



## PRESSURE TEST DATA SUMMARY

COMPANY: ESSO EXPLORATION NORWAY DATE: 1 DECEMBER 1981

FIELD: SLEIPNER WELL NO: 15/8-1 JOB NO: MRPG-1045-NOR

TEST TYPE: DRILL STEM TEST NO: 1 C RUN NO: 1 MAX B.H.T. 283 °F

PERFORATION INTERVAL: 4079 - 4085 Metres ZONE: LOWER SLEIPNER

	TOP	MIDDLE	BOTTOM
GAUGE TYPE/NO.	<u>MRPG 0017</u>		<u>MRPG 0105</u>
PRESSURE SENSING DEPTH	<u>4032.17 Metres</u>		<u>4035.14 Metres</u>
ELEMENT SIZE	<u>13000 PSI</u>		<u>12000 PSI</u>
TIME MODE	<u>4 MINUTE</u>		<u>4 MINUTE</u>
BATTERY TYPE	<u>SILVER OXIDE</u>		<u>SILVER OXIDE</u>

EVENT	SURFACE TIMES & DATES		TEMP. °F
Packer set	17:58	2/12-81	273
Open APR-N Tool	18:28	"	273
Well opened on 18/64" Adj. choke	18:31	"	273
Close APR-N Tool	18:38	"	273
Open APR-N Tool	19:56	"	274
Well opened on 20/64" Adj. choke	20:01	"	274
Change to 24/64" Adj. choke	20:04	"	273
Change to 20/64" Adj. choke	20:12	"	273
Gas to surface	20:30	"	276
Well opened on 30/64" Adj.choke	20:39	"	277
Change to 40/64" Adj. choke	21:01	"	275
Change to 44/64" Adj. choke	21:15	"	273
Change to 48/64" Adj. choke	21:25	"	274
Flow through heater	21:35	"	273
Change to 48/64" Fixed choke	22:22	"	274
Close APR-N- tool and choke manifold	08:36	3/12-81	276
Open choke manifold to bleed off well head pressure	13:57	"	277
Close choke manifold	14:25	"	277
Open kill line	14:37	"	277
Pump mud down dill pipe to APR-N tool	14:40	"	277

M.R.P.G. PRESSURES ARE RELATIVE TO GAUGE CLOCK TIMES.

S.P.G. PRESSURES ARE RELATIVE TO TIME GRADIENT CALCULATED FROM SURFACE TIMES.



**PRESSURE TEST DATA SUMMARY  
CONTINUATION SHEET**

COMPANY: ESSO EXPLORATION NORWAY

JOB NO: MRPG-1045-NOR

EVENT	SURFACE TIMES & DATES		TEMP.	°F
Close kill line	15:20	3/12-81	277	
Open APR-N tool, start pumping mud	04:46	4/12-81	275	
Stop pumping-surface pressure 5000 PSI	05:13	"	276	
Re open APR-N tool	05:22	"	273	
Start pumping mud	05:25	"	275	
Stop pumping-surface pressure 5000 PSI	05:38	"	277	
Shear APR-N tool-start reverse circulating	06:40	"	273	
Unlatch sub sea test tree	24:00	"	276	
Relatch sub sea test tree	06:50	9/12-81	—	

M.R.P.G. PRESSURES ARE RELATIVE TO GAUGE CLOCK TIMES.

S.P.G. PRESSURES ARE RELATIVE TO TIME GRADIENT CALCULATED FROM SURFACE TIMES.

12/17/81

SPERRY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOR

D.S.T. 1, RUN 1, GAUGE 0017, SENSING DEPTH 4032.2 METRES. (STATIC PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	8288.023	18: 0	2-12-81	PACKER SET
0.067	8293.867	18: 4		
0.133	8296.464	18: 8		
0.200	8296.464	18:12		
0.267	8297.763	18:16		
0.333	8297.763	18:20		
0.400	8297.763	18:24		END OF STATIC PERIOD

12/17/81

SPERRY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1; RUN 1. GAUGE 0017; SENSING DEPTH 4032.2 METRES. (FIRST FLOW)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	8297.763	18:24	2-12-81	OPEN APR-N TOOL
0.067	5995.814	18:28		
0.133	6551.009	18:32		OPEN WELL AT CHOKE MANIFOLD
0.200	6839.970	18:36		END OF FLOW PERIOD

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1, RUN 1. GAUGE 0017; SENSING DEPTH 4032.2 METRES. (FIRST BUILD-UP)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
0.000	6839.970	18:36	2-12-81
0.067	7652.957	18:40	CLOSE APR-N FOR BUILD-UP
0.133	7666.594	18:44	
0.200	7669.191	18:48	
0.267	7670.490	18:52	
0.333	7671.139	18:56	
0.400	7672.438	19: 0	
0.467	7671.789	19: 4	
0.533	7672.438	19: 8	
0.600	7673.737	19:12	
0.667	7673.087	19:16	
0.733	7673.737	19:20	
0.800	7675.685	19:24	
0.867	7675.035	19:28	
0.933	7674.386	19:32	
1.000	7675.685	19:36	
1.067	7675.035	19:40	
1.133	7675.035	19:44	
1.200	7675.685	19:48	
1.267	7676.983	19:52	

END OF BUILD-UP PERIOD

12/17/81

SPERRY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1; RUN 1. GAUGE 0017; SENSING DEPTH 4032.2 METRES. (FINAL FLOW)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	7676.983	19:52	2-12-81	OPEN APR-N TOOL
0.133	7091.269	20: 0		
0.200	7017.892	20: 4		WELL OPENED TO FLOW
0.267	6726.334	20: 8		ON 20/64" ADJ. CHOKE
0.333	6129.387	20:12		
0.400	6021.704	20:16		
0.467	6415.888	20:20		
0.533	6315.384	20:24		
0.600	6135.913	20:28		
0.667	6032.799	20:32		GAS TO SURFACE
0.733	6289.932	20:36		
0.800	6282.753	20:40		CHANGE TO 30/64" ADJ. CHOKE
0.867	6229.891	20:44		
0.933	5618.384	20:48		
1.000	5401.713	20:52		
1.067	5279.673	20:56		
1.133	4944.225	21: 0		
1.200	4877.658	21: 4		CHANGE TO 40/64" ADJ. CHOKE
1.267	4773.238	21: 8		
1.333	4724.292	21:12		
1.400	4948.141	21:16		CHANGE TO 44/64" ADJ. CHOKE
1.467	5029.066	21:20		
1.533	4881.573	21:24		
1.600	4886.794	21:28		CHANGE TO 48/64" ADJ. CHOKE
1.667	4826.101	21:32		
1.733	4805.869	21:36		FLOW THROUGH HEATER
1.800	4805.217	21:40		
1.867	4813.048	21:44		
1.933	4832.627	21:48		
2.000	4832.627	21:52		
2.067	4811.743	21:56		
2.133	4799.996	22: 0		
2.200	4823.490	22: 4		
2.267	4804.564	22: 8		
2.333	4780.417	22:12		
2.400	4785.638	22:16		
2.467	4791.512	22:20		
2.533	4786.943	22:24		CHANGE TO 48/64" FIXED CHOKE
2.600	4775.849	22:28		
2.667	4773.891	22:32		
2.733	4769.322	22:36		
2.800	4768.670	22:40		
2.867	4766.712	22:44		
2.933	4766.712	22:48		
3.000	4748.439	22:52		
3.067	4771.280	22:56		

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1, RUN 1. GAUGE 0017, SENSING DEPTH 4032.2 METRES. (FINAL FLOW)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
3.133	4767.365	23: 0	2-12-81
3.200	4786.943	23: 4	
3.267	4771.933	23: 8	
3.333	4773.891	23:12	
3.400	4784.985	23:16	
3.467	4766.712	23:20	
3.533	4796.733	23:24	
3.600	4781.070	23:28	
3.667	4792.164	23:32	
3.733	4792.164	23:36	
3.800	4783.680	23:40	
3.867	4801.301	23:44	
3.933	4798.690	23:48	
4.000	4797.385	23:52	
4.067	4802.606	23:56	
4.133	4798.690	0: 0	3-12-81
4.200	4792.817	0: 4	
4.267	4808.480	0: 8	
4.333	4800.648	0:12	
4.400	4809.132	0:16	
4.467	4837.848	0:20	
4.533	4852.205	0:24	
4.600	4835.890	0:28	
4.667	4858.732	0:32	
4.733	4856.774	0:36	
4.800	4847.637	0:40	
4.867	4846.985	0:44	
4.933	4845.679	0:48	
5.000	4841.111	0:52	
5.067	4851.553	0:56	
5.133	4840.458	1: 0	
5.200	4837.195	1: 4	
5.267	4848.290	1: 8	
5.333	4836.543	1:12	
5.400	4847.637	1:16	
5.467	4835.890	1:20	
5.533	4843.069	1:24	
5.600	4851.553	1:28	
5.667	4850.900	1:32	
5.733	4855.469	1:36	
5.800	4871.784	1:40	
5.867	4869.174	1:44	
5.933	4831.322	1:48	
6.000	4859.384	1:52	
6.067	4854.816	1:56	
6.133	4852.858	2: 0	
6.200	4847.637	2: 4	

12/17/81

SPERRY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 3

ESSD EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1; RUN 1. GAUGE 0017; SENSING DEPTH 4032.2 METRES. (FINAL FLOW)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6.267	4851.553	2: 8	3-12-81
6.333	4841.111	2:12	
6.400	4841.111	2:16	
6.467	4860.690	2:20	
6.533	4848.290	2:24	
6.600	4844.374	2:28	
6.667	4848.942	2:32	
6.733	4839.806	2:36	
6.800	4849.595	2:40	
6.867	4845.027	2:44	
6.933	4854.163	2:48	
7.000	4832.627	2:52	
7.067	4851.553	2:56	
7.133	4841.764	3: 0	
7.200	4848.290	3: 4	
7.267	4841.111	3: 8	
7.333	4839.153	3:12	
7.400	4851.553	3:16	
7.467	4841.111	3:20	
7.533	4843.721	3:24	
7.600	4837.848	3:28	
7.667	4836.543	3:32	
7.733	4838.500	3:36	
7.800	4859.384	3:40	
7.867	4848.942	3:44	
7.933	4829.364	3:48	
8.000	4844.374	3:52	
8.067	4845.679	3:56	
8.133	4846.985	4: 0	
8.200	4843.721	4: 4	
8.267	4832.627	4: 8	
8.333	4778.459	4:12	
8.400	4850.248	4:16	
8.467	4805.869	4:20	
8.533	4824.795	4:24	
8.600	4833.932	4:28	
8.667	4824.795	4:32	
8.733	4846.332	4:36	
8.800	4821.532	4:40	
8.867	4837.848	4:44	
8.933	4838.500	4:48	
9.000	4818.922	4:52	
9.067	4841.111	4:56	
9.133	4843.069	5: 0	
9.200	4833.932	5: 4	
9.267	4825.448	5: 8	
9.333	4836.543	5:12	



ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1, RUN 1, GAUGE 0017, SENSING DEPTH 4032.2 METRES. (FINAL FLOW)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
9.400	4815.006	5:16	3-12-81
9.467	4837.848	5:20	
9.533	4834.565	5:24	
9.600	4843.721	5:28	
9.667	4819.574	5:32	
9.733	4831.322	5:36	
9.800	4838.500	5:40	
9.867	4825.448	5:44	
9.933	4819.574	5:48	
10.000	4822.837	5:52	
10.067	4827.406	5:56	
10.133	4818.269	6: 0	
10.200	4823.490	6: 4	
10.267	4826.101	6: 8	
10.333	4818.269	6:12	
10.400	4808.480	6:16	
10.467	4830.669	6:20	
10.533	4827.406	6:24	
10.600	4831.322	6:28	
10.667	4829.364	6:32	
10.733	4818.922	6:36	
10.800	4826.753	6:40	
10.867	4811.090	6:44	
10.933	4821.532	6:48	
11.000	4824.795	6:52	
11.067	4829.364	6:56	
11.133	4810.438	7: 0	
11.200	4811.743	7: 4	
11.267	4833.279	7: 8	
11.333	4810.438	7:12	
11.400	4805.869	7:16	
11.467	4816.311	7:20	
11.533	4794.775	7:24	
11.600	4809.785	7:28	
11.667	4814.353	7:32	
11.733	4804.564	7:36	
11.800	4809.132	7:40	
11.867	4804.564	7:44	
11.933	4798.690	7:48	
12.000	4807.827	7:52	
12.067	4818.922	7:56	
12.133	4816.311	8: 0	
12.200	4808.480	8: 4	
12.267	4788.249	8: 8	
12.333	4800.648	8:12	
12.400	4792.817	8:16	
12.467	4782.375	8:20	

12/17/81

SPERRY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 5

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1, RUN 1, GAUGE 0017, SENSING DEPTH 4032.2 METRES. (FINAL FLOW)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
12.533	4803.259	8:24	3-12-81	
12.600	4771.933	8:28		
12.667	4800.648	8:32		END OF FLOW PERIOD

12/17/81

SPERRY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1; RUN 1. GAUGE 0017; SENSING DEPTH 4032.2 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
0.000	0.00	4800.648	8:32	3-12-81
0.067	189.70	7006.204	8:36	
0.133	95.35	7072.438	8:40	
0.200	63.90	7109.451	8:44	
0.267	48.18	7136.074	8:48	
0.333	38.74	7160.100	8:52	
0.400	32.45	7178.931	8:56	
0.467	27.96	7195.165	9: 0	
0.533	24.59	7210.100	9: 4	
0.600	21.97	7221.139	9: 8	
0.667	19.87	7233.477	9:12	
0.733	18.15	7252.957	9:16	
0.800	16.73	7261.399	9:20	
0.867	15.52	7271.788	9:24	
0.933	14.48	7280.879	9:28	
1.000	13.58	7287.373	9:32	
1.067	12.79	7294.516	9:36	
1.133	12.10	7300.360	9:40	
1.200	11.48	7306.853	9:44	
1.267	10.93	7311.399	9:48	
1.333	10.44	7317.892	9:52	
1.400	9.99	7322.438	9:56	
1.467	9.58	7327.633	10: 0	
1.533	9.20	7332.827	10: 4	
1.600	8.86	7336.723	10: 8	
1.667	8.55	7340.620	10:12	
1.733	8.26	7344.516	10:16	
1.800	7.99	7347.762	10:20	
1.867	7.74	7353.607	10:24	
1.933	7.51	7356.204	10:28	
2.000	7.29	7361.399	10:32	
2.067	7.09	7364.646	10:36	
2.133	6.90	7367.892	10:40	
2.200	6.72	7371.139	10:44	
2.267	6.55	7373.087	10:48	
2.333	6.39	7375.685	10:52	
2.400	6.24	7377.633	10:56	
2.467	6.10	7379.581	11: 0	
2.533	5.97	7382.178	11: 4	
2.600	5.84	7384.126	11: 8	
2.667	5.72	7386.724	11:12	
2.733	5.60	7389.970	11:16	
2.800	5.49	7391.918	11:20	
2.867	5.39	7393.866	11:24	
3.000	5.19	7397.762	11:32	

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWA  
1 DECEMBER 198  
MRPG-1045-NO

D.S.T. 1; RUN 1. GAUGE 0017; SENSING DEPTH 4032.2 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
3.067	5.10	7397.762	11:36	3-12-81
3.133	5.01	7401.009	11:40	
3.200	4.93	7402.308	11:44	
3.267	4.85	7404.256	11:48	
3.333	4.77	7405.555	11:52	
3.400	4.70	7407.503	11:56	
3.467	4.63	7408.801	12: 0	
3.533	4.56	7410.100	12: 4	
3.600	4.49	7411.399	12: 8	
3.667	4.43	7412.048	12:12	
3.733	4.37	7413.996	12:16	
3.800	4.31	7414.646	12:20	
3.867	4.25	7417.243	12:24	
3.933	4.20	7418.542	12:28	
4.000	4.15	7419.191	12:32	
4.067	4.09	7421.139	12:36	
4.133	4.04	7423.087	12:40	
4.200	4.00	7423.087	12:44	
4.267	3.95	7424.386	12:48	
4.333	3.90	7425.685	12:52	
4.400	3.86	7426.334	12:56	
4.467	3.82	7426.983	13: 0	
4.533	3.77	7429.581	13: 4	
4.600	3.73	7430.230	13: 8	
4.667	3.70	7431.529	13:12	
4.733	3.66	7433.477	13:16	
4.800	3.62	7434.126	13:20	
4.867	3.58	7434.126	13:24	
4.933	3.55	7435.425	13:28	
5.000	3.52	7436.074	13:32	
5.067	3.48	7436.724	13:36	
5.133	3.45	7438.022	13:40	
5.200	3.42	7439.970	13:44	
5.267	3.39	7441.269	13:48	
5.333	3.36	7441.269	13:52	
5.400	3.33	7436.724	13:56	
5.467	3.30	7434.775	14: 0	
5.533	3.27	7434.126	14: 4	
5.600	3.25	7434.126	14: 8	
5.667	3.22	7434.775	14:12	
5.733	3.19	7434.775	14:16	
5.800	3.17	7436.074	14:20	
5.867	3.14	7436.724	14:24	
5.933	3.12	7438.022	14:28	
6.000	3.10	7436.724	14:32	
6.067	3.07	7438.022	14:36	

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1; RUN 1. GAUGE 0017; SENSING DEPTH 4032.2 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
6.133	3.05	7438.672	14:40	3-12-81
6.200	3.03	7439.321	14:44	
6.267	3.01	7439.970	14:48	
6.333	2.99	7439.321	14:52	
6.400	2.97	7440.620	14:56	
6.467	2.95	7443.217	15: 0	
6.533	2.93	7448.412	15: 4	
6.600	2.91	7451.659	15: 8	
6.667	2.89	7447.763	15:12	
6.733	2.87	7448.412	15:16	
6.800	2.85	7449.711	15:20	
6.867	2.83	7449.711	15:24	
6.933	2.81	7451.659	15:28	
7.000	2.80	7453.607	15:32	
7.067	2.78	7454.905	15:36	
7.133	2.76	7455.555	15:40	
7.200	2.75	7457.503	15:44	
7.267	2.73	7457.503	15:48	
7.333	2.72	7458.152	15:52	
7.400	2.70	7459.451	15:56	
7.467	2.68	7460.750	16: 0	
7.533	2.67	7460.100	16: 4	
7.600	2.66	7461.399	16: 8	
7.667	2.64	7462.048	16:12	
7.733	2.63	7462.048	16:16	
7.800	2.61	7461.399	16:20	
7.867	2.60	7462.698	16:24	
7.933	2.59	7462.698	16:28	
8.000	2.57	7463.347	16:32	
8.067	2.56	7464.646	16:36	
8.133	2.55	7464.646	16:40	
8.200	2.53	7464.646	16:44	
8.267	2.52	7465.944	16:48	
8.333	2.51	7465.295	16:52	
8.400	2.50	7464.646	16:56	
8.467	2.49	7465.295	17: 0	
8.533	2.47	7467.892	17: 4	
8.600	2.46	7467.243	17: 8	
8.667	2.45	7467.892	17:12	
8.733	2.44	7467.892	17:16	
8.800	2.43	7468.542	17:20	
8.867	2.42	7468.542	17:24	
8.933	2.41	7469.191	17:28	
9.000	2.40	7469.191	17:32	
9.067	2.39	7468.542	17:36	
9.133	2.38	7469.191	17:40	

12/12/81

SLEIPNER-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 4

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1; RUN 1. GAUGE 0017; SENSING DEPTH 4032.2 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
9.200	2.37	7470.490	17:44	3-12-81
9.267	2.36	7471.139	17:48	
9.333	2.35	7471.139	17:52	
9.400	2.34	7470.490	17:56	
9.467	2.33	7471.789	18: 0	
9.533	2.32	7471.139	18: 4	
9.600	2.31	7472.438	18: 8	
9.667	2.30	7471.789	18:12	
9.733	2.29	7473.087	18:16	
9.800	2.28	7473.737	18:20	
9.867	2.27	7473.737	18:24	
9.933	2.27	7473.737	18:28	
10.000	2.26	7473.737	18:32	
10.067	2.25	7474.386	18:36	
10.133	2.24	7473.087	18:40	
10.200	2.23	7474.386	18:44	
10.267	2.23	7475.685	18:48	
10.333	2.22	7475.035	18:52	
10.400	2.21	7475.035	18:56	
10.467	2.20	7476.334	19: 0	
10.533	2.19	7475.685	19: 4	
10.600	2.19	7475.035	19: 8	
10.667	2.18	7475.685	19:12	
10.733	2.17	7476.334	19:16	
10.800	2.16	7476.983	19:20	
10.867	2.16	7477.633	19:24	
10.933	2.15	7477.633	19:28	
11.000	2.14	7477.633	19:32	
11.067	2.14	7477.633	19:36	
11.133	2.13	7478.931	19:40	
11.200	2.12	7477.633	19:44	
11.267	2.12	7477.633	19:48	
11.333	2.11	7478.282	19:52	
11.400	2.10	7478.282	19:56	
11.467	2.10	7478.282	20: 0	
11.533	2.09	7478.931	20: 4	
11.600	2.08	7480.230	20: 8	
11.667	2.08	7480.230	20:12	
11.733	2.07	7479.581	20:16	
11.800	2.07	7479.581	20:20	
11.867	2.06	7480.230	20:24	
11.933	2.05	7480.879	20:28	
12.000	2.05	7480.230	20:32	
12.067	2.04	7480.879	20:36	
12.133	2.04	7480.230	20:40	
12.200	2.03	7481.529	20:44	

12/17/81

CHEPPEY-SON INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 5

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1; RUN 1. GAUGE 0017; SENSING DEPTH 4032.2 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
12.267	2.03	7481.529	20:48	3-12-81
12.333	2.02	7482.827	20:52	
12.400	2.01	7482.827	20:56	
12.467	2.01	7482.178	21: 0	
12.600	2.00	7482.178	21: 8	
12.800	1.98	7483.477	21:20	
12.867	1.98	7483.477	21:24	
12.933	1.97	7483.477	21:28	
13.000	1.97	7484.776	21:32	
13.067	1.96	7484.126	21:36	
13.133	1.96	7484.126	21:40	
13.200	1.95	7484.126	21:44	
13.267	1.95	7484.776	21:48	
13.333	1.94	7482.827	21:52	
13.400	1.94	7483.477	21:56	
13.467	1.93	7485.425	22: 0	
13.533	1.93	7485.425	22: 4	
13.600	1.93	7485.425	22: 8	
13.667	1.92	7486.724	22:12	
13.733	1.92	7486.724	22:16	
13.800	1.91	7486.724	22:20	
13.867	1.91	7486.074	22:24	
13.933	1.90	7486.074	22:28	
14.000	1.90	7485.425	22:32	
14.067	1.89	7486.074	22:36	
14.133	1.89	7486.724	22:40	
14.267	1.88	7487.373	22:48	
14.333	1.88	7487.373	22:52	
14.400	1.87	7488.022	22:56	
14.467	1.87	7487.373	23: 0	
14.533	1.87	7488.022	23: 4	
14.600	1.86	7488.672	23: 8	
14.667	1.86	7488.022	23:12	
14.733	1.85	7486.724	23:16	
14.800	1.85	7489.321	23:20	
14.867	1.85	7488.672	23:24	
14.933	1.84	7489.321	23:28	
15.000	1.84	7489.970	23:32	
15.067	1.83	7489.321	23:36	
15.133	1.83	7489.321	23:40	
15.200	1.83	7489.321	23:44	
15.267	1.82	7488.022	23:48	
15.333	1.82	7489.970	23:52	
15.400	1.82	7489.970	23:56	
15.467	1.81	7489.321	0: 0	4-12-81
15.533	1.81	7490.620	0: 4	

12/17/81

SPEARBY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 6

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NDI

D.S.T. 1, RUN 1. GAUGE 0017, SENSING DEPTH 4032.2 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
15.600	1.81	7490.620	0: 8	4-12-81
15.667	1.80	7490.620	0:12	
15.733	1.80	7491.269	0:16	
15.800	1.80	7491.269	0:20	
15.867	1.79	7489.970	0:24	
15.933	1.79	7490.620	0:28	
16.000	1.79	7491.269	0:32	
16.067	1.78	7491.918	0:36	
16.133	1.78	7491.918	0:40	
16.267	1.77	7491.918	0:48	
16.333	1.77	7491.918	0:52	
16.400	1.77	7491.918	0:56	
16.467	1.76	7492.568	1: 0	
16.533	1.76	7493.217	1: 4	
16.600	1.76	7492.568	1: 8	
16.667	1.75	7491.918	1:12	
16.733	1.75	7493.217	1:16	
16.800	1.75	7492.568	1:20	
16.867	1.75	7493.217	1:24	
16.933	1.74	7493.866	1:28	
17.000	1.74	7495.165	1:32	
17.067	1.74	7493.866	1:36	
17.133	1.73	7492.568	1:40	
17.200	1.73	7493.866	1:44	
17.267	1.73	7495.165	1:48	
17.333	1.73	7493.866	1:52	
17.400	1.72	7495.165	1:56	
17.467	1.72	7495.165	2: 0	
17.533	1.72	7495.814	2: 4	
17.600	1.71	7495.165	2: 8	
17.667	1.71	7496.464	2:12	
17.733	1.71	7494.516	2:16	
17.933	1.70	7495.814	2:28	
18.000	1.70	7495.814	2:32	
18.067	1.70	7496.464	2:36	
18.133	1.69	7497.113	2:40	
18.200	1.69	7496.464	2:44	
18.267	1.69	7496.464	2:48	
18.333	1.69	7496.464	2:52	
18.400	1.68	7496.464	2:56	
18.467	1.68	7496.464	3: 0	
18.533	1.68	7496.464	3: 4	
18.600	1.68	7496.464	3: 8	
18.667	1.67	7497.113	3:12	
18.733	1.67	7496.464	3:16	
18.800	1.67	7497.763	3:20	



12/17/81

FERRY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 7

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOR

D.S.T. 1, RUN 1. GAUGE 0017, SENSING DEPTH 4032.2 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
18.867	1.67	7498.412	3:24	4-12-81
18.933	1.66	7497.113	3:28	
19.000	1.66	7497.113	3:32	
19.067	1.66	7497.763	3:36	
19.133	1.66	7498.412	3:40	
19.200	1.66	7497.763	3:44	
19.267	1.65	7498.412	3:48	
19.333	1.65	7498.412	3:52	
19.400	1.65	7498.412	3:56	
19.467	1.65	7497.763	4: 0	
19.533	1.64	7498.412	4: 4	
19.600	1.64	7499.711	4: 8	
19.667	1.64	7498.412	4:12	
19.733	1.64	7499.061	4:16	
19.800	1.64	7499.061	4:20	
19.867	1.63	7497.763	4:24	
19.933	1.63	7499.711	4:28	
20.000	1.63	7499.711	4:32	
20.067	1.63	7499.711	4:36	

12/17/81

GERRYSON INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NDI

D.S.T. 1, RUN 1. GAUGE 0105, SENSING DEPTH 4035.1 METRES. (STATIC PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	8298.047	18: 1	2-12-81	PACKER SET
0.067	8302.093	18: 5		
0.133	8303.249	18: 9		
0.200	8304.982	18:13		
0.267	8305.560	18:17		
0.333	8305.560	18:21		
0.400	8303.827	18:25		END OF STATIC PERIOD

12/17/81

SPERRY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NO

D.S.T. 1, RUN 1. GAUGE 0105, SENSING DEPTH 4035.1 METRES. (FIRST FLOW)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	8303.827	18:25	2-12-81	OPEN APR-N TOOL
0.067	7500.514	18:29		
0.133	6515.155	18:33		OPEN WELL AT CHOKE MANIFOLD
0.200	6394.369	18:37		END OF FLOW PERIOD

12/17/81

SPERRY-SUB INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1, RUN 1. GAUGE 0105, SENSING DEPTH 4035.1 METRES. (FIRST BUILD-UP)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	6394.369	18:37	2-12-81	CLOSE APR-N FOR BUILD-UP
0.067	7660.598	18:41		
0.133	7671.001	18:45		
0.200	7673.891	18:49		
0.267	7673.891	18:53		
0.333	7673.891	18:57		
0.400	7677.936	19: 1		
0.467	7675.046	19: 5		
0.533	7676.202	19: 9		
0.600	7675.046	19:13		
0.667	7676.202	19:17		
0.733	7675.624	19:21		
0.800	7676.780	19:25		
0.867	7677.936	19:29		
0.933	7676.780	19:33		
1.000	7674.468	19:37		
1.067	7676.780	19:41		
1.133	7676.780	19:45		
1.200	7676.780	19:49		
1.267	7676.780	19:53		END OF BUILD-UP PERIOD

12/17/81

SPERRY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NO

D.S.T. 1, RUN 1. GAUGE 0105, SENSING DEPTH 4035.1 METRES. (FINAL FLOW)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	7676.780	19:53	2-12-81	OPEN APR-N TOOL
0.067	7591.248	19:57		
0.133	6819.142	20: 1		WELL OPENED TO FLOW
0.200	6163.200	20: 5		ON 20/64" ADJ. CHOKE
0.333	6357.960	20:13		
0.400	6437.135	20:17		
0.467	6337.733	20:21		
0.533	6119.278	20:25		
0.600	6240.064	20:29		GAS TO SURFACE
0.667	6311.726	20:33		
0.733	6290.343	20:37		CHANGE TO 30/64" ADJ. CHOKE
0.800	6026.810	20:41		
0.867	5519.394	20:45		
0.933	5348.906	20:49		
1.000	5285.913	20:53		
1.067	4907.373	20:57		
1.133	4885.412	21: 1		CHANGE TO 40/64" ADJ. CHOKE
1.200	4749.600	21: 5		
1.267	4832.243	21: 9		
1.333	4996.951	21:13		CHANGE TO 44/64" ADJ. CHOKE
1.400	4977.302	21:17		
1.467	4872.120	21:21		
1.533	4885.990	21:25		CHANGE TO 48/64" ADJ. CHOKE
1.600	4806.815	21:29		
1.667	4793.522	21:33		FLOW THROUGH HEATER
1.733	4810.860	21:37		
1.800	4814.328	21:41		
1.867	4838.600	21:45		
1.933	4829.931	21:49		
2.000	4829.931	21:53		
2.067	4822.418	21:57		
2.133	4833.399	22: 1		
2.200	4817.217	22: 5		
2.267	4796.412	22: 9		
2.333	4786.009	22:13		
2.400	4801.613	22:17		
2.467	4796.412	22:21		CHANGE TO 48/64" FIXED CHOKE
2.533	4770.405	22:25		
2.600	4769.827	22:29		
2.667	4765.782	22:33		
2.733	4768.094	22:37		
2.800	4764.626	22:41		
2.867	4779.652	22:45		
2.933	4780.230	22:49		
3.000	4770.983	22:53		
3.067	4780.230	22:57		

12/17/81

STERRY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 2

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1, RUN 1. GAUGE 0105, SENSING DEPTH 4035.1 METRES. (FINAL FLOW)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
3.133	4786.587	23: 1	2-12-81
3.200	4780.230	23: 5	
3.267	4794.100	23: 9	
3.333	4779.652	23:13	
3.400	4788.321	23:17	
3.467	4800.457	23:21	
3.533	4794.678	23:25	
3.600	4805.081	23:29	
3.667	4795.834	23:33	
3.733	4801.035	23:37	
3.800	4810.860	23:41	
3.867	4813.750	23:45	
3.933	4801.035	23:49	
4.000	4810.282	23:53	
4.067	4817.217	23:57	
4.133	4805.081	0: 1	3-12-81
4.200	4805.659	0: 5	
4.267	4816.639	0: 9	
4.333	4835.133	0:13	
4.400	4839.756	0:17	
4.467	4850.159	0:21	
4.533	4866.919	0:25	
4.600	4861.717	0:29	
4.667	4836.289	0:33	
4.733	4852.470	0:37	
4.800	4839.756	0:41	
4.867	4843.224	0:45	
4.933	4836.867	0:49	
5.000	4853.626	0:53	
5.067	4847.847	0:57	
5.133	4859.983	1: 1	
5.200	4855.938	1: 5	
5.267	4859.983	1: 9	
5.333	4862.873	1:13	
5.400	4854.782	1:17	
5.467	4862.295	1:21	
5.533	4855.938	1:25	
5.600	4873.276	1:29	
5.667	4864.607	1:33	
5.733	4862.873	1:37	
5.800	4861.139	1:41	
5.867	4859.406	1:45	
5.933	4855.938	1:49	
6.000	4864.029	1:53	
6.067	4865.763	1:57	
6.133	4855.938	2: 1	
6.200	4847.269	2: 5	

12/17/81

SPERRY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 3

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOF

D.S.T. 1, RUN 1. GAUGE 0105, SENSING DEPTH 4035.1 METRES. (FINAL FLOW)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6.267	4853.048	2: 9	3-12-81
6.333	4868.652	2:13	
6.400	4875.587	2:17	
6.467	4859.406	2:21	
6.533	4850.159	2:25	
6.600	4849.003	2:29	
6.667	4872.120	2:33	
6.733	4849.581	2:37	
6.800	4861.717	2:41	
6.867	4861.139	2:45	
6.933	4833.399	2:49	
7.000	4855.938	2:53	
7.067	4860.561	2:57	
7.133	4839.756	3: 1	
7.200	4852.470	3: 5	
7.267	4860.561	3: 9	
7.333	4844.380	3:13	
7.400	4833.977	3:17	
7.467	4850.159	3:21	
7.533	4841.490	3:25	
7.600	4855.938	3:29	
7.667	4851.315	3:33	
7.733	4857.094	3:37	
7.800	4831.665	3:41	
7.867	4864.607	3:45	
7.933	4847.269	3:49	
8.000	4855.938	3:53	
8.067	4835.711	3:57	
8.133	4841.490	4: 1	
8.200	4851.315	4: 5	
8.267	4835.133	4: 9	
8.333	4844.380	4:13	
8.400	4825.886	4:17	
8.467	4833.977	4:21	
8.533	4838.022	4:25	
8.600	4853.626	4:29	
8.667	4860.561	4:33	
8.733	4853.048	4:37	
8.800	4854.782	4:41	
8.867	4837.444	4:45	
8.933	4810.860	4:49	
9.000	4854.782	4:53	
9.067	4849.003	4:57	
9.133	4847.269	5: 1	
9.200	4838.022	5: 5	
9.267	4846.691	5: 9	
9.333	4829.931	5:13	

12/17/81

SPEERY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 4

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1, RUN 1. GAUGE 0105, SENSING DEPTH 4035.1 METRES. (FINAL FLOW)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
9.400	4849.581	5:17	3-12-81
9.467	4849.003	5:21	
9.533	4853.626	5:25	
9.600	4818.373	5:29	
9.667	4837.444	5:33	
9.733	4829.931	5:37	
9.800	4826.464	5:41	
9.867	4817.795	5:45	
9.933	4840.912	5:49	
10.000	4832.821	5:53	
10.067	4835.133	5:57	
10.133	4825.886	6: 1	
10.200	4830.509	6: 5	
10.267	4834.555	6: 9	
10.333	4831.665	6:13	
10.400	4816.061	6:17	
10.467	4835.133	6:21	
10.533	4822.418	6:25	
10.600	4806.815	6:29	
10.667	4828.776	6:33	
10.733	4833.399	6:37	
10.800	4823.574	6:41	
10.867	4794.678	6:45	
10.933	4816.639	6:49	
11.000	4843.224	6:53	
11.067	4810.860	6:57	
11.133	4817.217	7: 1	
11.200	4828.198	7: 5	
11.267	4811.438	7: 9	
11.333	4799.879	7:13	
11.400	4834.555	7:17	
11.467	4810.860	7:21	
11.533	4805.081	7:25	
11.600	4810.282	7:29	
11.667	4803.347	7:33	
11.733	4801.035	7:37	
11.800	4820.685	7:41	
11.867	4813.172	7:45	
11.933	4799.879	7:49	
12.000	4818.951	7:53	
12.067	4785.431	7:57	
12.133	4814.905	8: 1	
12.200	4804.503	8: 5	
12.267	4794.678	8: 9	
12.333	4796.412	8:13	
12.400	4807.392	8:17	
12.467	4798.724	8:21	



12/17/81

SPERRY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 5

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOR

D.S.T. 1, RUN 1. GAUGE 0105, SENSING DEPTH 4035.1 METRES. (FINAL FLOW)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
12.533	4817.217	8:25	3-12-81	
12.600	4801.613	8:29		
12.667	4809.126	8:33		END OF FLOW PERIOD

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1, RUN 1. GAUGE 0105, SENSING DEPTH 4035.1 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
0.000	0.00	4809.126	8:33	3-12-81
0.067	189.70	6992.519	8:37	
0.133	95.35	7069.961	8:41	
0.200	63.90	7108.682	8:45	
0.267	48.18	7133.533	8:49	
0.333	38.74	7157.805	8:53	
0.400	32.45	7178.611	8:57	
0.467	27.96	7194.792	9: 1	
0.533	24.59	7208.663	9: 5	
0.600	21.97	7221.955	9: 9	
0.667	19.87	7234.669	9:13	
0.733	18.15	7252.585	9:17	
0.800	16.73	7262.409	9:21	
0.867	15.52	7271.656	9:25	
0.933	14.48	7282.059	9:29	
1.000	13.58	7287.260	9:33	
1.067	12.79	7298.241	9:37	
1.133	12.10	7300.552	9:41	
1.200	11.48	7308.065	9:45	
1.267	10.93	7315.000	9:49	
1.333	10.44	7317.312	9:53	
1.400	9.99	7321.935	9:57	
1.467	9.58	7327.137	10: 1	
1.533	9.20	7332.338	10: 5	
1.600	8.86	7335.228	10: 9	
1.667	8.55	7341.585	10:13	
1.733	8.26	7343.897	10:17	
1.800	7.99	7349.098	10:21	
1.867	7.74	7353.143	10:25	
1.933	7.51	7356.611	10:29	
2.000	7.29	7360.078	10:33	
2.067	7.09	7362.968	10:37	
2.133	6.90	7365.858	10:41	
2.200	6.72	7368.169	10:45	
2.267	6.55	7370.481	10:49	
2.333	6.39	7373.948	10:53	
2.400	6.24	7376.260	10:57	
2.467	6.10	7377.994	11: 1	
2.533	5.97	7380.306	11: 5	
2.600	5.84	7382.617	11: 9	
2.667	5.72	7384.929	11:13	
2.733	5.60	7387.241	11:17	
2.800	5.49	7388.397	11:21	
2.867	5.39	7391.286	11:25	
2.933	5.29	7393.020	11:29	

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWA  
1 DECEMBER 198  
MRPG-1045-NDI

D.S.T. 1, RUN 1. GAUGE 0105, SENSING DEPTH 4035.1 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
3.000	5.19	7394.754	11:33	3-12-81
3.067	5.10	7395.910	11:37	
3.133	5.01	7397.065	11:41	
3.200	4.93	7399.955	11:45	
3.267	4.85	7401.111	11:49	
3.333	4.77	7402.845	11:53	
3.400	4.70	7405.156	11:57	
3.467	4.63	7405.156	12: 1	
3.533	4.56	7406.890	12: 5	
3.600	4.49	7409.202	12: 9	
3.667	4.43	7409.202	12:13	
3.733	4.37	7411.513	12:17	
3.800	4.31	7413.247	12:21	
3.867	4.25	7416.715	12:25	
3.933	4.20	7414.981	12:29	
4.000	4.15	7416.715	12:33	
4.067	4.09	7416.715	12:37	
4.133	4.04	7417.871	12:41	
4.200	4.00	7420.182	12:45	
4.267	3.95	7421.338	12:49	
4.333	3.90	7423.650	12:53	
4.400	3.86	7421.916	12:57	
4.467	3.82	7424.806	13: 1	
4.533	3.77	7424.806	13: 5	
4.600	3.73	7425.962	13: 9	
4.667	3.70	7427.117	13:13	
4.733	3.66	7426.539	13:17	
4.800	3.62	7428.851	13:21	
4.867	3.58	7431.741	13:25	
4.933	3.55	7429.429	13:29	
5.000	3.52	7431.163	13:33	
5.067	3.48	7432.897	13:37	
5.133	3.45	7432.897	13:41	
5.200	3.42	7433.475	13:45	
5.267	3.39	7434.052	13:49	
5.333	3.36	7435.786	13:53	
5.400	3.33	7430.007	13:57	
5.467	3.30	7428.273	14: 1	
5.533	3.27	7427.117	14: 5	
5.600	3.25	7427.117	14: 9	
5.667	3.22	7428.851	14:13	
5.733	3.19	7429.429	14:17	
5.800	3.17	7427.695	14:21	
5.867	3.14	7430.007	14:25	
5.933	3.12	7430.007	14:29	
6.000	3.10	7429.429	14:33	

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NDI

D.S.T. 1; RUN 1. GAUGE 0105; SENSING DEPTH 4035.1 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
6.067	3.07	7430.585	14:37	3-12-81
6.133	3.05	7431.163	14:41	
6.200	3.03	7431.741	14:45	
6.267	3.01	7431.741	14:49	
6.333	2.99	7432.319	14:53	
6.400	2.97	7433.475	14:57	
6.467	2.95	7437.520	15: 1	
6.533	2.93	7438.098	15: 5	
6.600	2.91	7444.455	15: 9	
6.667	2.89	7442.721	15:13	
6.733	2.87	7441.565	15:17	
6.800	2.85	7441.565	15:21	
6.867	2.83	7442.721	15:25	
6.933	2.81	7449.656	15:29	
7.000	2.80	7445.611	15:33	
7.067	2.78	7449.656	15:37	
7.133	2.76	7448.501	15:41	
7.200	2.75	7449.078	15:45	
7.267	2.73	7450.812	15:49	
7.333	2.72	7451.968	15:53	
7.400	2.70	7457.169	15:57	
7.467	2.68	7456.014	16: 1	
7.533	2.67	7453.702	16: 5	
7.600	2.66	7457.747	16: 9	
7.667	2.64	7455.436	16:13	
7.733	2.63	7454.858	16:17	
7.800	2.61	7457.747	16:21	
7.867	2.60	7461.215	16:25	
7.933	2.59	7457.747	16:29	
8.000	2.57	7458.325	16:33	
8.067	2.56	7458.903	16:37	
8.133	2.55	7459.481	16:41	
8.200	2.53	7460.059	16:45	
8.267	2.52	7460.059	16:49	
8.333	2.51	7461.215	16:53	
8.400	2.50	7461.215	16:57	
8.467	2.49	7461.215	17: 1	
8.533	2.47	7462.371	17: 5	
8.600	2.46	7461.215	17: 9	
8.667	2.45	7461.793	17:13	
8.733	2.44	7462.371	17:17	
8.800	2.43	7462.949	17:21	
8.867	2.42	7462.949	17:25	
8.933	2.41	7464.682	17:29	
9.000	2.40	7464.104	17:33	
9.067	2.39	7464.104	17:37	

12/17/81

SPERRY-SUN INTERNATIONAL INC.  
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 4

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1, RUN 1. GAUGE 0105, SENSING DEPTH 4035.1 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
9.133	2.38	7464.682	17:41	3-12-81
9.200	2.37	7465.260	17:45	
9.267	2.36	7466.416	17:49	
9.333	2.35	7464.682	17:53	
9.400	2.34	7466.994	17:57	
9.467	2.33	7466.994	18: 1	
9.533	2.32	7466.416	18: 5	
9.600	2.31	7466.994	18: 9	
9.667	2.30	7468.150	18:13	
9.733	2.29	7466.416	18:17	
9.800	2.28	7468.728	18:21	
9.867	2.27	7468.728	18:25	
9.933	2.27	7468.728	18:29	
10.000	2.26	7468.728	18:33	
10.067	2.25	7469.884	18:37	
10.133	2.24	7475.085	18:41	
10.200	2.23	7470.462	18:45	
10.267	2.23	7470.462	18:49	
10.333	2.22	7469.884	18:53	
10.400	2.21	7469.884	18:57	
10.467	2.20	7471.040	19: 1	
10.533	2.19	7471.617	19: 5	
10.600	2.19	7471.617	19: 9	
10.667	2.18	7471.617	19:13	
10.733	2.17	7471.617	19:17	
10.800	2.16	7472.195	19:21	
10.867	2.16	7472.195	19:25	
10.933	2.15	7473.351	19:29	
11.000	2.14	7477.397	19:33	
11.067	2.14	7471.617	19:37	
11.133	2.13	7472.195	19:41	
11.200	2.12	7472.773	19:45	
11.267	2.12	7477.975	19:49	
11.333	2.11	7473.351	19:53	
11.400	2.10	7475.085	19:57	
11.467	2.10	7477.975	20: 1	
11.533	2.09	7473.351	20: 5	
11.600	2.08	7473.929	20: 9	
11.667	2.08	7473.929	20:13	
11.733	2.07	7473.929	20:17	
11.800	2.07	7473.929	20:21	
11.867	2.06	7474.507	20:25	
11.933	2.05	7474.507	20:29	
12.000	2.05	7473.929	20:33	
12.067	2.04	7473.929	20:37	
12.133	2.04	7477.975	20:41	

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NO1

D.S.T. 1, RUN 1. GAUGE 0105, SENSING DEPTH 4035.1 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
12.200	2.03	7475.663	20:45	3-12-81
12.267	2.03	7474.507	20:49	
12.333	2.02	7473.929	20:53	
12.400	2.01	7475.663	20:57	
12.467	2.01	7474.507	21: 1	
12.533	2.00	7473.929	21: 5	
12.600	2.00	7474.507	21: 9	
12.667	1.99	7474.507	21:13	
12.733	1.99	7475.085	21:17	
12.800	1.98	7474.507	21:21	
12.867	1.98	7474.507	21:25	
12.933	1.97	7474.507	21:29	
13.000	1.97	7474.507	21:33	
13.067	1.96	7476.241	21:37	
13.133	1.96	7475.663	21:41	
13.200	1.95	7475.085	21:45	
13.267	1.95	7475.663	21:49	
13.333	1.94	7478.553	21:53	
13.400	1.94	7475.663	21:57	
13.467	1.93	7476.819	22: 1	
13.533	1.93	7475.085	22: 5	
13.600	1.93	7477.397	22: 9	
13.667	1.92	7475.663	22:13	
13.733	1.92	7476.241	22:17	
13.800	1.91	7476.819	22:21	
13.867	1.91	7477.975	22:25	
13.933	1.90	7475.663	22:29	
14.000	1.90	7477.397	22:33	
14.067	1.89	7477.397	22:37	
14.133	1.89	7476.819	22:41	
14.200	1.89	7478.553	22:45	
14.267	1.88	7477.975	22:49	
14.333	1.88	7477.975	22:53	
14.400	1.87	7479.708	22:57	
14.467	1.87	7480.286	23: 1	
14.533	1.87	7477.397	23: 5	
14.600	1.86	7477.397	23: 9	
14.667	1.86	7478.553	23:13	
14.733	1.85	7477.397	23:17	
14.800	1.85	7478.553	23:21	
14.867	1.85	7481.442	23:25	
14.933	1.84	7477.975	23:29	
15.000	1.84	7478.553	23:33	
15.067	1.83	7482.598	23:37	
15.133	1.83	7478.553	23:41	
15.200	1.83	7479.130	23:45	

ESSO EXPLORATION NORWAY INC.  
SLEIPNER  
15/8-1

OFFSHORE NORWAY  
1 DECEMBER 1981  
MRPG-1045-NOI

D.S.T. 1, RUN 1. GAUGE 0105, SENSING DEPTH 4035.1 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
15.267	1.82	7479.708	23:49	3-12-81
15.333	1.82	7479.130	23:53	
15.400	1.82	7480.864	23:57	
15.467	1.81	7482.020	0: 1	4-12-81
15.533	1.81	7479.708	0: 5	
15.600	1.81	7480.864	0: 9	
15.667	1.80	7481.442	0:13	
15.733	1.80	7479.708	0:17	
15.800	1.80	7480.864	0:21	
15.867	1.79	7480.864	0:25	
15.933	1.79	7482.598	0:29	
16.000	1.79	7485.488	0:33	
16.067	1.78	7486.643	0:37	
16.133	1.78	7483.176	0:41	
16.200	1.78	7485.488	0:45	
16.267	1.77	7482.598	0:49	
16.333	1.77	7482.598	0:53	
16.400	1.77	7484.332	0:57	
16.467	1.76	7482.598	1: 1	
16.533	1.76	7483.754	1: 5	
16.600	1.76	7486.066	1: 9	
16.667	1.75	7484.332	1:13	
16.733	1.75	7487.221	1:17	
16.800	1.75	7485.488	1:21	
16.867	1.75	7489.533	1:25	
16.933	1.74	7486.643	1:29	
17.000	1.74	7485.488	1:33	
17.067	1.74	7485.488	1:37	
17.133	1.73	7486.643	1:41	
17.200	1.73	7487.221	1:45	
17.267	1.73	7487.221	1:49	
17.333	1.73	7486.066	1:53	
17.400	1.72	7486.066	1:57	
17.467	1.72	7487.221	2: 1	
17.533	1.72	7487.221	2: 5	
17.600	1.71	7487.221	2: 9	
17.667	1.71	7491.845	2:13	
17.733	1.71	7487.221	2:17	
17.800	1.71	7488.377	2:21	
17.867	1.70	7487.799	2:25	
17.933	1.70	7487.221	2:29	
18.000	1.70	7488.377	2:33	
18.067	1.70	7491.845	2:37	
18.133	1.69	7491.845	2:41	
18.200	1.69	7486.643	2:45	
18.267	1.69	7487.221	2:49	

12/17/81

SEEPHY-GUN INTERNATIONAL INC.  
 MAGNETIC RECORDING (PRESSURE GAUGE REPORT)

PAGE 7

ESSO EXPLORATION NORWAY INC.  
 SLEIPNER  
 15/8-1

OFFSHORE NORWAY  
 1 DECEMBER 1981  
 MRPG-1045-NOI

D.S.T. 1; RUN 1. GAUGE 0105; SENSING DEPTH 4035.1 METRES. (FINAL BUILD-UP)

DELTA TIME	T + DT ----- DT	GAUGE PRESSURE	TIME	DATE
18.333	1.69	7488.955	2:53	4-12-81
18.400	1.68	7487.221	2:57	
18.467	1.68	7487.221	3: 1	
18.533	1.68	7485.488	3: 5	
18.600	1.68	7490.689	3: 9	
18.667	1.67	7486.643	3:13	
18.733	1.67	7490.111	3:17	
18.800	1.67	7487.799	3:21	
18.867	1.67	7491.845	3:25	
18.933	1.66	7488.377	3:29	
19.000	1.66	7488.377	3:33	
19.067	1.66	7489.533	3:37	
19.133	1.66	7487.221	3:41	
19.200	1.66	7490.111	3:45	
19.267	1.65	7489.533	3:49	
19.333	1.65	7492.423	3:53	
19.400	1.65	7486.643	3:57	
19.467	1.65	7486.066	4: 1	
19.533	1.64	7493.001	4: 5	
19.600	1.64	7489.533	4: 9	
19.667	1.64	7487.799	4:13	
19.733	1.64	7490.111	4:17	
19.800	1.64	7490.111	4:21	
19.867	1.63	7488.955	4:25	
19.933	1.63	7493.579	4:29	
20.000	1.63	7490.689	4:33	
20.067	1.63	7490.111	4:37	
20.133	1.62	7489.533	4:41	
20.200	1.62	7490.111	4:45	