
1.275	12.	46.3	10:16	
1.279	12.	47.2	10:16	
1.283	11.	47.0	10:17	CLOSE LPR.
1.288	13.	46.2	10:17	
1.292	12.	46.5	10:17	
1.296	16.	46.9	10:17	
1.300	12.	46.0	10:18	
1.304	12.	46.3	10:18	
1.308	11.	46.5	10:18	
1.312	11.	46.4	10:18	
1.317	12.	46.3	10:19	CLOSE CHOKE MANIFOLD.
1.321	13.	46.4	10:19	
1.325	12.	46.1	10:19	
1.329	13.	46.1	10:19	
1.333	12.	46.1	10:20	
1.337	12.	46.2	10:20	
1.342	12.	46.1	10:20	
1.346	12.	46.3	10:20	
1.350	13.	46.2	10:21	
1.354	12.	46.3	10:21	
1.358	12.	46.3	10:21	
1.363	13.	46.3	10:21	
1.367	13.	46.3	10:22	
1.371	12.	46.9	10:22	
1.375	12.	46.2	10:22	
1.379	12.	46.3	10:22	
1.383	12.	46.7	10:23	
1.387	12.	46.6	10:23	
1.392	12.	46.5	10:23	
1.396	12.	46.6	10:23	
1.400	12.	46.7	10:24	
1.404	12.	46.7	10:24	
1.408	12.	47.1	10:24	
1.413	12.	46.5	10:24	
1.417	12.	46.7	10:25	
1.421	12.	46.7	10:25	
1.425	12.	46.7	10:25	
1.429	12.	46.5	10:25	
1.433	12.	46.9	10:26	
1.437	12.	47.1	10:26	
1.442	12.	47.0	10:26	
1.446	11.	46.9	10:26	

3/ 4/83

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 3

ELF AQUITAINE NORGE A/S

OFFSHORE NORWAY
15 FEBRUARY 1983
NR-XS-30009(B)

1/3-3

DST NO.1A, MR-SIX SURFACE PRESSURE MONITOR, UPSTREAM CHOKE MANIFOLD.

DELTA TIME HOURS	GAUGE PRESSURE (PSI)	TEMP. DEG F	TIME	
1.450	12.	47.0	10:27	15/ 2/83
1.454	12.	46.6	10:27	
1.458	12.	46.8	10:27	
1.462	13.	46.3	10:27	
1.467	12.	46.5	10:28	
1.471	12.	46.6	10:28	
1.475	12.	46.7	10:28	
1.479	16.	46.4	10:28	
1.483	12.	46.3	10:29	
1.567	12.	46.3	10:34	
1.650	12.	46.2	10:39	
1.733	12.	46.4	10:44	
1.817	12.	46.2	10:49	
1.900	12.	46.1	10:54	
1.983	12.	46.3	10:59	
2.067	11.	46.5	11: 4	
2.150	11.	46.8	11: 9	
2.233	11.	46.8	11:14	
2.317	11.	47.0	11:19	
2.400	825.	47.2	11:24	
2.471	9.	47.0	11:28	
2.475	9.	47.0	11:28	
2.479	10.	47.2	11:28	
2.483	10.	47.2	11:29	
2.488	10.	47.2	11:29	
2.492	10.	47.0	11:29	
2.496	10.	47.0	11:29	
2.500	10.	47.0	11:30	
2.504	10.	47.1	11:30	
2.508	10.	46.9	11:30	
2.512	11.	47.0	11:30	
2.517	11.	46.7	11:31	
2.521	11.	47.0	11:31	
2.525	12.	47.0	11:31	
2.529	12.	47.4	11:31	
2.533	11.	47.0	11:32	
2.538	11.	46.8	11:32	
2.542	11.	46.7	11:32	
2.546	11.	46.9	11:32	
2.550	11.	46.9	11:33	
2.554	11.	46.8	11:33	
2.558	12.	46.9	11:33	
2.562	12.	46.9	11:33	
2.567	11.	46.8	11:34	
2.571	12.	46.9	11:34	
2.575	12.	46.8	11:34	
2.579	12.	46.8	11:34	
2.667	12.	47.4	11:40	
2.750	11.	47.5	11:45	
2.833	11.	47.9	11:50	

PRESSURE UP STRING.
BLEED OFF PRESSURE.
OPEN LPR.

3/ 4/83

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 4

ELF AQUITAINE NORGE A/S

OFFSHORE NORWAY
15 FEBRUARY 1983
NR-XS-30009(B)

1/3-3

DST NO.1A, MR-SIX SURFACE PRESSURE MONITOR, UPSTREAM CHOKE MANIFOLD.

DELTA TIME HOURS	GAUGE PRESSURE (PSI)	TEMP. DEG F	TIME	
2.917	11.	47.0	11:55	15/ 2/83
3.000	11.	47.2	12: 0	
3.083	10.	47.1	12: 5	
3.167	12.	46.8	12:10	
3.250	14.	47.1	12:15	
3.333	11.	47.2	12:20	
3.417	10.	47.3	12:25	
3.500	11.	47.3	12:30	
3.583	11.	47.0	12:35	
3.667	11.	47.5	12:40	
3.750	10.	47.6	12:45	
3.833	10.	48.0	12:50	
3.917	10.	50.3	12:55	
4.000	8.	52.2	13: 0	
4.167	10.	47.1	13:10	
4.250	12.	47.6	13:15	
4.417	10.	47.0	13:25	
4.500	12.	47.0	13:30	
4.583	10.	52.6	13:35	
4.667	10.	49.0	13:40	
4.750	11.	47.1	13:45	
4.833	10.	47.0	13:50	

CLOSE LPR, ABANDON TEST.

3/ 4/83

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 1

ELF AQUITAINE NORGE A/S

OFFSHORE NORWAY
15 FEBRUARY 1983
NR-XS-30009(B)

1/3-3

DST NO.1A; MR-SIX SURFACE PRESSURE MONITOR; ANNULUS PRESSURE.

DELTA TIME HOURS	GAUGE PRESSURE (PSI)	TEMP. DEG F	TIME	
0.000	36.		9: 0	15/ 2/83 START OF DATA.
0.167	36.		9:10	
0.333	36.		9:20	
0.500	36.		9:30	
0.667	38.		9:40	
0.833	36.		9:50	
1.000	36.		10: 0	
1.054	37.		10: 3	PRESSURE UP TUBING.
1.058	36.		10: 3	
1.062	36.		10: 3	
1.067	36.		10: 4	
1.071	36.		10: 4	
1.075	37.		10: 4	
1.079	36.		10: 4	
1.083	36.		10: 5	
1.092	36.		10: 5	
1.100	36.		10: 6	
1.104	36.		10: 6	
1.108	36.		10: 6	
1.113	36.		10: 6	
1.117	36.		10: 7	
1.121	36.		10: 7	
1.125	561.		10: 7	
1.129	775.		10: 7	
1.133	995.		10: 8	TRY TO OPEN LPR.
1.137	1154.		10: 8	
1.142	1394.		10: 8	
1.146	1434.		10: 8	
1.150	1429.		10: 9	
1.154	1425.		10: 9	
1.158	1421.		10: 9	
1.163	1418.		10: 9	
1.167	1416.		10:10	OPEN CHOKE MANIFOLD.
1.171	1415.		10:10	
1.175	1410.		10:10	
1.179	1408.		10:10	
1.183	1406.		10:11	
1.187	1404.		10:11	
1.192	1402.		10:11	
1.196	1401.		10:11	
1.200	1400.		10:12	CLOSE LPR.
1.204	1399.		10:12	
1.208	1398.		10:12	
1.212	1217.		10:12	
1.217	459.		10:13	
1.221	108.		10:13	
1.225	33.		10:13	
1.229	28.		10:13	
1.233	79.		10:14	CLOSE CHOKE MANIFOLD.
1.238	458.		10:14	

3/ 4/83

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 2

ELF AQUITAINE NORGE A/S

OFFSHORE NORWAY

1/3-3

15 FEBRUARY 1983

NR-XS-30009(B)

DST NO.1A; MR-SIX SURFACE PRESSURE MONITOR; ANNULUS PRESSURE.

DELTA TIME HOURS	GAUGE PRESSURE (PSI)	TEMP. DEG F	TIME	
1.242	747.		10:14	15/ 2/83
1.246	1035.		10:14	
1.250	1324.		10:15	
1.254	1601.		10:15	TRY TO OPEN LPR. OPEN CHOKE MANIFOLD.
1.258	1670.		10:15	
1.262	1647.		10:15	
1.267	1647.		10:16	
1.271	1646.		10:16	
1.275	1644.		10:16	
1.279	1643.		10:16	
1.283	1641.		10:17	CLOSE LPR.
1.288	1640.		10:17	
1.292	1533.		10:17	
1.296	383.		10:17	
1.300	45.		10:18	
1.304	21.		10:18	
1.308	21.		10:18	
1.312	21.		10:18	
1.317	21.		10:19	CLOSE CHOKE.
1.321	22.		10:19	
1.325	22.		10:19	
1.329	22.		10:19	
1.333	21.		10:20	
1.337	22.		10:20	
1.342	23.		10:20	
1.346	21.		10:20	
1.350	21.		10:21	
1.354	21.		10:21	
1.358	22.		10:21	
1.363	22.		10:21	
1.367	22.		10:22	
1.371	22.		10:22	
1.375	22.		10:22	
1.379	22.		10:22	
1.383	22.		10:23	
1.387	22.		10:23	
1.392	22.		10:23	
1.396	22.		10:23	
1.400	22.		10:24	
1.404	22.		10:24	
1.408	22.		10:24	
1.413	22.		10:24	
1.417	22.		10:25	
1.421	22.		10:25	
1.425	23.		10:25	
1.429	22.		10:25	
1.433	23.		10:26	
1.437	22.		10:26	
1.442	22.		10:26	
1.446	22.		10:26	

3/ 4/83

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 3

ELF AQUITAINE NORGE A/S

OFFSHORE NORWAY
15 FEBRUARY 1983
NR-XS-30009(B)

1/3-3

DST NO.1A; MR-SIX SURFACE PRESSURE MONITOR; ANNULUS PRESSURE.

DELTA TIME HOURS	GAUGE PRESSURE (PSI)	TEMP. DEG F	TIME
1.450	23.		10:27
1.454	23.		10:27
1.458	22.		10:27
1.462	22.		10:27
1.467	22.		10:28
1.471	22.		10:28
1.475	22.		10:28
1.479	23.		10:28
1.483	22.		10:29
1.567	22.		10:34
1.650	22.		10:39
1.733	23.		10:44
1.817	22.		10:49
1.900	22.		10:54
1.983	22.		10:59
2.067	23.		11: 4
2.150	23.		11: 9
2.233	23.		11:14
2.317	23.		11:19
2.400	23.		11:24
2.471	1702.		11:28
2.475	1738.		11:28
2.479	1726.		11:28
2.483	1721.		11:29
2.488	1717.		11:29
2.492	1714.		11:29
2.496	1712.		11:29
2.500	1710.		11:30
2.504	1708.		11:30
2.508	1706.		11:30
2.512	1705.		11:30
2.517	1704.		11:31
2.521	1702.		11:31
2.525	1701.		11:31
2.529	1700.		11:31
2.533	1699.		11:32
2.538	1698.		11:32
2.542	1697.		11:32
2.546	1696.		11:32
2.550	1696.		11:33
2.554	1695.		11:33
2.558	1695.		11:33
2.562	1694.		11:33
2.567	1694.		11:34
2.571	1693.		11:34
2.575	1692.		11:34
2.579	1692.		11:34
2.667	1723.		11:40
2.750	1720.		11:45
2.833	1719.		11:50

PRESSURE UP STRING.
BLEED OFF PRESSURE.
OPEN LPR.

3/ 4/83

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE: 4

ELF AQUITAINE NORGE A/S

OFFSHORE NORWAY
15 FEBRUARY 1983
NR-XS-30009(B)

1/3-3

DST NO.1A, MR-SIX SURFACE PRESSURE MONITOR, ANNULUS PRESSURE.

DELTA TIME HOURS	GAUGE PRESSURE (PSI)	TEMP. DEG F	TIME
2.917	1717.		11:55 15/ 2/83
3.000	1717.		12: 0
3.083	1715.		12: 5
3.167	1715.		12:10
3.250	1714.		12:15
3.333	1714.		12:20
3.417	1714.		12:25
3.500	1714.		12:30
3.583	1714.		12:35
3.667	1714.		12:40
3.750	1713.		12:45
3.833	1714.		12:50
3.917	1712.		12:55
4.000	1713.		13: 0
4.167	1712.		13:10
4.250	1712.		13:15
4.417	1713.		13:25
4.500	1714.		13:30
4.583	1714.		13:35
4.667	1714.		13:40
4.750	1714.		13:45
4.833	1714.		13:50

CLOSE LPR, ABANDON TEST.