

sperry-sun international, inc.

Pressure Survey Report

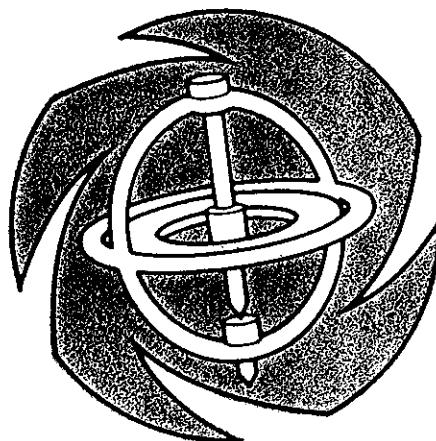
For

BRITISH PETROLEUM

WELL NO: 29/6-1

DATE: 15 APRIL 1962

TEST NO: DST 1 RUN NO: 1



(A Sperry-Sun Company)

Precision Instruments / Professional Service

4/29/82

SPEARY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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BRITISH PETROLEUM
ILDCAT
9/6-1

OFFSHORE NORWAY
15 APRIL 1982
MRPG-1202-NOR

DST 1; RUN 1. GAUGE 0172; SENSING DEPTH 4282.65 M. (PRE-TEST PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
0.000	12838.538	11:44	17- 4-82 SET PACKER AT 11:45
0.067	12756.934	11:48	
0.133	12716.132	11:52	
0.200	12706.111	11:56	
0.267	12676.046	12: 0	
0.333	12657.435	12: 4	
0.400	12636.676	12: 8	
0.467	12764.808	12:12	
0.533	12743.334	12:16	
0.600	12844.980	12:20	ATTEMPT TO OPEN APR-N VALVE
0.667	12837.106	12:24	
0.733	12870.749	12:28	
0.800	13550.778	12:32	
0.867	13590.149	12:36	
0.933	13552.210	12:40	
1.000	13498.524	12:44	
1.067	12924.436	12:48	
1.133	12928.015	12:52	
1.200	13184.279	12:56	
1.267	13132.024	13: 0	
1.333	13079.769	13: 4	
1.400	12919.425	13: 8	
1.467	12817.063	13:12	
1.533	12788.430	13:16	
1.600	12748.344	13:20	
1.667	12708.258	13:24	
1.733	12793.441	13:28	
1.800	12736.891	13:32	
1.867	12707.543	13:36	
1.933	12671.752	13:40	
2.000	12635.245	13:44	
2.067	12598.738	13:48	
2.133	12564.379	13:52	
2.200	12563.663	13:56	
2.267	12530.735	14: 0	
2.333	12567.242	14: 4	
2.400	12555.073	14: 8	
2.467	12582.990	14:12	
2.533	12555.073	14:16	
2.600	12525.724	14:20	
2.667	12391.150	14:24	
2.733	12381.129	14:28	
2.800	12360.370	14:32	
2.867	11331.736	14:36	
2.933	11331.736	14:40	OPEN APR-N VALVE

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DST 1; RUN 1. GAUGE 0172; SENSING DEPTH 4282.65 M. (INITIAL FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	11331.736	14:40	17- 4-82	OPEN APR-N VALVE
0.067	11286.640	14:44		BLEED-OFF TUBING ON 32/64"
0.133	11021.071	14:48		END OF INITIAL FLOW PERIOD

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DST 1, RUN 1. GAUGE 0172, SENSING DEPTH 4282.65 M. (INITIAL BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	11021.071	14:48	17- 4-82	WELL SHUT-IN FOR BUILD-UP
0.067	11317.420	14:52		
0.133	11323.862	14:56		
0.200	11326.010	15: 0		
0.267	11328.157	15: 4		
0.333	11327.442	15: 8		
0.400	11328.873	15:12		
0.467	11328.873	15:16		
0.533	11328.157	15:20		END OF INITIAL BUILD-UP PERIOD

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DST 1, RUN 1. GAUGE 0172, SENSING DEPTH 4292.65 M. (SECOND FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	11328.157	15:20	17- 4-82	WELL OPENED TO FLOW
0.067	10316.251	15:24		ON 08/64" ADJ. CHOKE
0.133	10840.480	15:28		
0.200	10810.377	15:32		
0.267	10971.170	15:36		
0.333	10915.370	15:40		
0.400	10999.070	15:44		
0.467	10949.878	15:48		
0.533	11022.565	15:52		
0.600	11020.362	15:56		
0.667	11034.312	16: 0		
0.733	10994.665	16: 4		
0.800	10882.330	16: 8		
0.867	10735.487	16:12		
0.933	10631.963	16:16		
1.000	10666.471	16:20		
1.067	10466.765	16:24		
1.133	10494.665	16:28		
1.200	10412.433	16:32		
1.267	10420.509	16:36		
1.333	10259.716	16:40		
1.400	10258.248	16:44		
1.467	10167.940	16:48		
1.533	10214.195	16:52		
1.600	10151.053	16:56		
1.667	10015.957	17: 0		
1.733	10147.382	17: 4		
1.800	10360.304	17: 8		
1.867	10347.822	17:12		
1.933	10286.148	17:16		
2.000	10282.477	17:20		
2.067	10165.003	17:24		
2.133	9971.905	17:28		
2.200	10004.944	17:32		
2.267	9888.204	17:36		
2.333	10278.072	17:40		
2.400	9996.134	17:44		
2.467	9990.994	17:48		
2.533	9944.739	17:52		
2.600	9955.018	17:56		
2.667	9940.333	18: 0		
2.733	9946.207	18: 4		
2.800	9943.270	18: 8		
2.867	9907.294	18:12		
2.933	9875.723	18:16		
3.000	9778.806	18:20		

WORKING CHOKE TO CLEAR PLUG

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DST 1, RUN 1. GAUGE 0172, SENSING DEPTH 4282.65 M. (SECOND FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
3.067	9913.167	18:24	17- 4-82
3.133	9996.134	18:28	
3.200	9789.820	18:32	
3.267	9740.627	18:36	
3.333	9749.438	18:40	
3.400	9819.922	18:44	
3.467	10218.601	18:48	
3.533	10228.879	18:52	
3.600	10060.744	18:56	
3.667	9981.449	19: 0	
3.733	9932.991	19: 4	
3.800	9955.018	19: 8	
3.867	10029.173	19:12	
3.933	10013.755	19:16	
4.000	10088.645	19:20	
4.067	10091.581	19:24	
4.133	10072.492	19:28	
4.200	9977.044	19:32	
4.267	10047.529	19:36	
4.333	10245.032	19:40	
4.400	10022.565	19:44	
4.467	10075.429	19:48	
4.533	9991.728	19:52	
4.600	10090.847	19:56	
4.667	9962.360	20: 0	
4.733	10042.389	20: 4	
4.800	10180.421	20: 8	
4.867	10181.156	20:12	
4.933	10126.824	20:16	
5.000	10158.395	20:20	
5.067	10005.678	20:24	
5.133	9988.057	20:28	
5.200	10026.971	20:32	
5.267	10111.405	20:36	
5.333	10101.860	20:40	
5.400	10089.379	20:44	
5.467	10082.771	20:48	
5.533	10021.097	20:52	
5.600	10062.213	20:56	
5.667	10062.213	21: 0	
5.733	9919.775	21: 4	
5.800	9984.386	21: 8	
5.867	10163.534	21:12	
5.933	10112.874	21:16	
6.000	10968.967	21:20	
6.067	11110.671	21:24	
6.133	10770.729	21:28	

WORKING CHOKE TO CLEAR PLUG
(MAX. CHOKE SIZE 12/64")

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DST 1, RUN 1. GAUGE 0172, SENSING DEPTH 4282.65 M. (SECOND FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6.200	10584.239	21:32	17- 4-82
6.267	10476.310	21:36	
6.333	10455.752	21:40	
6.400	10516.691	21:44	
6.467	10548.263	21:48	
6.533	10595.986	21:52	
6.600	10062.947	21:56	
6.667	10140.774	22: 0	
6.733	10033.579	22: 4	
6.800	10029.173	22: 8	
6.867	10104.063	22:12	
6.933	10013.755	22:16	
7.000	10051.200	22:20	
7.067	10090.113	22:24	
7.133	9865.444	22:28	
7.200	9903.623	22:32	
7.267	9978.513	22:36	
7.333	9764.122	22:40	
7.400	10092.316	22:44	
7.467	9913.902	22:48	
7.533	9801.567	22:52	
7.600	9791.288	22:56	
7.667	9939.599	23: 0	
7.733	9983.652	23: 4	
7.800	9988.057	23: 8	
7.867	9946.941	23:12	
7.933	9950.612	23:16	
8.000	9967.499	23:20	
8.067	9957.220	23:24	
8.133	9927.852	23:28	
8.200	9919.775	23:32	
8.267	9901.420	23:36	
8.333	9894.078	23:40	
8.400	9869.849	23:44	
8.467	9875.723	23:48	
8.533	9850.025	23:52	
8.600	9853.696	23:56	
8.667	9921.244	0: 0	18- 4-82
8.733	9975.576	0: 4	
8.800	9935.928	0: 8	
8.867	9877.191	0:12	
8.933	9836.075	0:16	
9.000	9855.899	0:20	
9.067	9877.191	0:24	
9.133	9847.088	0:28	
9.200	9852.962	0:32	
9.267	9836.809	0:36	

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DST 1; RUN 1. GAUGE 0172; SENSING DEPTH 4282.65 M. (SECOND FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
9.333	9877.925	0:40	18- 4-82
9.400	9876.457	0:44	
9.467	9830.201	0:48	
9.533	9804.504	0:52	
9.600	9847.822	0:56	
9.667	9891.141	1: 0	
9.733	9863.241	1: 4	
9.800	9861.773	1: 8	
9.867	9847.822	1:12	
9.933	9877.191	1:16	
10.000	9868.380	1:20	
10.067	9883.799	1:24	
10.133	9833.138	1:28	
10.200	9822.859	1:32	
10.267	9836.075	1:36	
10.333	9796.427	1:40	
10.400	9789.820	1:44	
10.467	9747.235	1:48	
10.533	9883.799	1:52	
10.600	9744.298	1:56	
10.667	9764.122	2: 0	

END OF FLOW PERIOD

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DST 1, RUN 1. GAUGE 0172, SENSING DEPTH 4282.65 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	9764.122	2: 0	18- 4-82	CLOSE APR-N VALVE
0.067	10844.151	2: 4		WELL SHUT-IN AT CHOKE MANIFOLD
0.133	11270.176	2: 8		
0.200	11286.640	2:12		
0.267	11295.230	2:16		
0.333	11300.240	2:20		
0.400	11303.819	2:24		
0.467	11307.399	2:28		
0.533	11309.546	2:32		
0.600	11310.978	2:36		
0.667	11312.409	2:40		
0.733	11315.273	2:44		
0.800	11316.704	2:48		
0.867	11317.420	2:52		
0.933	11318.852	2:56		
1.000	11318.852	3: 0		
1.067	11319.568	3: 4		
1.133	11319.568	3: 8		
1.200	11319.568	3:12		
1.267	11320.283	3:16		
1.333	11319.568	3:20		
1.400	11320.283	3:24		
1.467	11320.283	3:28		
1.533	11320.283	3:32		
1.600	11319.568	3:36		
1.667	11320.283	3:40		
1.733	11320.283	3:44		
1.800	11319.568	3:48		
1.867	11320.283	3:52		
1.933	11320.283	3:56		
2.000	11319.568	4: 0		
2.067	11320.283	4: 4		
2.133	11320.283	4: 8		
2.200	11319.568	4:12		
2.267	11320.283	4:16		
2.333	11320.283	4:20		
2.400	11319.568	4:24		
2.467	11320.283	4:28		
2.533	11319.568	4:32		
2.600	11319.568	4:36		
2.667	11319.568	4:40		
2.733	11319.568	4:44		
2.800	11318.852	4:48		
2.867	11319.568	4:52		
2.933	11319.568	4:56		
3.000	11319.568	5: 0		

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DST 1, RUN 1, GAUGE 0172, SENSING DEPTH 4282.65 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
3.067	11319.568	5: 4	18- 4-82
3.133	11319.568	5: 8	
3.200	11319.568	5:12	
3.267	11319.568	5:16	
3.333	11319.568	5:20	
3.400	11318.852	5:24	
3.467	11320.283	5:28	
3.533	11319.568	5:32	
3.600	11318.852	5:36	
3.667	11319.568	5:40	
3.733	11319.568	5:44	
3.800	11320.283	5:48	
3.867	11320.283	5:52	
3.933	11319.568	5:56	
4.000	11320.283	6: 0	
4.067	11319.568	6: 4	
4.133	11319.568	6: 8	
4.200	11319.568	6:12	
4.267	11320.283	6:16	
4.333	11320.283	6:20	
4.400	11320.283	6:24	
4.467	11319.568	6:28	
4.533	11319.568	6:32	
4.600	11320.283	6:36	
4.667	11320.283	6:40	
4.733	11320.283	6:44	
4.800	11320.283	6:48	
4.867	11320.283	6:52	
4.933	11320.999	6:56	
5.000	11320.999	7: 0	
5.067	11320.999	7: 4	
5.133	11321.715	7: 8	
5.200	11322.431	7:12	
5.267	11321.715	7:16	
5.333	11321.715	7:20	
5.400	11321.715	7:24	
5.467	11321.715	7:28	
5.533	11321.715	7:32	
5.600	11322.431	7:36	
5.667	11323.147	7:40	
5.733	11322.431	7:44	
5.800	11322.431	7:48	
5.867	11323.147	7:52	
5.933	11323.147	7:56	
6.000	11323.147	8: 0	
6.067	11323.147	8: 4	
6.133	11323.862	8: .8	

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DST 1, RUN 1, GAUGE 0172, SENSING DEPTH 4282.65 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6.200	11323.862	8:12	18- 4-82
6.267	11323.147	8:16	
6.333	11323.862	8:20	
6.400	11323.862	8:24	
6.467	11324.578	8:28	
6.533	11323.862	8:32	
6.600	11323.862	8:36	
6.667	11324.578	8:40	
6.733	11324.578	8:44	
6.800	11323.862	8:48	
6.867	11324.578	8:52	
6.933	11323.862	8:56	
7.000	11324.578	9: 0	
7.067	11325.294	9: 4	
7.133	11325.294	9: 8	
7.200	11324.578	9:12	
7.267	11324.578	9:16	
7.333	11324.578	9:20	
7.400	11324.578	9:24	
7.467	11325.294	9:28	
7.533	11326.010	9:32	
7.600	11325.294	9:36	
7.667	11325.294	9:40	
7.733	11325.294	9:44	
7.800	11325.294	9:48	
7.867	11326.010	9:52	
7.933	11325.294	9:56	
8.000	11326.010	10: 0	
8.067	11326.010	10: 4	
8.133	11326.010	10: 8	
8.200	11326.010	10:12	
8.267	11326.010	10:16	
8.333	11326.726	10:20	
8.400	11326.010	10:24	
8.467	11326.010	10:28	
8.533	11325.294	10:32	
8.600	11326.010	10:36	
8.667	11325.294	10:40	
8.733	11325.294	10:44	
8.800	11325.294	10:48	
8.867	11325.294	10:52	
8.933	11325.294	10:56	
9.000	11325.294	11: 0	
9.067	11325.294	11: 4	
9.133	11325.294	11: 8	
9.200	11325.294	11:12	
9.267	11325.294	11:16	

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DST 1, RUN 1, GAUGE 0172, SENSING DEPTH 4282.65 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
9.333	11324.578	11:20	18- 4-82
9.400	11325.294	11:24	
9.467	11324.578	11:28	
9.533	11324.578	11:32	
9.600	11324.578	11:36	
9.667	11323.147	11:40	
9.733	11323.862	11:44	
9.800	11323.862	11:48	
9.867	11323.862	11:52	
9.933	11323.147	11:56	
10.000	11323.862	12: 0	
10.067	11324.578	12: 4	
10.133	11323.862	12: 8	
10.200	11323.862	12:12	
10.267	11324.578	12:16	
10.333	11324.578	12:20	
10.400	11324.578	12:24	
10.467	11324.578	12:28	
10.533	11324.578	12:32	
10.600	11324.578	12:36	
10.667	11323.862	12:40	
10.733	11323.862	12:44	
10.800	11324.578	12:48	
10.867	11325.294	12:52	
10.933	11324.578	12:56	
11.000	11323.862	13: 0	
11.067	11323.862	13: 4	
11.133	11323.862	13: 8	
11.200	11324.578	13:12	
11.267	11324.578	13:16	
11.333	11324.578	13:20	
11.400	11324.578	13:24	
11.467	11324.578	13:28	
11.533	11324.578	13:32	
11.600	11324.578	13:36	
11.667	11324.578	13:40	
11.733	11324.578	13:44	
11.800	11325.294	13:48	
11.867	11325.294	13:52	
11.933	11325.294	13:56	
12.000	11325.294	14: 0	
12.067	11325.294	14: 4	
12.133	11324.578	14: 8	
12.200	11325.294	14:12	
12.267	11325.294	14:16	
12.333	11324.578	14:20	
12.400	11324.578	14:24	

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DST 1, RUN 1. GAUGE 0172, SENSING DEPTH 4282.65 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
12.467	11324.578	14:28	18- 4-82
12.533	11324.578	14:32	
12.600	11324.578	14:36	
12.667	11325.294	14:40	
12.733	11325.294	14:44	
12.800	11326.010	14:48	
12.867	11326.010	14:52	
12.933	11325.294	14:56	
13.000	11326.010	15: 0	
13.067	11326.010	15: 4	
13.133	11326.010	15: 8	
13.200	11326.010	15:12	
13.267	11325.294	15:16	
13.333	11326.726	15:20	

END OF BUILD-UP PERIOD

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SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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BRITISH PETROLEUM
ILDCAT
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OFFSHORE NORWAY
15 APRIL 1982
MRPG-1202-NDR

DST 1; RUN 1. GAUGE 0172; SENSING DEPTH 4282.65 M. (POST-TEST PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	11326.726	15:20	18- 4-82	ATTEMPT TO OPEN APR-M VALVE
0.067	11692.510	15:24		
0.133	11376.117	15:28		
0.200	11376.833	15:32		
0.267	11349.632	15:36		
0.333	11336.747	15:40		
0.400	11367.527	15:44		
0.467	10552.208	15:48		
0.533	10726.153	15:52		
0.600	11293.082	15:56		
0.667	11322.431	16: 0		
0.733	11323.862	16: 4		
0.800	11324.578	16: 8		ATTEMPT TO OPEN RTTS VALVE
0.867	11323.147	16:12		
0.933	11318.136	16:16		
1.000	11318.852	16:20		
1.067	11335.316	16:24		
1.133	11350.348	16:28		ATTEMPT TO OPEN APR-M VALVE
1.200	11330.305	16:32		
1.267	11330.305	16:36		
1.333	11331.021	16:40		
1.400	11331.021	16:44		
1.467	11330.305	16:48		
1.533	11331.021	16:52		
1.600	11331.021	16:56		
1.667	11331.736	17: 0		
1.733	11331.021	17: 4		
1.800	11331.021	17: 8		
1.867	11331.021	17:12		
1.933	11330.305	17:16		
2.000	11331.021	17:20		
2.067	11330.305	17:24		
2.133	11330.305	17:28		
2.200	11104.106	17:32		
2.267	11320.283	17:36		
2.333	11273.755	17:40		REVERSE-OUT ON 16/64" CHOKE
2.400	11464.163	17:44		
2.467	11520.713	17:48		
2.533	11546.482	17:52		
2.600	11570.105	17:56		
2.667	11589.432	18: 0		
2.733	11596.590	18: 4		
2.800	11596.590	18: 8		
2.867	11614.485	18:12		
2.933	12721.143	18:16		
3.000	12374.686	18:20		

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SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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OFFSHORE NORWAY
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DST 1, RUN 1. GAUGE 0172, SENSING DEPTH 4282.65 M. (POST-TEST PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
3.067	12615.202	18:24	18- 4-82
3.133	12332.453	18:28	
3.200	12429.089	18:32	
3.267	12630.234	18:36	
3.333	12513.555	18:40	
3.400	12344.622	18:44	
3.467	12263.018	18:48	
3.533	12255.144	18:52	
3.600	12237.249	18:56	
3.667	11853.569	19: 0	
3.733	11799.883	19: 4	
3.800	11770.534	19: 8	
3.867	11752.639	19:12	
3.933	12449.132	19:16	
4.000	12501.386	19:20	
4.067	12446.984	19:24	
4.133	12426.941	19:28	
4.200	12491.365	19:32	
4.267	12416.920	19:36	
4.333	12400.456	19:40	
4.400	12396.161	19:44	
4.467	12452.711	19:48	
4.533	12465.595	19:52	
4.600	12441.257	19:56	
4.667	12423.362	20: 0	
4.733	12419.067	20: 4	
4.800	12418.351	20: 8	
4.867	12416.204	20:12	
4.933	12391.866	20:16	
5.000	12380.413	20:20	
5.067	12363.233	20:24	
5.133	12348.917	20:28	
5.200	12504.965	20:32	
5.267	12500.671	20:36	
5.333	12147.771	20:40	
5.400	11833.526	20:44	
5.467	11555.788	20:48	
5.533	11697.520	20:52	
5.600	11978.122	20:56	
5.667	11855.717	21: 0	
5.733	11820.642	21: 4	
5.800	11799.883	21: 8	
5.867	11781.987	21:12	
5.933	11729.017	21:16	
6.000	11698.236	21:20	
6.067	11744.765	21:24	
6.133	11735.459	21:28	

PULL PACKER
(FINAL HYDROSTATIC?)

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SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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BRITISH PETROLEUM
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DST 1; RUN 1. GAUGE 0172; SENSING DEPTH 4282.65 M. (POST-TEST PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6.200	11727.585	21:32	18- 4-82
6.267	11718.995	21:36	
6.333	11566.525	21:40	
6.400	11482.059	21:44	
6.467	11441.973	21:48	
6.533	11733.311	21:52	
6.600	11719.711	21:56	
6.667	11703.247	22: 0	
6.733	12078.337	22: 4	
6.800	11671.751	22: 8	
6.867	11653.855	22:12	
6.933	11649.561	22:16	
7.000	11648.129	22:20	
7.067	11658.866	22:24	
7.133	11696.089	22:28	
7.200	11723.290	22:32	
7.267	11701.815	22:36	
7.333	11814.199	22:40	
7.400	12103.390	22:44	
7.467	11588.716	22:48	
7.533	11938.752	22:52	
7.600	11665.309	22:56	
7.667	11604.464	23: 0	
7.733	11590.147	23: 4	
7.800	11791.293	23: 8	
7.867	12066.884	23:12	
7.933	12077.621	23:16	
8.000	11992.438	23:20	
8.067	11951.637	23:24	
8.133	11943.047	23:28	
8.200	11923.004	23:32	
8.267	11847.127	23:36	
8.333	11860.012	23:40	
8.400	11872.181	23:44	
8.467	11883.634	23:48	
8.533	11887.213	23:52	
8.600	12046.841	23:56	
8.667	11957.363	0: 0	19- 4-82
8.733	11938.036	0: 4	
8.800	11956.647	0: 8	
8.867	11991.723	0:12	
8.933	11892.224	0:16	
9.000	11900.098	0:20	
9.067	11565.810	0:24	
9.133	11829.947	0:28	

RESET PACKER

COMMENCE POOH

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ID .. 100561 ..



PRESSURE TEST DATA SUMMARY

COMPANY: BRITISH PETROLEUM DEVELOPMENT LTD. NORWAY DATE: 15 APRIL 1982
 FIELD: WILDCAT WELL NO: 29/6-1 JOB NO: MRPG-1202(B)-NOR
 TEST TYPE: FLOW/BUILD-UP TEST NO: DST NO: 1 RUN NO: 1 MAX B.H.T. 305 °F
 PERFORATION INTERVAL: 4287 - 4301 METRES ZONE: BRENT FORMATION

	TOP	MIDDLE	BOTTOM
GAUGE TYPE/NO.	MRPG/0172	MRPG/0190	MRPG/0138
PRESSURE SENSING DEPTH	4282.65 m BRT	4285.66 m BRT	4288.64 m BRT
ELEMENT SIZE	15 K	15 K	15 K
TIME MODE	4 MINUTES	4 MINUTES	2 MINUTES
BATTERY TYPE	SILVER OXIDE	SILVER OXIDE	SILVER OXIDE

EVENT	SURFACE TIMES & DATES		TEMP.	°F
GAUGE START TIMES -				
0172	12:18	15.04.82		
0190	12:20	"		
0138	12:21	"		
GAUGES IN STRING, R.I.H.	14:13	"		
AT PACKER SETTING DEPTH	02:30	17.04.82		292
SET PACKER (AT 4262.71 m BRT)	11:45	"		294
ATTEMPT TO OPEN APR-N VALVE	12:20	"		294
APR-N OPEN (32/64" CHOKE)	14:42	"		294
WELL SHUT-IN FOR BUILD-UP	14:47	"		295
WELL OPENED ON 08/64" ADJ. CHOKE	15:21	"		296
WORKING CHOKE TO CLEAR PLUG	17:50	"		299
" " (MAX. CHOKE SIZE				
12/64")	18:50	"		301
CLOSE APR-N VALVE	02:03	18.04.82		304
SHUT-IN AT CHOKE MANIFOLD	02:04	"		304
ATTEMPT TO OPEN APR-M VALVE	15:19	"		299
ATTEMPT TO OPEN RTTS VALVE	16:07	"		300
ATTEMPT TO OPEN APR-M VALVE	16:27	"		300
REVERSE OUT ON 16/64" CHOKE	17:41	"		300
PULL PACKER (FINAL HYDROSTATIC)	20:52	"		299
RESET PACKER	23:07	"		297
POOH	00:30	19.04.82		296
GAUGES OUT OF STRING	14:30	"		296

NOTE: GAUGE 0138 WORKED FOR FIRST 30 HRS, AND THEN STARTED AGAIN ON PULLING OUT OF HOLE.
 GAUGE 0172 TEMPERATURE SENSOR FAILED AFTER 66.66 HOURS IN HOLE.

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

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

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FERRY-SUN INTERNATIONAL INC.
HYDRAULIC RECORDING PRESSURE GAUGE REPORT

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BRITISH PETROLEUM
WILDCAT
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OFFSHORE NORWAY
15 APRIL 1982
MRPG-1202-NOR

DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (PRE-TEST PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	12826.109	11:46	17- 4-82	SET PACKER AT 11:45
0.067	12750.637	11:50		
0.133	12748.460	11:54		
0.200	12709.998	11:58		
0.267	12697.662	12: 2		
0.333	12678.794	12: 6		
0.400	12751.363	12:10		
0.467	12789.099	12:14		
0.533	12771.682	12:18		
0.600	12888.518	12:22		ATTEMPT TO OPEN APR-N VALVE
0.667	12874.004	12:26		
0.733	13426.254	12:30		
0.800	13631.624	12:34		
0.867	13626.544	12:38		
0.933	13572.843	12:42		
1.000	13032.930	12:46		
1.067	12946.573	12:50		
1.133	13215.804	12:54		
1.200	13200.564	12:58		
1.267	13139.607	13: 2		
1.333	13083.003	13: 6		
1.400	12889.244	13:10		
1.467	12829.737	13:14		
1.533	12790.550	13:18		
1.600	12744.832	13:22		
1.667	12831.189	13:26		
1.733	12809.418	13:30		
1.800	12747.734	13:34		
1.867	12708.547	13:38		
1.933	12668.634	13:42		
2.000	12632.350	13:46		
2.067	12596.791	13:50		
2.133	12543.090	13:54		
2.200	12561.958	13:58		
2.267	12573.569	14: 2		
2.333	12582.277	14: 6		
2.400	12598.242	14:10		
2.467	12590.260	14:14		
2.533	12556.878	14:18		
2.600	12514.062	14:22		
2.667	12399.403	14:26		
2.733	12381.987	14:30		
2.800	11317.400	14:34		
2.867	11333.366	14:38		OPEN APR-N VALVE

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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (INITIAL FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	11333.366	14:38	17- 4-82	OPEN APR-N VALVE
0.067	10823.932	14:42		BLEED-OFF TUBING ON 32/64"
0.133	9841.348	14:46		END OF INITIAL FLOW PERIOD

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SPERRY-SUN INTERNATIONAL INC.
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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (INITIAL BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	9841.348	14:46	17- 4-82	WELL SHUT-IN FOR BUILD-UP
0.067	11305.064	14:50		
0.133	11322.480	14:54		
0.200	11326.109	14:58		
0.267	11329.012	15: 2		
0.333	11329.012	15: 6		
0.400	11329.012	15:10		
0.467	11329.737	15:14		
0.533	11330.463	15:18		END OF INITIAL BUILD-UP PERIOD

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 ELECTRONIC RECORDING PRESSURE GAUGE REPORT

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BRITISH PETROLEUM
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DST 1, RUN 1, GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	11330.463	15:19	17- 4-82	WELL OPENED TO FLOW
0.067	10331.914	15:22		ON 08/64" ADJ. CHOKE
0.133	10313.772	15:26		
0.200	10821.029	15:30		
0.267	10749.186	15:34		
0.333	10945.122	15:38		
0.400	10913.917	15:42		
0.467	10943.670	15:46		
0.533	10964.715	15:50		
0.600	11013.337	15:54		
0.667	11016.239	15:58		
0.733	11009.708	16: 2		
0.800	10897.226	16: 6		
0.867	10761.522	16:10		
0.933	10672.263	16:14		
1.000	10503.177	16:18		
1.067	10485.035	16:22		
1.133	10489.389	16:26		
1.200	10446.573	16:30		
1.267	10348.605	16:34		
1.333	10324.657	16:38		
1.400	10228.866	16:42		
1.467	10195.485	16:46		
1.533	10091.711	16:50		
1.600	10112.030	16:54		
1.667	10062.684	16:58		
1.733	9989.389	17: 2		
1.800	10125.819	17: 6		
1.867	10515.514	17:10		
1.933	10287.647	17:14		
2.000	10233.221	17:18		
2.067	10201.290	17:22		
2.133	10029.302	17:26		
2.200	9959.636	17:30		
2.267	9900.129	17:34		
2.333	10301.435	17:38		
2.400	10134.527	17:42		
2.467	9879.810	17:46		
2.533	9900.129	17:50		WORKING CHOKE TO CLEAR PLUG
2.600	9913.917	17:54		
2.667	9932.785	17:58		
2.733	9948.025	18: 2		
2.800	9953.104	18: 6		
2.867	9985.035	18:10		
2.933	9874.730	18:14		
3.000	9874.730	18:18		

BRITISH PETROLEUM
WILDCAT
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DST 1; RUN 1. GAUGE 0190; SENSING DEPTH 4285.66 M. (SECOND FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
3.067	9744.283	18:22	17- 4-82
3.133	10131.624	18:26	
3.200	9849.331	18:30	
3.267	9718.707	18:34	
3.333	9724.512	18:38	
3.400	9723.787	18:42	
3.467	10158.475	18:46	
3.533	9865.296	18:50	
3.600	9889.244	18:54	
3.667	9952.379	18:58	
3.733	9942.219	19: 2	
3.800	10049.621	19: 6	
3.867	9860.942	19:10	
3.933	10016.965	19:14	
4.000	10102.596	19:18	
4.067	10055.427	19:22	
4.133	10061.958	19:26	
4.200	9961.813	19:30	
4.267	10011.160	19:34	
4.333	10066.312	19:38	
4.400	9874.004	19:42	
4.467	10086.631	19:46	
4.533	9908.112	19:50	
4.600	10059.781	19:54	
4.667	9996.646	19:58	
4.733	9985.035	20: 2	
4.800	10056.152	20: 6	
4.867	10202.742	20:10	
4.933	10157.023	20:14	
5.000	9970.521	20:18	
5.067	10204.919	20:22	
5.133	10000.274	20:26	
5.200	10005.354	20:30	
5.267	10096.791	20:34	
5.333	10010.434	20:38	
5.400	10104.774	20:42	
5.467	10077.923	20:46	
5.533	10008.983	20:50	
5.600	10006.805	20:54	
5.667	10040.913	20:58	
5.733	10053.250	21: 2	
5.800	9886.341	21: 6	
5.867	10146.863	21:10	
5.933	9987.938	21:14	
6.000	10135.252	21:18	
6.067	11097.517	21:22	
6.133	10757.168	21:26	

WORKING CHOKE TO CLEAR PLUG
(MAX. CHOKE SIZE 12/64")

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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6.200	10658.475	21:30	17- 4-82
6.267	10493.017	21:34	
6.333	10437.865	21:38	
6.400	10432.785	21:42	
6.467	10527.850	21:46	
6.533	10604.774	21:50	
6.600	10597.517	21:54	
6.667	10064.861	21:58	
6.733	9930.608	22: 2	
6.800	10106.225	22: 6	
6.867	10066.312	22:10	
6.933	10004.628	22:14	
7.000	10010.434	22:18	
7.067	10051.798	22:22	
7.133	9881.261	22:26	
7.200	9800.710	22:30	
7.267	9908.837	22:34	
7.333	9799.984	22:38	
7.400	9785.470	22:42	
7.467	9877.633	22:46	
7.533	9950.927	22:50	
7.600	9889.244	22:54	
7.667	9854.411	22:58	
7.733	9915.369	23: 2	
7.800	9978.504	23: 6	
7.867	9965.441	23:10	
7.933	9900.855	23:14	
8.000	9963.990	23:18	
8.067	9902.306	23:22	
8.133	9907.386	23:26	
8.200	9923.351	23:30	
8.267	9905.209	23:34	
8.333	9846.428	23:38	
8.400	9858.765	23:42	
8.467	9721.610	23:46	
8.533	9838.446	23:50	
8.600	9839.171	23:54	
8.667	9874.004	23:58	
8.733	9918.271	0: 2	18- 4-82
8.800	9956.007	0: 6	
8.867	9871.827	0:10	
8.933	9834.817	0:14	
9.000	9836.268	0:18	
9.067	9821.029	0:22	
9.133	9846.428	0:26	
9.200	9817.401	0:30	
9.267	9825.383	0:34	

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

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DST 1, RUN 1, GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
9.333	9847.154	0:38	18- 4-82
9.400	9847.154	0:42	
9.467	9815.223	0:46	
9.533	9792.001	0:50	
9.600	9801.435	0:54	
9.667	9836.268	0:58	
9.733	9871.102	1: 2	
9.800	9828.286	1: 6	
9.867	9840.623	1:10	
9.933	9852.234	1:14	
10.000	9854.411	1:18	
10.067	9844.977	1:22	
10.133	9836.994	1:26	
10.200	9815.223	1:30	
10.267	9786.196	1:34	
10.333	9782.567	1:38	
10.400	9752.088	1:42	
10.467	9733.221	1:46	
10.533	9781.842	1:50	
10.600	9702.016	1:54	
10.667	9731.769	1:58	
10.733	9675.165	2: 2	END OF FLOW PERIOD

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

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BRITISH PETROLEUM
WILDCAT
29/6-1

OFFSHORE NORWAY
15 APRIL 1982
MRPG-1202-NOR

DST 1, RUN 1, GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	9675.165	2: 2	18- 4-82	CLOSE APR-N VALVE
0.067	11237.575	2: 6		WELL SHUT-IN AT CHOKE
0.133	11273.133	2:10		
0.200	11284.019	2:14		
0.267	11291.276	2:18		
0.333	11295.630	2:22		
0.400	11299.258	2:26		
0.467	11304.338	2:30		
0.533	11305.064	2:34		
0.600	11306.515	2:38		
0.667	11309.418	2:42		
0.733	11311.595	2:46		
0.800	11313.772	2:50		
0.867	11313.046	2:54		
0.933	11314.498	2:58		
1.000	11313.772	3: 2		
1.067	11313.772	3: 6		
1.133	11313.772	3:10		
1.200	11315.223	3:14		
1.267	11315.223	3:18		
1.333	11314.498	3:22		
1.400	11315.223	3:26		
1.467	11314.498	3:30		
1.533	11315.949	3:34		
1.600	11315.949	3:38		
1.667	11315.949	3:42		
1.733	11315.949	3:46		
1.800	11316.675	3:50		
1.867	11315.949	3:54		
1.933	11316.675	3:58		
2.000	11318.126	4: 2		
2.067	11318.126	4: 6		
2.133	11317.400	4:10		
2.200	11318.852	4:14		
2.267	11318.126	4:18		
2.333	11318.852	4:22		
2.400	11318.126	4:26		
2.467	11318.126	4:30		
2.533	11318.852	4:34		
2.600	11320.303	4:38		
2.667	11319.578	4:42		
2.733	11319.578	4:46		
2.800	11319.578	4:50		
2.867	11320.303	4:54		
2.933	11320.303	4:58		
3.000	11321.029	5: 2		

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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
3.067	11320.303	5: 6	18- 4-82
3.133	11319.578	5:10	
3.200	11319.578	5:14	
3.267	11319.578	5:18	
3.333	11319.578	5:22	
3.400	11320.303	5:26	
3.467	11318.852	5:30	
3.533	11318.852	5:34	
3.600	11318.852	5:38	
3.667	11319.578	5:42	
3.733	11318.852	5:46	
3.800	11318.852	5:50	
3.867	11318.852	5:54	
3.933	11318.126	5:58	
4.000	11319.578	6: 2	
4.067	11319.578	6: 6	
4.133	11319.578	6:10	
4.200	11320.303	6:14	
4.267	11321.029	6:18	
4.333	11321.029	6:22	
4.400	11321.755	6:26	
4.467	11321.755	6:30	
4.533	11322.480	6:34	
4.600	11321.029	6:38	
4.667	11321.755	6:42	
4.733	11321.755	6:46	
4.800	11321.029	6:50	
4.867	11321.029	6:54	
4.933	11321.755	6:58	
5.000	11321.029	7: 2	
5.067	11321.029	7: 6	
5.133	11321.029	7:10	
5.200	11320.303	7:14	
5.267	11320.303	7:18	
5.333	11320.303	7:22	
5.400	11320.303	7:26	
5.467	11321.029	7:30	
5.533	11320.303	7:34	
5.600	11320.303	7:38	
5.667	11320.303	7:42	
5.733	11320.303	7:46	
5.800	11320.303	7:50	
5.867	11320.303	7:54	
5.933	11320.303	7:58	
6.000	11319.578	8: 2	
6.067	11319.578	8: 6	
6.133	11320.303	8:10	

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OFFSHORE NORWAY
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DST 1; RUN 1. GAUGE 0190; SENSING DEPTH 4285.66 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6.200	11321.029	8:14	18- 4-82
6.267	11321.755	8:18	
6.333	11321.755	8:22	
6.400	11321.755	8:26	
6.467	11321.029	8:30	
6.533	11321.755	8:34	
6.600	11322.480	8:38	
6.667	11323.206	8:42	
6.733	11322.480	8:46	
6.800	11322.480	8:50	
6.867	11322.480	8:54	
6.933	11321.755	8:58	
7.000	11321.755	9: 2	
7.067	11322.480	9: 6	
7.133	11321.755	9:10	
7.200	11321.755	9:14	
7.267	11321.755	9:18	
7.333	11321.029	9:22	
7.400	11321.755	9:26	
7.467	11321.029	9:30	
7.533	11321.029	9:34	
7.600	11321.029	9:38	
7.667	11321.029	9:42	
7.733	11321.029	9:46	
7.800	11321.029	9:50	
7.867	11320.303	9:54	
7.933	11320.303	9:58	
8.000	11321.029	10: 2	
8.067	11321.029	10: 6	
8.133	11321.029	10:10	
8.200	11320.303	10:14	
8.267	11321.029	10:18	
8.333	11321.029	10:22	
8.400	11320.303	10:26	
8.467	11320.303	10:30	
8.533	11320.303	10:34	
8.600	11319.578	10:38	
8.667	11320.303	10:42	
8.733	11321.029	10:46	
8.800	11322.480	10:50	
8.867	11322.480	10:54	
8.933	11321.755	10:58	
9.000	11322.480	11: 2	
9.067	11322.480	11: 6	
9.133	11322.480	11:10	
9.200	11321.755	11:14	
9.267	11322.480	11:18	

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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
9.333	11322.480	11:22	18- 4-82
9.400	11322.480	11:26	
9.467	11321.755	11:30	
9.533	11322.480	11:34	
9.600	11322.480	11:38	
9.667	11321.755	11:42	
9.733	11321.755	11:46	
9.800	11321.755	11:50	
9.867	11321.029	11:54	
9.933	11321.029	11:58	
10.000	11321.029	12: 2	
10.067	11320.303	12: 6	
10.133	11320.303	12:10	
10.200	11321.029	12:14	
10.267	11320.303	12:18	
10.333	11320.303	12:22	
10.400	11320.303	12:26	
10.467	11320.303	12:30	
10.533	11320.303	12:34	
10.600	11319.578	12:38	
10.667	11321.029	12:42	
10.733	11321.029	12:46	
10.800	11321.755	12:50	
10.867	11321.755	12:54	
10.933	11321.755	12:58	
11.000	11321.755	13: 2	
11.067	11321.029	13: 6	
11.133	11321.755	13:10	
11.200	11321.029	13:14	
11.267	11322.480	13:18	
11.333	11321.755	13:22	
11.400	11321.755	13:26	
11.467	11321.755	13:30	
11.533	11322.480	13:34	
11.600	11321.755	13:38	
11.667	11321.029	13:42	
11.733	11321.755	13:46	
11.800	11321.029	13:50	
11.867	11320.303	13:54	
11.933	11320.303	13:58	
12.000	11320.303	14: 2	
12.067	11320.303	14: 6	
12.133	11320.303	14:10	
12.200	11319.578	14:14	
12.267	11318.852	14:18	
12.333	11319.578	14:22	
12.400	11320.303	14:26	

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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
12.467	11319.578	14:30	19- 4-82
12.533	11319.578	14:34	
12.600	11319.578	14:38	
12.667	11318.852	14:42	
12.733	11319.578	14:46	
12.800	11319.578	14:50	
12.867	11319.578	14:54	
12.933	11319.578	14:58	
13.000	11320.303	15: 2	
13.067	11319.578	15: 6	
13.133	11320.303	15:10	
13.200	11320.303	15:14	
13.267	11322.480	15:18	
13.333	11321.755	15:22	

END OF BUILD-UP PERIOD

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DST 1; RUN 1. GAUGE 0190; SENSING DEPTH 4285.66 M. (POST-TEST PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	11321.755	15:22	18- 4-82	ATTEMPT TO OPEN APR-M VALVE
0.067	11394.324	15:26		
0.133	11304.338	15:30		
0.200	11344.251	15:34		
0.267	11342.074	15:38		
0.333	11343.525	15:42		
0.400	11342.800	15:46		
0.467	11223.061	15:50		
0.533	10736.849	15:54		
0.600	11307.967	15:58		
0.667	11314.498	16: 2		
0.733	11320.303	16: 6		ATTEMPT TO OPEN RTTS VALVE
0.800	11322.480	16:10		
0.867	11314.498	16:14		
0.933	11312.321	16:18		
1.000	11408.112	16:22		
1.067	11398.678	16:26		ATTEMPT TO OPEN APR-M VALVE
1.133	11274.585	16:30		
1.200	11321.755	16:34		
1.267	11323.206	16:38		
1.333	11323.206	16:42		
1.400	11323.206	16:46		
1.467	11322.480	16:50		
1.533	11322.480	16:54		
1.600	11322.480	16:58		
1.667	11321.755	17: 2		
1.733	11322.480	17: 6		
1.800	11321.755	17:10		
1.867	11321.755	17:14		
1.933	11322.480	17:18		
2.000	11321.029	17:22		
2.067	11321.029	17:26		
2.133	11323.206	17:30		
2.200	11267.328	17:34		
2.267	11318.852	17:38		
2.333	11321.029	17:42		REVERSE-OUT ON 16/64" CHOKE
2.400	11491.566	17:46		
2.467	11541.639	17:50		
2.533	11563.409	17:54		
2.600	11577.197	17:58		
2.667	11600.419	18: 2		
2.733	11601.871	18: 6		
2.800	11598.968	18:10		
2.867	12257.168	18:14		
2.933	12417.546	18:18		
3.000	12482.132	18:22		

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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (POST-TEST PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
3.067	12656.297	18:26	18- 4-82
3.133	12456.733	18:30	
3.200	12535.833	18:34	
3.267	12744.106	18:38	
3.333	12664.280	18:42	
3.400	12290.550	18:46	
3.467	12274.585	18:50	
3.533	12264.425	18:54	
3.600	12255.717	18:58	
3.667	11826.109	19: 2	
3.733	11786.922	19: 6	
3.800	11770.956	19:10	
3.867	12553.975	19:14	
3.933	12548.895	19:18	
4.000	12469.795	19:22	
4.067	12463.264	19:26	
4.133	12433.511	19:30	
4.200	12448.025	19:34	
4.267	12415.369	19:38	
4.333	12410.289	19:42	
4.400	12457.459	19:46	
4.467	12491.566	19:50	
4.533	12485.035	19:54	
4.600	12457.459	19:58	
4.667	12443.670	20: 2	
4.733	12441.493	20: 6	
4.800	12432.059	20:10	
4.867	12422.625	20:14	
4.933	12403.758	20:18	
5.000	12391.421	20:22	
5.067	12374.730	20:26	
5.133	12511.885	20:30	
5.200	12527.850	20:34	
5.267	12505.354	20:38	
5.333	11887.792	20:42	
5.400	11805.789	20:46	
5.467	11574.295	20:50	
5.533	12022.045	20:54	
5.600	11903.758	20:58	
5.667	11844.251	21: 2	
5.733	11821.755	21: 6	
5.800	11796.356	21:10	
5.867	11775.311	21:14	
5.933	11647.589	21:18	
6.000	11763.699	21:22	
6.067	11744.832	21:26	
6.133	11741.203	21:30	

PULL PACKER
(FINAL HYDROSTATIC?)

BRITISH PETROLEUM
WILDCAT
29/6-1OFFSHORE NORWAY
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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (POST-TEST PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6.200	11728.141	21:34	18- 4-82
6.267	11651.943	21:38	
6.333	11512.611	21:42	
6.400	11453.830	21:46	
6.467	11422.625	21:50	
6.533	11741.203	21:54	
6.600	11718.707	21:58	
6.667	11563.409	22: 2	
6.733	11696.210	22: 6	
6.800	11673.714	22:10	
6.867	11656.297	22:14	
6.933	11657.023	22:18	
7.000	11662.829	22:22	
7.067	11667.183	22:26	
7.133	11817.400	22:30	
7.200	11730.318	22:34	
7.267	12090.260	22:38	
7.333	11604.048	22:42	
7.400	11628.721	22:46	
7.467	11990.115	22:50	
7.533	11680.245	22:54	
7.600	11654.846	22:58	
7.667	11605.499	23: 2	
7.733	11928.431	23: 6	RESET PACKER
7.800	11806.515	23:10	
7.867	12160.652	23:14	
7.933	12038.010	23:18	
8.000	11973.424	23:22	
8.067	11941.493	23:26	
8.133	11932.785	23:30	
8.200	11920.448	23:34	
8.267	11869.650	23:38	
8.333	11879.810	23:42	
8.400	11903.032	23:46	
8.467	11906.660	23:50	
8.533	11885.615	23:54	
8.600	11986.486	23:58	
8.667	12052.524	0: 2	19- 4-82
8.733	11925.528	0: 6	
8.800	11898.678	0:10	
8.867	11878.358	0:14	
8.933	11926.980	0:18	
9.000	11938.591	0:22	
9.067	11798.533	0:26	
9.133	11848.605	0:30	COMMENCE POOH

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WILDCAT
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DST 1; RUN 1. GAUGE 0190; SENSING DEPTH 4285.66 M. (PRE-TEST PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE	
0.000	294.3	11:46	17- 4-82	SET PACKER AT 11:45
0.067	294.3	11:50		
0.133	294.3	11:54		
0.200	294.3	11:58		
0.267	294.3	12: 2		
0.333	294.3	12: 6		
0.400	294.3	12:10		
0.467	294.3	12:14		
0.533	294.3	12:18		
0.600	294.3	12:22		ATTEMPT TO OPEN APR-N VALVE
0.667	294.3	12:26		
0.733	294.3	12:30		
0.800	295.0	12:34		
0.867	295.0	12:38		
0.933	295.0	12:42		
1.000	294.3	12:46		
1.067	294.3	12:50		
1.133	294.3	12:54		
1.200	294.3	12:58		
1.267	294.3	13: 2		
1.333	294.3	13: 6		
1.400	294.3	13:10		
1.467	294.3	13:14		
1.533	294.3	13:18		
1.600	294.3	13:22		
1.667	294.3	13:26		
1.733	294.3	13:30		
1.800	294.3	13:34		
1.867	294.3	13:38		
1.933	294.3	13:42		
2.000	294.3	13:46		
2.067	294.3	13:50		
2.133	294.3	13:54		
2.200	294.3	13:58		
2.267	294.3	14: 2		
2.333	294.3	14: 6		
2.400	294.3	14:10		
2.467	295.0	14:14		
2.533	295.0	14:18		
2.600	295.0	14:22		
2.667	294.3	14:26		
2.733	295.0	14:30		
2.800	294.3	14:34		
2.867	294.3	14:38		OPEN APR-N VALVE

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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (INITIAL FLOW PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE	
0.000	294.3	14:38	17- 4-82	OPEN APR-N VALVE
0.067	294.3	14:42		BLEED-OFF TUBING ON 32/64"
0.133	294.3	14:46		END OF INITIAL FLOW PERIOD

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DST 1; RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (INITIAL BUILD-UP PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE	
0.000	294.3	14:46	17- 4-82	WELL SHUT-IN FOR BUILD-UP
0.067	295.0	14:50		
0.133	295.7	14:54		
0.200	295.7	14:58		
0.267	295.7	15: 2		
0.333	295.7	15: 6		
0.400	295.7	15:10		
0.467	295.7	15:14		
0.533	295.7	15:18		END OF INITIAL BUILD-UP PERIOD

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DST 1, RUN 1, GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND FLOW PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE	
0.000	295.7	15:18	17- 4-82	WELL OPENED TO FLOW
0.067	295.7	15:22		ON 08/64" ADJ. CHOKE
0.133	295.7	15:26		
0.200	296.4	15:30		
0.267	296.4	15:34		
0.333	296.4	15:38		
0.400	296.4	15:42		
0.467	296.4	15:46		
0.533	296.4	15:50		
0.600	296.4	15:54		
0.667	296.4	15:58		
0.733	296.4	16: 2		
0.800	296.4	16: 6		
0.867	296.4	16:10		
0.933	296.4	16:14		
1.000	296.4	16:18		
1.067	297.2	16:22		
1.133	297.2	16:26		
1.200	297.2	16:30		
1.267	297.2	16:34		
1.333	297.9	16:38		
1.400	297.9	16:42		
1.467	297.9	16:46		
1.533	297.9	16:50		
1.600	298.6	16:54		
1.667	298.6	16:58		
1.733	298.6	17: 2		
1.800	298.6	17: 6		
1.867	299.3	17:10		
1.933	298.6	17:14		
2.000	298.6	17:18		
2.067	298.6	17:22		
2.133	298.6	17:26		
2.200	298.6	17:30		
2.267	299.3	17:34		
2.333	299.3	17:38		
2.400	299.3	17:42		
2.467	299.3	17:46		
2.533	299.3	17:50		WORKING CHOKE TO CLEAR PLUG
2.600	299.3	17:54		
2.667	299.3	17:58		
2.733	299.3	18: 2		
2.800	300.0	18: 6		
2.867	300.0	18:10		
2.933	300.0	18:14		
3.000	300.0	18:18		

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

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BRITISH PETROLEUM
WILDCAT
2976-1

OFFSHORE NORWAY
15 APRIL 1982
MRPG-1202-NDR

DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND FLOW PERIOD).

DELTA TIME	TEMPERATURE	TIME	DATE
3.067	300.0	18:22	17- 4-82
3.133	300.0	18:26	
3.200	300.0	18:30	
3.267	300.0	18:34	
3.333	300.0	18:38	
3.400	300.7	18:42	
3.467	300.7	18:46	
3.533	300.7	18:50	
3.600	300.7	18:54	
3.667	300.7	18:58	
3.733	300.7	19: 2	
3.800	300.7	19: 6	
3.867	300.7	19:10	
3.933	300.7	19:14	
4.000	300.7	19:18	
4.067	300.7	19:22	
4.133	300.7	19:26	
4.200	300.7	19:30	
4.267	300.7	19:34	
4.333	300.7	19:38	
4.400	300.7	19:42	
4.467	300.7	19:46	
4.533	300.7	19:50	
4.600	300.7	19:54	
4.667	300.7	19:58	
4.733	300.7	20: 2	
4.800	300.7	20: 6	
4.867	301.4	20:10	
4.933	301.4	20:14	
5.000	300.7	20:18	
5.067	301.4	20:22	
5.133	300.7	20:26	
5.200	300.7	20:30	
5.267	301.4	20:34	
5.333	301.4	20:38	
5.400	301.4	20:42	
5.467	301.4	20:46	
5.533	301.4	20:50	
5.600	301.4	20:54	
5.667	301.4	20:58	
5.733	301.4	21: 2	
5.800	301.4	21: 6	
5.867	301.4	21:10	
5.933	301.4	21:14	
6.000	301.4	21:18	
6.067	302.1	21:22	
6.133	302.1	21:26	

WORKING CHOKE TO CLEAR PLUG
(MAX. CHOKE SIZE 12/64")

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WILDCAT
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OFFSHORE NORWAY
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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND FLOW PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE
6.200	301.4	21:30	17- 4-82
6.267	301.4	21:34	
6.333	300.7	21:38	
6.400	300.7	21:42	
6.467	300.7	21:46	
6.533	300.7	21:50	
6.600	300.7	21:54	
6.667	300.7	21:58	
6.733	300.7	22: 2	
6.800	300.7	22: 6	
6.867	300.7	22:10	
6.933	301.4	22:14	
7.000	301.4	22:18	
7.067	301.4	22:22	
7.133	301.4	22:26	
7.200	301.4	22:30	
7.267	301.4	22:34	
7.333	302.1	22:38	
7.400	302.1	22:42	
7.467	302.1	22:46	
7.533	302.1	22:50	
7.600	302.1	22:54	
7.667	302.1	22:58	
7.733	302.1	23: 2	
7.800	302.1	23: 6	
7.867	302.1	23:10	
7.933	302.1	23:14	
8.000	302.1	23:18	
8.067	302.1	23:22	
8.133	302.1	23:26	
8.200	302.8	23:30	
8.267	302.8	23:34	
8.333	302.8	23:38	
8.400	302.8	23:42	
8.467	302.8	23:46	
8.533	302.8	23:50	
8.600	302.8	23:54	
8.667	302.8	23:58	
8.733	302.8	0: 2	18- 4-82
8.800	302.8	0: 6	
8.867	302.8	0:10	
8.933	302.8	0:14	
9.000	302.8	0:18	
9.067	302.8	0:22	
9.133	302.8	0:26	
9.200	302.8	0:30	
9.267	303.5	0:34	

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WILDCAT
29/6-1

OFFSHORE NORWAY
15 APRIL 1982
MRPG-1202-NOR

DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND FLOW PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE
9.333	303.5	0:38	18- 4-82
9.400	303.5	0:42	
9.467	303.5	0:46	
9.533	303.5	0:50	
9.600	303.5	0:54	
9.667	303.5	0:58	
9.733	303.5	1: 2	
9.800	303.5	1: 6	
9.867	303.5	1:10	
9.933	303.5	1:14	
10.000	303.5	1:18	
10.067	303.5	1:22	
10.133	303.5	1:26	
10.200	303.5	1:30	
10.267	303.5	1:34	
10.333	303.5	1:38	
10.400	303.5	1:42	
10.467	303.5	1:46	
10.533	303.5	1:50	
10.600	303.5	1:54	
10.667	303.5	1:58	
10.733	303.5	2: 2	END OF FLOW PERIOD

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HILDCAT
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OFFSHORE NORWAY
15 APRIL 1982
MRPG-1202-NDR

DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE	
0.000	303.5	2: 2	18- 4-82	CLOSE APR-N VALVE
0.067	304.2	2: 6		WELL SHUT-IN AT CHOKE
0.133	304.2	2:10		
0.200	304.2	2:14		
0.267	304.2	2:18		
0.333	303.5	2:22		
0.400	303.5	2:26		
0.467	303.5	2:30		
0.533	302.8	2:34		
0.600	302.8	2:38		
0.667	302.8	2:42		
0.733	302.8	2:46		
0.800	302.1	2:50		
0.867	302.1	2:54		
0.933	302.1	2:58		
1.000	302.1	3: 2		
1.067	301.4	3: 6		
1.133	301.4	3:10		
1.200	301.4	3:14		
1.267	301.4	3:18		
1.333	301.4	3:22		
1.400	301.4	3:26		
1.467	301.4	3:30		
1.533	301.4	3:34		
1.600	301.4	3:38		
1.667	301.4	3:42		
1.733	301.4	3:46		
1.800	301.4	3:50		
1.867	301.4	3:54		
1.933	301.4	3:58		
2.000	301.4	4: 2		
2.067	300.7	4: 6		
2.133	300.7	4:10		
2.200	300.7	4:14		
2.267	300.7	4:18		
2.333	300.7	4:22		
2.400	300.7	4:26		
2.467	300.7	4:30		
2.533	300.7	4:34		
2.600	300.7	4:38		
2.667	300.7	4:42		
2.733	300.7	4:46		
2.800	300.7	4:50		
2.867	300.7	4:54		
2.933	300.7	4:58		
3.000	300.7	5: 2		

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JILDCAT
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MRPG-1202-NOR

DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE
3.067	300.7	5: 6	18- 4-82
3.133	300.7	5:10	
3.200	300.7	5:14	
3.267	300.7	5:18	
3.333	300.7	5:22	
3.400	300.7	5:26	
3.467	300.7	5:30	
3.533	300.7	5:34	
3.600	300.7	5:38	
3.667	300.7	5:42	
3.733	300.0	5:46	
3.800	300.0	5:50	
3.867	300.0	5:54	
3.933	300.0	5:58	
4.000	300.0	6: 2	
4.067	300.0	6: 6	
4.133	300.0	6:10	
4.200	300.0	6:14	
4.267	300.0	6:18	
4.333	300.0	6:22	
4.400	300.0	6:26	
4.467	300.0	6:30	
4.533	300.0	6:34	
4.600	300.0	6:38	
4.667	300.0	6:42	
4.733	300.0	6:46	
4.800	300.0	6:50	
4.867	300.0	6:54	
4.933	300.0	6:58	
5.000	300.0	7: 2	
5.067	300.0	7: 6	
5.133	300.0	7:10	
5.200	300.0	7:14	
5.267	300.0	7:18	
5.333	300.0	7:22	
5.400	300.0	7:26	
5.467	300.0	7:30	
5.533	300.0	7:34	
5.600	300.0	7:38	
5.667	300.0	7:42	
5.733	300.0	7:46	
5.800	300.0	7:50	
5.867	300.0	7:54	
5.933	300.0	7:58	
6.000	300.0	8: 2	
6.067	300.0	8: 6	
6.133	300.0	8:10	

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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE
6.200	300.0	8:14	18- 4-82
6.267	300.0	8:18	
6.333	300.0	8:22	
6.400	300.0	8:26	
6.467	300.0	8:30	
6.533	300.0	8:34	
6.600	300.0	8:38	
6.667	300.0	8:42	
6.733	300.0	8:46	
6.800	300.0	8:50	
6.867	300.0	8:54	
6.933	300.0	8:58	
7.000	300.0	9: 2	
7.067	300.0	9: 6	
7.133	300.0	9:10	
7.200	300.0	9:14	
7.267	300.0	9:18	
7.333	300.0	9:22	
7.400	300.0	9:26	
7.467	300.0	9:30	
7.533	300.0	9:34	
7.600	300.0	9:38	
7.667	300.0	9:42	
7.733	300.0	9:46	
7.800	300.0	9:50	
7.867	300.0	9:54	
7.933	300.0	9:58	
8.000	300.0	10: 2	
8.067	300.0	10: 6	
8.133	300.0	10:10	
8.200	300.0	10:14	
8.267	300.0	10:18	
8.333	300.0	10:22	
8.400	300.0	10:26	
8.467	300.0	10:30	
8.533	300.0	10:34	
8.600	300.0	10:38	
8.667	300.0	10:42	
8.733	300.0	10:46	
8.800	300.0	10:50	
8.867	300.0	10:54	
8.933	300.0	10:58	
9.000	300.0	11: 2	
9.067	300.0	11: 6	
9.133	300.0	11:10	
9.200	300.0	11:14	
9.267	300.0	11:18	

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OFFSHORE NORWAY
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DST 1, RUN 1, GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE
9.333	300.0	11:22	18- 4-82
9.400	300.0	11:26	
9.467	300.0	11:30	
9.533	300.0	11:34	
9.600	300.0	11:38	
9.667	300.0	11:42	
9.733	299.3	11:46	
9.800	299.3	11:50	
9.867	299.3	11:54	
9.933	300.0	11:58	
10.000	299.3	12: 2	
10.067	299.3	12: 6	
10.133	299.3	12:10	
10.200	299.3	12:14	
10.267	299.3	12:18	
10.333	299.3	12:22	
10.400	300.0	12:26	
10.467	299.3	12:30	
10.533	299.3	12:34	
10.600	299.3	12:38	
10.667	299.3	12:42	
10.733	299.3	12:46	
10.800	299.3	12:50	
10.867	299.3	12:54	
10.933	299.3	12:58	
11.000	299.3	13: 2	
11.067	299.3	13: 6	
11.133	299.3	13:10	
11.200	299.3	13:14	
11.267	299.3	13:18	
11.333	299.3	13:22	
11.400	300.0	13:26	
11.467	299.3	13:30	
11.533	299.3	13:34	
11.600	299.3	13:38	
11.667	299.3	13:42	
11.733	299.3	13:46	
11.800	299.3	13:50	
11.867	299.3	13:54	
11.933	299.3	13:58	
12.000	299.3	14: 2	
12.067	299.3	14: 6	
12.133	299.3	14:10	
12.200	299.3	14:14	
12.267	299.3	14:18	
12.333	299.3	14:22	
12.400	299.3	14:26	

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

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BRITISH PETROLEUM
ILDCA
9/6-1

OFFSHORE NORWAY
15 APRIL 1982
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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (SECOND BUILD-UP PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE
12.467	299.3	14:30	18- 4-82
12.533	299.3	14:34	
12.600	299.3	14:38	
12.667	299.3	14:42	
12.733	299.3	14:46	
12.800	299.3	14:50	
12.867	299.3	14:54	
12.933	299.3	14:58	
13.000	299.3	15: 2	
13.067	299.3	15: 6	
13.133	299.3	15:10	
13.200	299.3	15:14	
13.267	299.3	15:18	
13.333	299.3	15:22	END OF BUILD-UP PERIOD

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BRITISH PETROLEUM
WILDCAT
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OFFSHORE NORWAY
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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (POST-TEST PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE	
0.000	299.3	15:22	18- 4-82	ATTEMPT TO OPEN APR-M VALVE
0.067	299.3	15:26		
0.133	299.3	15:30		
0.200	299.3	15:34		
0.267	298.6	15:38		
0.333	298.6	15:42		
0.400	298.6	15:46		
0.467	297.9	15:50		
0.533	298.6	15:54		
0.600	299.3	15:58		
0.667	299.3	16: 2		
0.733	300.0	16: 6		ATTEMPT TO OPEN RTTS VALVE
0.800	300.0	16:10		
0.867	300.0	16:14		
0.933	300.0	16:18		
1.000	300.0	16:22		
1.067	300.0	16:26		ATTEMPT TO OPEN APR-M VALVE
1.133	300.0	16:30		
1.200	300.0	16:34		
1.267	300.0	16:38		
1.333	300.0	16:42		
1.400	300.0	16:46		
1.467	300.0	16:50		
1.533	299.3	16:54		
1.600	299.3	16:58		
1.667	299.3	17: 2		
1.733	299.3	17: 6		
1.800	299.3	17:10		
1.867	299.3	17:14		
1.933	299.3	17:18		
2.000	299.3	17:22		
2.067	299.3	17:26		
2.133	299.3	17:30		
2.200	299.3	17:34		
2.267	299.3	17:38		
2.333	300.0	17:42		REVERSE-OUT ON 16/64" CHOKE
2.400	300.0	17:46		
2.467	300.0	17:50		
2.533	300.0	17:54		
2.600	300.0	17:58		
2.667	300.0	18: 2		
2.733	300.0	18: 6		
2.800	300.0	18:10		
2.867	300.0	18:14		
2.933	300.0	18:18		
3.000	300.0	18:22		

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DST 1, RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (POST-TEST PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE
3.067	300.0	18:26	18- 4-82
3.133	300.0	18:30	
3.200	300.0	18:34	
3.267	300.0	18:38	
3.333	300.0	18:42	
3.400	299.3	18:46	
3.467	299.3	18:50	
3.533	299.3	18:54	
3.600	299.3	18:58	
3.667	299.3	19: 2	
3.733	299.3	19: 6	
3.800	299.3	19:10	
3.867	299.3	19:14	
3.933	299.3	19:18	
4.000	299.3	19:22	
4.067	299.3	19:26	
4.133	299.3	19:30	
4.200	299.3	19:34	
4.267	299.3	19:38	
4.333	299.3	19:42	
4.400	299.3	19:46	
4.467	299.3	19:50	
4.533	299.3	19:54	
4.600	299.3	19:58	
4.667	299.3	20: 2	
4.733	299.3	20: 6	
4.800	299.3	20:10	
4.867	299.3	20:14	
4.933	299.3	20:18	
5.000	299.3	20:22	
5.067	298.6	20:26	
5.133	299.3	20:30	
5.200	299.3	20:34	
5.267	299.3	20:38	
5.333	298.6	20:42	
5.400	298.6	20:46	
5.467	298.6	20:50	
5.533	298.6	20:54	
5.600	297.9	20:58	
5.667	297.9	21: 2	
5.733	297.9	21: 6	
5.800	297.9	21:10	
5.867	297.2	21:14	
5.933	297.2	21:18	
6.000	297.2	21:22	
6.067	297.2	21:26	
6.133	297.2	21:30	

PULL PACKER
(FINAL HYDROSTATIC?)

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DST 1: RUN 1. GAUGE 0190, SENSING DEPTH 4285.66 M. (POST-TEST PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE	
6.200	297.2	21:34	18- 4-82	
6.267	297.2	21:38		
6.333	297.2	21:42		
6.400	297.2	21:46		
6.467	297.2	21:50		
6.533	297.2	21:54		
6.600	297.2	21:58		
6.667	297.2	22: 2		
6.733	297.2	22: 6		
6.800	297.2	22:10		
6.867	297.2	22:14		
6.933	297.2	22:18		
7.000	297.2	22:22		
7.067	296.4	22:26		
7.133	296.4	22:30		
7.200	296.4	22:34		
7.267	296.4	22:38		
7.333	296.4	22:42		
7.400	296.4	22:46		
7.467	296.4	22:50		
7.533	296.4	22:54		
7.600	296.4	22:58		
7.667	296.4	23: 2		
7.733	296.4	23: 6		RESET PACKER
7.800	296.4	23:10		
7.867	296.4	23:14		
7.933	296.4	23:18		
8.000	295.7	23:22		
8.067	295.7	23:26		
8.133	295.7	23:30		
8.200	295.7	23:34		
8.267	295.7	23:38		
8.333	295.7	23:42		
8.400	295.7	23:46		
8.467	295.7	23:50		
8.533	295.0	23:54		
8.600	295.0	23:58		
8.667	295.7	0: 2	19- 4-82	
8.733	295.7	0: 6		
8.800	295.7	0:10		
8.867	295.7	0:14		
8.933	295.7	0:18		
9.000	295.7	0:22		
9.067	295.7	0:26		
9.133	295.7	0:30		COMMENCE POOH

Sperry Sun			PAGE 1 OF 1
PRESSURE TEST DATA SUMMARY			
COMPANY: BRITISH PETROLEUM DEVELOPMENT LTD. NORWAY			DATE: 15 APRIL 1982
FILD: WILDCAT	WELL NO: 29/6-1	JOB NO: MRPG-1220 (B)-NOR	
TEST TYPE: FLOW / BUILD-UP	TEST NO: DST NO: 1	RUN NO: 1	MAX B.H.T. 305 °F
PERFORATION INTERVAL:	4287 - 4301 METRES	ZONE:	BRENT FORMATION
	TOP	MIDDLE	BOTTOM
GAUGE TYPE/NO.	MRPG/0172	MRPG/0190	MRPG/0138
PRESSURE SENSING DEPTH	4282,65 m BRT	4285,66 m BRT	4288,64 m BRT
ELEMENT SIZE:	15 K	15 K	15 K
TIME MODE:	4 MINUTES	4 MINUTES	2 MINUTES
BATTERY TYPE	SILVER OXIDE	SILVER OXIDE	SILVER OXIDE
EVENT	SURFACE TIMES	& DATES	TEMP °F
GAUGE START TIMES -			
0172	12:18	15.04.82	
0190	12:20	"	
0138	12:21	"	
GAUGES IN STRING, R.I.H.	14:13	"	
AT PACKER SETTING DEPTH	02:30	17.04.1982	292
SET PACKER (AT 4262.71 m BRT)	11:45	"	294
ATTEMPT TO OPEN APR-N VALVE	12:20	"	294
APR-N OPEN (32/64" CHOKE)	14:42	"	294
WELL SHUT-IN FOR BUILD-UP	14:47	"	295
WELL OPENED ON 08/64" ADJ. CHOKE	15:21	"	296
WORKING CHOKE TO CLEAR PLUG	17:50	"	299
" " (MAX. CHOKE SIZE		"	301
12/64")	18:50		
CLOSE APR-N VALVE	02:03	18.04.1982	304
SHUT-IN AT CHOKE MANIFOLD	02:04	"	304
ATTEMPT TO OPEN APR-M VALVE	15:19	"	299
ATTEMPT TO OPEN RTTS VALVE	16:07	"	300
ATTEMPT TO OPEN APR-M VALVE	16:27	"	300
REVERSE OUT ON 16/64" CHOKE	17:41	"	300
PULL PACKER (FINAL HYDROSTATIC)	20:52	"	299
RESET PACKER	23:07	"	297
POOH	00:30	19.04.1982	296
GAUGES OUT OF STRING	14:30	"	296
NOTE: GAUGE 0138 WORKED FOR FIRST 30 HRS, AND THEN STARTED AGAIN ON PULLING OUT OF HOLE.			
GAUGE 0172 TEMPERATURE SENSOR FAILED AFTER 66.66 HOURS IN HOLE.			
M.R.P.G. PRESSURES ARE RELATIVE TO GAUGE CLOCK TIMES.			
S.P.G. PRESSURES ARE RELATIVE TO TIME GRADIENT CALCULATED FROM SURFACE TIMES.			

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BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

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MRPG-1202-NOR

D.S.T. 1

RUN 1

GAUGE 0172

SENSING DEPTH = 4282,65 M.

(PRE TEST PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0,000	12838,538	11:44	17.04.1982	SET PACKER AT 11:45
0,067	12756,934	11:48		
0,133	12716,132	11:52		
0,200	12706,111	11:56		
0,267	12676,046	12:00		
0,333	12657,435	12:04		
0,400	12636,676	12:08		
0,467	12764,808	12:12		
0,533	12743,334	12:16		
0,600	12844,980	12:20		ATTEMPT TO OPEN APR-N VALVE
0,667	12837,106	12:24		
0,733	12870,749	12:28		
0,800	13550,778	12:32		
0,867	13590,149	12:36		
0,933	13552,210	12:40		
1,000	13498,524	12:44		
1,067	12924,436	12:48		
1,133	12928,015	12:52		
1,200	13184,279	12:56		
1,267	13132,024	13:00		
1,333	13079,769	13:04		
1,400	12919,425	13:08		
1,467	12817,063	13:12		
1,533	12788,430	13:16		
1,600	12748,344	13:20		
1,667	12708,258	13:24		
1,733	12793,441	13:28		
1,800	12736,891	13:32		
1,867	12707,543	13:36		
1,933	12671,752	13:40		
2,000	12635,245	13:44		
2,067	12598,738	13:48		
2,133	12564,379	13:52		
2,200	12563,663	13:56		
2,267	12530,735	14:00		
2,333	12567,242	14:04		
2,400	12555,073	14:08		
2,467	12582,990	14:12		
2,533	12555,073	14:16		
2,600	12525,724	14:20		
2,667	12391,150	14:24		
2,733	12381,129	14:28		
2,800	12360,370	14:32		
2,867	11331,736	14:36		
2,933	11331,736	14:40		OPEN APR-N VALVE

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WILDCAT
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OFFSHORE NORWAY
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MRPG-1202-NOR

D.S.T. 1

RUN 1

GAUGE 0172 SENSING DEPTH = 4282,65 M.

(INITIAL FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE
0,000	11331,736
0,067	11286,640
0,133	11021,071

TIME
14:40
14:44
14:48

DATE
17.04.1982

OPEN APR-N VALVE
BLEED-OFF TUBING ON 32/64"
END OF INITIAL FLOW PERIOD

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WILDCAT
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D.S.T. 1 RUN 1 GAUGE 0172 SENSING DEPTH = 4282,65 M.

(INITIAL BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0,000	11021,071	14:48	17.04.1982	WELL SHUT-IN FOR BUILD-UP
0,067	11317,420	14:52		
0,133	11323,862	14:56		
0,200	11326,010	15:00		
0,267	11328,157	15:04		
0,333	11327,442	15:08		
0,400	11328,873	15:12		
0,467	11328,873	15:16		
0,533	11328,157	15:20		
				END OF INITIAL BUILD-UP PERIOD

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D.S.T. 1	RUN 1	GAUGE 0172	SENSING DEPTH = 4282,65 M.		
			(SECOND FLOW PERIOD)		
DELTA TIME	GAUGE PRESSURE	TIME	DATE		
0,000	11328,157	15:20	17.04.1982	WELL OPENED TO FLOW	
0,067	10316,251	15:24		ON 08/64" ADJ. CHOKE	
0,133	10840,480	15:28			
0,200	10810,377	15:32			
0,267	10971,170	15:36			
0,333	10915,370	15:40			
0,400	10999,070	15:44			
0,467	10949,878	15:48			
0,533	11022,565	15:52			
0,600	11020,362	15:56			
0,667	11034,312	16:00			
0,733	10994,665	16:04			
0,800	10882,330	16:08			
0,867	10735,487	16:12			
0,933	10631,963	16:16			
1,000	10666,471	16:20			
1,067	10466,765	16:24			
1,133	10494,665	16:28			
1,200	10412,433	16:32			
1,267	10420,509	16:36			
1,333	10259,716	16:40			
1,400	10258,248	16:44			
1,467	10167,940	16:48			
1,533	10214,195	16:52			
1,600	10151,053	16:56			
1,667	10015,957	17:00			
1,733	10147,382	17:04			
1,800	10360,304	17:08			
1,867	10347,822	17:12			
1,933	10286,148	17:16			
2,000	10282,477	17:20			
2,067	10165,003	17:24			
2,133	9971,905	17:28			
2,200	10004,944	17:32			
2,267	9888,204	17:36			
2,333	10278,072	17:40			
2,400	9996,134	17:44			
2,467	9990,994	17:48			
2,533	9944,739	17:52			
2,600	9955,018	17:56			
2,667	9940,333	18:00			
2,733	9946,207	18:04			
2,800	9943,270	18:08			
2,867	9907,294	18:12			
2,933	9875,723	18:16			
3,000	9778,806	18:20			
				WORKING CHOKE TO CLEAR PLUG	

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D.S.T. 1	RUN 1	GAUGE 0172	SENSING DEPTH = 4282,65 M. (SECOND FLOW PERIOD)	
DELTA TIME	GAUGE PRESSURE	TIME	DATE	
3,067	9913,167	18:24	17.04.1982	
3,133	9996,134	18:28		
3,200	9789,820	18:32		
3,267	9740,627	18:36		
3,333	9749,438	18:40		
3,400	9819,922	18:44		
3,467	10218,601	18:48		
3,533	10228,879	18:52	WORKING CHOKE TO CLEAR PLUG	
3,600	10060,744	18:56	(MAX. CHOKE SIZE 12/64")	
3,667	9981,449	19:00		
3,733	9932,991	19:04		
3,800	9955,018	19:08		
3,867	10029,173	19:12		
3,933	10013,755	19:16		
4,000	10088,645	19:20		
4,067	10091,581	19:24		
4,133	10072,492	19:28		
4,200	9977,044	19:32		
4,267	10047,529	19:36		
4,333	10245,032	19:40		
4,400	10022,565	19:44		
4,467	10075,429	19:48		
4,533	9991,728	19:52		
4,600	10090,847	19:56		
4,667	9962,360	20:00		
4,733	10042,389	20:04		
4,800	10180,421	20:08		
4,867	10181,156	20:12		
4,933	10126,824	20:16		
5,000	10158,395	20:20		
5,067	10005,678	20:24		
5,133	9988,057	20:28		
5,200	10026,971	20:32		
5,267	10111,405	20:36		
5,333	10101,860	20:40		
5,400	10089,379	20:44		
5,467	10082,771	20:48		
5,533	10021,097	20:52		
5,600	10062,213	20:56		
5,667	10062,213	21:00		
5,733	9919,775	21:04		
5,800	9984,386	21:08		
5,867	10163,534	21:12		
5,933	10112,874	21:16		
6,000	10968,967	21:20		
6,067	11110,671	21:24		
6,133	10770,729	21:28		

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RUN 1

GAUGE 0172 SENSING DEPTH = 4282,65 M.

(SECOND FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6,200	10584,239	21:32	17.04.1982
6,267	10476,310	21:36	
6,333	10455,752	21:40	
6,400	10516,691	21:44	
6,467	10548,263	21:48	
6,533	10595,986	21:52	
6,600	10062,947	21:56	
6,667	10140,774	22:00	
6,733	10033,579	22:04	
6,800	10029,173	22:08	
6,867	10104,063	22:12	
6,933	10013,755	22:16	
7,000	10051,200	22:20	
7,067	10090,113	22:24	
7,133	9865,444	22:28	
7,200	9903,623	22:32	
7,267	9978,513	22:36	
7,333	9764,122	22:40	
7,400	10092,316	22:44	
7,467	9913,902	22:48	
7,533	9801,567	22:52	
7,600	9791,288	22:56	
7,667	9939,599	23:00	
7,733	9983,652	23:04	
7,800	9988,057	23:08	
7,867	9946,941	23:12	
7,933	9950,612	23:16	
8,000	9967,499	23:20	
8,067	9957,220	23:24	
8,133	9927,852	23:28	
8,200	9919,775	23:32	
8,267	9901,420	23:36	
8,333	9894,078	23:40	
8,400	9869,849	23:44	
8,467	9875,723	23:48	
8,533	9850,025	23:52	
8,600	9853,696	23:56	
8,667	9921,244	00:00	18.04.1982
8,733	9975,576	00:04	
8,800	9935,928	00:08	
8,867	9877,191	00:12	
8,933	9836,075	00:16	
9,000	9855,899	00:20	
9,067	9877,191	00:24	
9,133	9847,088	00:28	
9,200	9852,962	00:32	
9,267	9836,809	00:36	

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D.S.T. 1

RUN 1

GAUGE 0172

SENSING DEPTH = 4282,65 M.

(SECOND FLOW PERIOD)

<u>DELTA TIME</u>	<u>GAUGE PRESSURE</u>	<u>TIME</u>	<u>DATE</u>
9,333	9877,925	00:40	18.04.1982
9,400	9876,457	00:44	
9,467	9830,201	00:48	
9,533	9804,504	00:52	
9,600	9847,822	00:56	
9,667	9891,141	01:00	
9,733	9863,241	01:04	
9,800	9861,773	01:08	
9,867	9847,822	01:12	
9,933	9877,191	01:16	
10,000	9868,380	01:20	
10,067	9883,799	01:24	
10,133	9833,138	01:28	
10,200	9822,859	01:32	
10,267	9836,075	01:36	
10,333	9796,427	01:40	
10,400	9789,820	01:44	
10,467	9747,235	01:48	
10,533	9883,799	01:52	
10,600	9744,298	01:56	
10,667	9764,122	02:00	

END OF FLOW PERIOD

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D.S.T. 1

RUN 1

GAUGE 0172 SENSING DEPTH = 4282,65 M.

(SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0,000	9764,122	02:00	18.04.1982	CLOSE APR-N VALVE
0,067	10844,151	02:04		WELL SHUT-IN AT CHOKE MANIFOLD
0,133	11270,176	02:08		
0,200	11286,640	02:12		
0,267	11295,230	02:16		
0,333	11300,240	02:20		
0,400	11303,819	02:24		
0,467	11307,399	02:28		
0,533	11309,546	02:32		
0,600	11310,978	02:36		
0,667	11312,409	02:40		
0,733	11315,273	02:44		
0,800	11316,704	02:48		
0,867	11317,420	02:52		
0,933	11318,852	02:56		
1,000	11318,852	03:00		
1,067	11319,568	03:04		
1,133	11319,568	03:08		
1,200	11319,568	03:12		
1,267	11320,283	03:16		
1,333	11319,568	03:20		
1,400	11320,283	03:24		
1,467	11320,283	03:28		
1,533	11320,283	03:32		
1,600	11319,568	03:36		
1,667	11320,283	03:40		
1,733	11320,283	03:44		
1,800	11319,568	03:48		
1,867	11320,283	03:52		
1,933	11320,283	03:56		
2,000	11319,568	04:00		
2,067	11320,283	04:04		
2,133	11320,283	04:08		
2,200	11319,568	04:12		
2,267	11320,283	04:16		
2,333	11320,283	04:20		
2,400	11319,568	04:24		
2,467	11320,283	04:28		
2,533	11319,568	04:32		
2,600	11319,568	04:36		
2,667	11319,568	04:40		
2,733	11319,568	04:44		
2,800	11318,852	04:48		
2,867	11319,568	04:52		
2,933	11319,568	04:56		
3,000	11319,568	05:00		

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D.S.T. 1	RUN 1	GAUGE 0172	SENSING DEPTH = 4282,65 M.		(SECOND BUILD-UP PERIOD)
DELTA TIME	GAUGE PRESSURE	TIME	DATE		
3,067	11319,568	05:04	18.04.1982		
3,133	11319,568	05:08			
3,200	11319,568	05:12			
3,267	11319,568	05:16			
3,333	11319,568	05:20			
3,400	11318,852	05:24			
3,467	11320,283	05:28			
3,533	11319,568	05:32			
3,600	11318,852	05:36			
3,667	11319,568	05:40			
3,733	11319,568	05:44			
3,800	11320,283	05:48			
3,867	11320,283	05:52			
3,933	11319,568	05:56			
4,000	11320,283	06:00			
4,067	11319,568	06:04			
4,133	11319,568	06:08			
4,200	11319,568	06:12			
4,267	11320,283	06:16			
4,333	11320,283	06:20			
4,400	11320,283	06:24			
4,467	11319,568	06:28			
4,533	11319,568	06:32			
4,600	11320,283	06:36			
4,667	11320,283	06:40			
4,733	11320,283	06:44			
4,800	11320,283	06:48			
4,867	11320,283	06:52			
4,933	11320,999	06:56			
5,000	11320,999	07:00			
5,067	11320,999	07:04			
5,133	11321,715	07:08			
5,200	11322,431	07:12			
5,267	11321,715	07:16			
5,333	11321,715	07:20			
5,400	11321,715	07:24			
5,467	11321,715	07:28			
5,533	11321,715	07:32			
5,600	11322,431	07:36			
5,667	11323,147	07:40			
5,733	11322,431	07:44			
5,800	11322,431	07:48			
5,867	11323,147	07:52			
5,933	11323,147	07:56			
6,000	11323,147	08:00			
6,067	11323,147	08:04			
6,133	11323,862	08:08			

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OFFSHORE NORWAY

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D.S.T. 1

RUN 1

GAUGE 0172 SENSING DEPTH = 4282,65 M.

(SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6,200	11323,862	08:12	18.04.1982
6,267	11323,147	08:16	
6,333	11323,862	08:20	
6,400	11323,862	08:24	
6,467	11324,578	08:28	
6,533	11323,862	08:32	
6,600	11323,862	08:36	
6,667	11324,578	08:40	
6,733	11324,578	08:44	
6,800	11323,862	08:48	
6,867	11324,578	08:52	
6,933	11323,862	08:56	
7,000	11324,578	09:00	
7,067	11325,294	09:04	
7,133	11325,294	09:08	
7,200	11324,578	09:12	
7,267	11324,578	09:16	
7,333	11324,578	09:20	
7,400	11324,578	09:24	
7,467	11325,294	09:28	
7,533	11326,010	09:32	
7,600	11325,294	09:36	
7,667	11325,294	09:40	
7,733	11325,294	09:44	
7,800	11325,294	09:48	
7,867	11326,010	09:52	
7,933	11325,294	09:56	
8,000	11326,010	10:00	
8,067	11326,010	10:04	
8,133	11326,010	10:08	
8,200	11326,010	10:12	
8,267	11326,010	10:16	
8,333	11326,726	10:20	
8,400	11326,010	10:24	
8,467	11326,010	10:28	
8,533	11325,294	10:32	
8,600	11326,010	10:36	
8,667	11325,294	10:40	
8,733	11325,294	10:44	
8,800	11325,294	10:48	
8,867	11325,294	10:52	
8,933	11325,294	10:56	
9,000	11325,294	11:00	
9,067	11325,294	11:04	
9,133	11325,294	11:08	
9,200	11325,294	11:12	
9,267	11325,294	11:16	

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

WILDCAT

29/6-1

OFFSHORE NORWAY

15 APRIL 1982

MRPG-1202-NOR

D.S.T. 1

RUN 1

GAUGE 0172 SENSING DEPTH = 4282,65 M.

(SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
9,333	11324,578	11:20	18.04.1982
9,400	11325,294	11:24	
9,467	11324,578	11:28	
9,533	11324,578	11:32	
9,600	11324,578	11:36	
9,667	11323,147	11:40	
9,733	11323,862	11:44	
9,800	11323,862	11:48	
9,867	11323,862	11:52	
9,933	11323,147	11:56	
10,000	11323,862	12:00	
10,067	11324,578	12:04	
10,133	11323,862	12:08	
10,200	11323,862	12:12	
10,267	11324,578	12:16	
10,333	11324,578	12:20	
10,400	11324,578	12:24	
10,467	11324,578	12:28	
10,533	11324,578	12:32	
10,600	11324,578	12:36	
10,667	11323,862	12:40	
10,733	11323,862	12:44	
10,800	11324,578	12:48	
10,867	11325,294	12:52	
10,933	11324,578	12:56	
11,000	11323,862	13:00	
11,067	11323,862	13:04	
11,133	11323,862	13:08	
11,200	11324,578	13:12	
11,267	11324,578	13:16	
11,333	11324,578	13:20	
11,400	11324,578	13:24	
11,467	11324,578	13:28	
11,533	11324,578	13:32	
11,600	11324,578	13:36	
11,667	11324,578	13:40	
11,733	11324,578	13:44	
11,800	11325,294	13:48	
11,867	11325,294	13:52	
11,933	11325,294	13:56	
12,000	11325,294	14:00	
12,067	11325,294	14:04	
12,133	11324,578	14:08	
12,200	11325,294	14:12	
12,267	11325,294	14:16	
12,333	11324,578	14:20	
12,400	11324,578	14:24	

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MAGNETIC RECORDING PRESSURE GAUGE REPORT				
BRITISH PETROLEUM			OFFSHORE NORWAY	
WILDCAT			15 APRIL 1982	
29/6-1			MRPG-1202-NOR	
D.S.T. 1	RUN 1	GAUGE 0172 SENSING DEPTH = 4282,65 M.		(POST-TEST PERIOD)
DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0,000	11326,726	15:20	18.04.1982	ATTEMPT TO OPEN APR-M VALVE
0,067	11692,510	15:24		
0,133	11376,117	15:28		
0,200	11376,833	15:32		
0,267	11349,632	15:36		
0,333	11336,747	15:40		
0,400	11367,527	15:44		
0,467	10552,208	15:48		
0,533	10726,153	15:52		
0,600	11293,082	15:56		
0,667	11322,431	16:00		
0,733	11323,862	16:04		
0,800	11324,578	16:08		ATTEMPT TO OPEN RTTS VALVE
0,867	11323,147	16:12		
0,933	11318,136	16:16		
1,000	11318,852	16:20		
1,067	11335,316	16:24		
1,133	11350,348	16:28		ATTEMPT TO OPEN APR-M VALVE
1,200	11330,305	16:32		
1,267	11330,305	16:36		
1,333	11331,021	16:40		
1,400	11331,021	16:44		
1,467	11330,305	16:48		
1,533	11331,021	16:52		
1,600	11331,021	16:56		
1,667	11331,736	17:00		
1,733	11331,021	17:04		
1,800	11331,021	17:08		
1,867	11331,021	17:12		
1,933	11330,305	17:16		
2,000	11331,021	17:20		
2,067	11330,305	17:24		
2,133	11330,305	17:28		
2,200	11104,106	17:32		
2,267	11320,283	17:36		
2,333	11273,755	17:40		REVERSE-OUT ON 16/64" CHOKE
2,400	11464,163	17:44		
2,467	11520,713	17:48		
2,533	11546,482	17:52		
2,600	11570,105	17:56		
2,667	11589,432	18:00		
2,733	11596,590	18:04		
2,800	11596,590	18:08		
2,867	11614,485	18:12		
2,933	12721,143	18:16		
3,000	12374,686	18:20		

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MAGNETIC RECORDING PRESSURE GAUGE REPORT					
BRITISH PETROLEUM			OFFSHORE NORWAY		
WILDCAT			15 APRIL 1982		
29/6-1			MRPG-1202-NOR		
D.S.T. 1		RUN 1		GAUGE 0172 SENSING DEPTH = 4282,65 M.	
(POST-TEST PERIOD)					
DELTA TIME	GAUGE PRESSURE	TIME	DATE		
3,067	12615,202	18:24	18.04.1982		
3,133	12332,453	18:28			
3,200	12429,089	18:32			
3,267	12630,234	18:36			
3,333	12513,555	18:40			
3,400	12344,622	18:44			
3,467	12263,018	18:48			
3,533	12255,144	18:52			
3,600	12237,249	18:56			
3,667	11853,569	19:00			
3,733	11799,883	19:04			
3,800	11770,534	19:08			
3,867	11752,639	19:12			
3,933	12449,132	19:16			
4,000	12501,386	19:20			
4,067	12446,984	19:24			
4,133	12426,941	19:28			
4,200	12491,365	19:32			
4,267	12416,920	19:36			
4,333	12400,456	19:40			
4,400	12396,161	19:44			
4,467	12452,711	19:48			
4,533	12465,595	19:52			
4,600	12441,257	19:56			
4,667	12423,362	20:00			
4,733	12419,067	20:04			
4,800	12418,351	20:08			
4,867	12416,204	20:12			
4,933	12391,866	20:16			
5,000	12380,413	20:20			
5,067	12363,233	20:24			
5,133	12348,917	20:28			
5,200	12504,965	20:32			
5,267	12500,671	20:36			
5,333	12147,771	20:40			
5,400	11833,526	20:44			
5,467	11555,788	20:48			
5,533	11697,520	20:52			
5,600	11978,122	20:56			
5,667	11855,717	21:00			
5,733	11820,642	21:04			
5,800	11799,883	21:08			
5,867	11781,987	21:12			
5,933	11729,017	21:16			
6,000	11698,236	21:20			
6,067	11744,765	21:24			
6,133	11735,459	21:28			
			PULL PACKER (FINAL HYDROSTATIC?)		

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MAGNETIC RECORDING PRESSURE GAUGE REPORT				
BRITISH PETROLEUM WILDCAT 29/6-1				OFFSHORE NORWAY 15 APRIL 1982 MRPG-1202-NOR
D.S.T. 1	RUN 1	GAUGE 0172	SENSING DEPTH = 4282,65 M.	(POST-TEST PERIOD)
DELTA TIME	GAUGE PRESSURE	TIME	DATE	
6,200	11727,585	21:32	18.04.1982	
6,267	11718,995	21:36		
6,333	11566,525	21:40		
6,400	11482,059	21:44		
6,467	11441,973	21:48		
6,533	11733,311	21:52		
6,600	11719,711	21:56		
6,667	11703,247	22:00		
6,733	12078,337	22:04		
6,800	11671,751	22:08		
6,867	11653,855	22:12		
6,933	11649,561	22:16		
7,000	11648,129	22:20		
7,067	11658,866	22:24		
7,133	11696,089	22:28		
7,200	11723,290	22:32		
7,267	11701,815	22:36		
7,333	11814,199	22:40		
7,400	12103,390	22:44		
7,467	11588,716	22:48		
7,533	11938,752	22:52		
7,600	11665,309	22:56		
7,667	11604,464	23:00		
7,733	11590,147	23:04		
7,800	11791,293	23:08		RESET PACKER
7,867	12066,884	23:12		
7,933	12077,621	23:16		
8,000	11992,438	23:20		
8,067	11951,637	23:24		
8,133	11943,047	23:28		
8,200	11923,004	23:32		
8,267	11847,127	23:36		
8,333	11860,012	23:40		
8,400	11872,181	23:44		
8,467	11883,634	23:48		
8,533	11887,213	23:52		
8,600	12046,841	23:56		
8,667	11957,363	00:00	19.04.1982	
8,733	11938,036	00:04		
8,800	11956,647	00:08		
8,867	11991,723	00:12		
8,933	11892,224	00:16		
9,000	11900,098	00:20		
9,067	11565,810	00:24		
9,133	11829,947	00:28		COMMENCE POOH

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

WILDCAT

29/6-1

OFFSHORE NORWAY

15 APRIL 1982

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(INITIAL FLOW PERIOD)

DELTA TIME

GAUGE PRESSURE

TIME

DATE

0,000

11333,366

14:38

17.04.1982

OPEN APR-N VALVE

0,067

10823,932

14:42

BLEED-OFF TUBING ON 32/64"

0,133

9841,348

14:46

END OF INITIAL FLOW PERIOD

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1 RUN 1 GAUGE 0190 SENSING DEPTH = 4285,66 M. (INITIAL BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0,000	9841,348	14:46	17.04.1982	WELL SHUT-IN FOR BUILD-UP
0,067	11305,064	14:50		
0,133	11322,480	14:54		
0,200	11326,109	14:58		
0,267	11329,012	15:02		
0,333	11329,012	15:06		
0,400	11329,012	15:10		
0,467	11329,737	15:14		
0,533	11330,463	15:18		END OF INITIAL BUILD-UP PERIOD

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SPERRY-SUN INTERNATIONAL INC.

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

WILDCAT

29/6-1

OFFSHORE NORWAY

15 APRIL 1982

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(SECOND FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0,000	11330,463	15:18	17.04.1982	WELL OPENED TO FLOW
0,067	10331,914	15:22		ON 08/64" ADJ. CHOKE
0,133	10313,772	15:26		
0,200	10821,029	15:30		
0,267	10749,186	15:34		
0,333	10945,122	15:38		
0,400	10913,917	15:42		
0,467	10943,670	15:46		
0,533	10964,715	15:50		
0,600	11013,337	15:54		
0,667	11016,239	15:58		
0,733	11009,708	16:02		
0,800	10897,226	16:06		
0,867	10761,522	16:10		
0,933	10672,263	16:14		
1,000	10503,177	16:18		
1,067	10485,035	16:22		
1,133	10+489,389	16:26		
1,200	10446,573	16:30		
1,267	10348,605	16:34		
1,333	10324,657	16:38		
1,400	10228,866	16:42		
1,467	10195,485	16:46		
1,533	10091,711	16:50		
1,600	10112,030	16:54		
1,667	10062,684	16:58		
1,733	9989,389	17:02		
1,800	10125,819	17:06		
1,867	10515,514	17:10		
1,933	10287,647	17:14		
2,000	10233,221	17:18		
2,067	10201,290	17:22		
2,133	10029,302	17:26		
2,200	9959,636	17:30		
2,267	9900,129	17:34		
2,333	10301,435	17:38		
2,400	10134,527	17:42		
2,467	9879,810	17:46		
2,533	9900,129	17:50		WORKING CHOKE TO CLEAR PLUG
2,600	9913,917	17:54		
2,667	9932,785	17:58		
2,733	9948,025	18:02		
2,800	9953,104	18:06		
2,867	9985,035	18:10		
2,933	9874,730	18:14		
3,000	9874,730	18:18		

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(SECOND FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
3,067	9746,283	18:22	17.04.1982
3,133	10131,624	18:26	
3,200	9849,331	18:30	
3,267	9718,707	18:34	
3,333	9724,512	18:38	
3,400	9723,787	18:42	
3,467	10158,475	18:46	
3,533	9865,296	18:50	WORKING CHOKE TO CLEAR PLUG (MAX. CHOKE SIZE 12/64")
3,600	9889,244	18:54	
3,667	9952,379	18:58	
3,733	9942,219	19:02	
3,800	10049,621,	19:06	
3,867	9860,942	19:10	
3,933	10016,965	19:14	
4,000	10102,596	19:18	
4,067	10055,427	19:22	
4,133	10061,958	19:26	
4,200	9961,813	19:30	
4,267	10011,160	19:34	
4,333	10066,312	19:38	
4,400	9874,004	19:42	
4,467	10086,631	19:46	
4,533	9908,112	19:50	
4,600	10059,781	19:54	
4,667	9996,646	19:58	
4,733	9985,035	20:02	
4,800	10056,152	20:06	
4,867	10202,742	20:10	
4,933	10157,023	20:14	
5,000	9970,521	20:18	
5,067	10204,919	20:22	
5,133	10000,274	20:26	
5,200	10005,354	20:30	
5,267	10096,791	20:34	
5,333	10010,434	20:38	
5,400	10104,774	20:42	
5,467	10077,923	20:46	
5,533	10008,983	20:50	
5,600	10006,805	20:54	
5,667	10040,913	20:58	
5,733	10053,250	21:02	
5,800	9886,341	21:06	
5,867	10146,863	21:10	
5,933	9987,938	21:14	
6,000	10135,252	21:18	
6,067	11097,517	21:22	
6,133	10757,168	21:26	

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(SECOND FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
9,333	9847,154	0:38	18.04.1982
9,400	9847,154	0:42	
9,467	9815,223	0:46	
9,533	9792,001	0:50	
9,600	9801,435	0:54	
9,667	9836,268	0:58	
9,733	9871,102	1:02	
9,800	9828,286	1:06	
9,867	9840,623	1:10	
9,933	9852,234	1:14	
10,000	9854,411	1:18	
10,067	9844,977	1:22	
10,133	9836,994	1:26	
10,200	9815,223	1:30	
10,267	9786,196	1:34	
10,333	9782,567	1:38	
10,400	9752,088	1:42	
10,467	9733,221	1:46	
10,533	9781,842	1:50	
10,600	9702,016	1:54	
10,667	9731,769	1:58	
10,733	9675,165	2:02	END OF FLOW PERIOD

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190

SENSING DEPTH = 4285,66 M.

(SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0,000	9675,165	2:02	18.04.1982	CLOSE APR-N VALVE
0,067	11237,575	2:06		WELL SHUT-IN AT CHOKE
0,133	11273,133	2:10		
0,200	11284,019	2:14		
0,267	11291,276	2:18		
0,333	11295,630	2:22		
0,400	11299,258	2:26		
0,467	11304,338	2:30		
0,533	11305,064	2:34		
0,600	11306,515	2:38		
0,667	11309,418,	2:42		
0,733	11311,595	2:46		
0,800	11313,772	2:50		
0,867	11313,046	2:54		
0,933	11314,498	2:58		
1,000	11313,772	3:02		
1,067	11313,772	3:06		
1,133	11313,772	3:10		
1,200	11315,223	3:14		
1,267	11315,223	3:18		
1,333	11314,498	3:22		
1,400	11315,223	3:26		
1,467	11314,498	3:30		
1,533	11315,949	3:34		
1,600	11315,949	3:38		
1,667	11315,949	3:42		
1,733	11315,949	3:46		
1,800	11316,675	3:50		
1,867	11315,949	3:54		
1,933	11316,675	3:58		
2,000	11318,126	4:02		
2,067	11318,126	4:06		
2,133	11317,400	4:10		
2,200	11318,852	4:14		
2,267	11318,126	4:18		
2,333	11318,852	4:22		
2,400	11318,126	4:26		
2,467	11318,126	4:30		
2,533	11318,852	4:34		
2,600	11320,303	4:38		
2,667	11319,578	4:42		
2,733	11319,578	4:46		
2,800	11319,578	4:50		
2,867	11320,303	4:54		
2,933	11320,303	4:58		
3,000	11321,029	5:02		

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MAGNETIC RECORDING PRESSURE GAUGE REPORT					
BRITISH PETROLEUM			OFFSHORE NORWAY		
WILDCAT			15 APRIL 1982		
29/6-1			MRPG-1202-NOR		
DST 1	RUN 1	GAUGE 0190	SENSING DEPTH = 4285,66 M.		(SECOND BUILD-UP PERIOD)
DELTA TIME	GAUGE PRESSURE	TIME	DATE		
3,067	11320,303	5:06	18.04.1982		
3,133	11319,578	5:10			
3,200	11319,578	5:14			
3,267	11319,578	5:18			
3,333	11319,578	5:22			
3,400	11320,303	5:26			
3,467	11318,852	5:30			
3,533	11318,852	5:34			
3,600	11318,852	5:38			
3,667	11319,578	5:42			
3,733	11318,852	5:46			
3,800	11318,852	5:50			
3,867	11318,852	5:54			
3,933	11318,126	5:58			
4,000	11319,578	6:02			
4,067	11319,578	6:06			
4,133	11319,578	6:10			
4,200	11320,303	6:14			
4,267	11321,029	6:18			
4,333	11321,029	6:22			
4,400	11321,755	6:26			
4,467	11321,755	6:30			
4,533	11322,480	6:34			
4,600	11321,029	6:38			
4,667	11321,755	6:42			
4,733	11321,755	6:46			
4,800	11321,029	6:50			
4,867	11321,029	6:54			
4,933	11321,755	6:58			
5,000	11321,029	7:02			
5,067	11321,029	7:06			
5,133	11321,029	7:10			
5,200	11320,303	7:14			
5,267	11320,303	7:18			
5,333	11320,303	7:22			
5,400	11320,303	7:26			
5,467	11321,029	7:30			
5,533	11320,303	7:34			
5,600	11320,303	7:38			
5,667	11320,303	7:42			
5,733	11320,303	7:46			
5,800	11320,303	7:50			
5,867	11320,303	7:54			
5,933	11320,303	7:58			
6,000	11319,578	8:02			
6,067	11319,578	8:06			
6,133	11320,303	8:10			

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SPERRY-SUN INTERNATIONAL INC.

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6,200	11321,029	8:14	18.04.1982
6,267	11321,755	8:18	
6,333	11321,755	8:22	
6,400	11321,755	8:26	
6,467	11321,029	8:30	
6,533	11321,755	8:34	
6,600	11322,480	8:38	
6,667	11323,206	8:42	
6,733	11322,480	8:46	
6,800	11322,480	8:50	
6,867	11322,480	8:54	
6,933	11321,755	8:58	
7,000	11321,755	9:02	
7,067	11322,480	9:06	
7,133	11321,755	9:10	
7,200	11321,755	9:14	
7,267	11321,755	9:18	
7,333	11321,029	9:22	
7,400	11321,755	9:26	
7,467	11321,029	9:30	
7,533	11321,029	9:34	
7,600	11321,029	9:38	
7,667	11321,029	9:42	
7,733	11321,029	9:46	
7,800	11321,029	9:50	
7,867	11320,303	9:54	
7,933	11320,303	9:58	
8,000	11321,029	10:02	
8,067	11321,029	10:06	
8,133	11321,029	10:10	
8,200	11326,303	10:14	
8,267	11321,029	10:18	
8,333	11321,029	10:22	
8,400	11320,303	10:26	
8,467	11320,303	10:30	
8,533	11320,303	10:34	
8,600	11319,578	10:38	
8,667	11320,303	10:42	
8,733	11321,029	10:46	
8,800	11322,480	10:50	
8,867	11322,480	10:54	
8,933	11321,755	10:58	
9,000	11322,480	11:02	
9,067	11322,480	11:06	
9,133	11322,480	11:10	
9,200	11321,755	11:14	
9,267	11322,480	11:18	

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
9,333	11322,480	11:22	18.04.1982
9,400	11322,480	11:26	
9,467	11321,755	11:30	
9,533	11322,480	11:34	
9,600	11322,480	11:38	
9,667	11321,755	11:42	
9,733	11321,755	11:46	
9,800	11321,755	11:50	
9,867	11321,029	11:54	
9,933	11321,029	11:58	
10,000	11321,029	12:02	
10,067	11320,303	12:06	
10,133	11320,303	12:10	
10,200	11321,029	12:14	
10,267	11320,303	12:18	
10,333	11320,303	12:22	
10,400	11320,303	12:26	
10,467	11320,303	12:30	
10,533	11320,303	12:34	
10,600	11319,578	12:38	
10,667	11321,029	12:42	
10,733	11321,029	12:46	
10,800	11321,755	12:50	
10,867	11321,755	12:54	
10,933	11321,755	12:58	
11,000	11321,755	13:02	
11,067	11321,029	13:06	
11,133	11321,755	13:10	
11,200	11321,029	13:14	
11,267	11322,480	13:18	
11,333	11321,755	13:22	
11,400	11321,755	13:26	
11,467	11321,755	13:30	
11,533	11322,480	13:34	
11,600	11321,755	13:38	
11,667	11321,029	13:42	
11,733	11321,755	13:46	
11,800	11321,029	13:50	
11,867	11320,303	13:54	
11,933	11320,303	13:58	
12,000	11320,303	14:02	
12,067	11320,303	14:06	
12,133	11320,303	14:10	
12,200	11319,578	14:14	
12,267	11318,852	14:18	
12,333	11319,578	14:22	
12,400	11320,303	14:26	

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(SECOND BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
12,467	11319,578	14:30	18.04.1982
12,533	11319,578	14:34	
12,600	11319,578	14:38	
12,667	11318,852	14:42	
12,733	11319,578	14:46	
12,800	11319,578	14:50	
12,867	11319,578	14:54	
12,933	11319,578	14:58	
13,000	11320,303	15:02	
13,067	11319,578	15:06	
13,133	11320,303	15:10	
13,200	11320,303	15:14	
13,267	11322,480	15:18	
13,333	11321,755	15:22	END OF BUILD-UP PERIOD

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MAGNETIC RECORDING PRESSURE GAUGE REPORT					
BRITISH PETROLEUM WILDCAT 29/6-1			OFFSHORE NORWAY 15 APRIL 1982 MRPG-1202-NOR		
DST 1	RUN 1	GAUGE 0190	SENSING DEPTH = 4285,66 M.	(POST-TEST PERIOD)	
DELTA TIME	GAUGE PRESSURE	TIME	DATE		
0,000	11321,755	15:22	18.04.1982	ATTEMPT TO OPEN APR-M VALVE	
0,067	11394,324	15:26			
0,133	11304,338	15:30			
0,200	11344,251	15:34			
0,267	11342,074	15:38			
0,333	11343,525	15:42			
0,400	11342,800	15:46			
0,467	11223,061	15:50			
0,533	10736,849	15:54			
0,600	11307,967	15:58			
0,667	11314,498	16:02			
0,733	11320,303	16:06		ATTEMPT TO OPEN RTTS VALVE	
0,800	11322,480	16:10			
0,867	11314,498	16:14			
0,933	11312,321	16:18			
1,000	11408,112	16:22			
1,067	11398,678	16:26		ATTEMPT TO OPEN APR-M VALVE	
1,133	11274,585	16:30			
1,200	11321,755	16:34			
1,267	11323,206	16:38			
1,333	11323,206	16:42			
1,400	11323,206	16:46			
1,467	11322,480	16:50			
1,533	11322,480	16:54			
1,600	11322,480	16:58			
1,667	11321,755	17:02			
1,733	11322,480	17:06			
1,800	11321,755	17:10			
1,867	11321,755	17:14			
1,933	11322,480	17:18			
2,000	11321,029	17:22			
2,067	11321,029	17:26			
2,133	11323,206	17:30			
2,200	11267,328	17:34			
2,267	11318,852	17:38			
2,333	11321,029	17:42		REVERSE-OUT ON 16/64" CHOKE	
2,400	11491,566	17:46			
2,467	11541,639	17:50			
2,533	11563,409	17:54			
2,600	11577,197	17:58			
2,667	11600,419	18:02			
2,733	11601,871	18:06			
2,800	11598,968	18:10			
2,867	12257,168	18:14			
2,933	12417,546	18:18			
3,000	12482,132	18:22			

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MAGNETIC RECORDING PRESSURE GAUGE REPORT					
BRITISH PETROLEUM			OFFSHORE NORWAY		
WILDCAT			15 APRIL 1982		
29/6-1			MRPG-1202-NOR		
DST 1	RUN 1	GAUGE 0190	SENSING DEPTH = 4285,66 M.		(POST-TEST PERIOD)
DELTA TIME	GAUGE PRESSURE	TIME	DATE		
3,067	12656,297	18:26	18.04.1982		
3,133	12456,733	18:30			
3,200	12535,833	18:34			
3,267	12744,106	18:38			
3,333	12664,280	18:42			
3,400	12290,550	18:46			
3,467	12274,585	18:50			
3,533	12264,425	18:54			
3,600	12255,717	18:58			
3,667	11826,109	19:02			
3,733	11786,922	19:06			
3,800	11770,956	19:10			
3,867	12553,975	19:14			
3,933	12548,895	19:18			
4,000	12469,795	19:22			
4,067	12463,264	19:26			
4,133	12433,511	19:30			
4,200	12448,025	19:34			
4,267	12415,369	19:38			
4,333	12410,289	19:42			
4,400	12457,459	19:46			
4,467	12491,566	19:50			
4,533	12485,035	19:54			
4,600	12457,459	19:58			
4,667	12443,670	20:02			
4,733	12441,493	20:06			
4,800	12432,059	20:10			
4,867	12422,625	20:14			
4,933	12403,758	20:18			
5,000	12391,421	20:22			
5,067	12374,730	20:26			
5,133	12511,885	20:30			
5,200	12527,850	20:34			
5,267	12505,354	20:38			
5,333	11887,792	20:42			
5,400	11805,789	20:46			
5,467	11574,295	20:50			
5,533	12022,045	20:54			
5,600	11903,758	20:58			
5,667	11844,251	21:02			
5,733	11821,755	21:06			
5,800	11796,356	21:10			
5,867	11775,311	21:14			
5,933	11647,589	21:18			
6,000	11763,699	21:22			
6,067	11744,832	21:26			
6,133	11741,203	21:30			
			PULL PACKER		
			(FINAL HYDROSTATIC?)		

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(POST-TEST PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6,200	11728,141	21:34	18.04.1982
6,267	11651,943	21:38	
6,333	11512,611	21:42	
6,400	11453,830	21:46	
6,467	11422,625	21:50	
6,533	11741,203	21:54	
6,600	11718,707	21:58	
6,667	11563,409	22:02	
6,733	11696,210	22:06	
6,800	11673,714	22:10	
6,867	11656,297	22:14	
6,933	11657,023	22:18	
7,000	11662,829	22:22	
7,067	11667,183	22:26	
7,133	11817,400	22:30	
7,200	11730,318	22:34	
7,267	12090,260	22:38	
7,333	11604,048	22:42	
7,400	11628,721	22:46	
7,467	11990,115	22:50	
7,533	11680,245	22:54	
7,600	11654,846	22:58	
7,667	11605,499	23:02	
7,733	11928,431	23:06	RESET PACKER
7,800	11806,515	23:10	
7,867	12160,652	23:14	
7,933	12038,010	23:18	
8,000	11973,424	23:22	
8,067	11941,493	23:26	
8,133	11932,785	23:30	
8,200	11920,448	23:34	
8,267	11869,650	23:38	
8,333	11879,810	23:42	
8,400	11903,032	23:46	
8,467	11906,660	23:50	
8,533	11885,615	23:54	
8,600	11986,486	23:58	
8,667	12052,524	0:02	19.04.1982
8,733	11925,528	0:06	
8,800	11898,678	0:10	
8,867	11878,358	0:14	
8,933	11926,980	0:18	
9,000	11938,591	0:22	
9,067	11798,533	0:26	
9,133	11848,605	0:30	COMMENCE POOH

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SPERRY-SUN INTERNATIONAL INC.

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(PRE TEST PERIOD)

DELTA TIME

TEMPERATURE

TIME

DATE

SET PACKER AT 11:45

0,000

294,3

11:46

17.04.1982

0,067

294,3

11:50

0,133

294,3

11:54

0,200

294,3

11:58

0,267

294,3

12:02

0,333

294,3

12:06

0,400

294,3

12:10

0,467

294,3

12:14

0,533

294,3

12:18

0,600

294,3

12:22

ATTEMPT TO OPEN APR-N VALVE

0,667

294,3

12:26

0,733

294,3

12:30

0,800

295,0

12:34

0,867

295,0

12:38

0,933

295,0

12:42

1,000

294,3

12:46

1,067

294,3

12:50

1,133

294,3

12:54

1,200

294,3

12:58

1,267

294,3

13:02

1,333

294,3

13:06

1,400

294,3

13:10

1,467

294,3

13:14

1,533

294,3

13:18

1,600

294,3

13:22

1,667

294,3

13:26

1,733

294,3

13:30

1,800

294,3

13:34

1,867

294,3

13:38

1,933

294,3

13:42

2,000

294,3

13:46

2,067

294,3

13:50

2,133

294,3

13:54

2,200

294,3

13:58

2,267

294,3

14:02

2,333

294,3

14:06

2,400

294,3

14:10

2,467

295,0

14:14

2,533

295,0

14:18

2,600

295,0

14:22

2,667

294,3

14:26

2,733

295,0

14:30

2,800

294,3

14:34

2,867

294,3

14:38

OPEN APR-N VALVE

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SPERRY-SUN INTERNATIONAL INC.

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

WILDCAT

29/6-1

OFFSHORE NORWAY

15 APRIL 1982

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(INITIAL FLOW PERIOD)

DELTA TIME

TEMPERATURE

TIME

DATE

0,000

294,3

14:38

17.04.1982

OPEN APR-N VALVE

0,067

294,3

14:42

BLEED-OFF TUBING ON 32/64"

0,133

294,3

14:46

END OF INITIAL FLOW PERIOD

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SPERRY-SUN INTERNATIONAL INC.

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(INITIAL BUILD-UP PERIOD)

DELTA TIME

TEMPERATURE

TIME

DATE

WELL SHUT-IN FOR BUILD-UP

0,000

294,3

14:46

17.04.1982

0,067

295,0

14:50

0,133

295,7

14:54

0,200

295,7

14:58

0,267

295,7

15:02

0,333

295,7

15:06

0,400

295,7

15:10

0,467

295,7

15:14

0,533

295,7

15:18

END OF INITIAL BUILD-UP PERIOD

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MAGNETIC RECORDING PRESSURE GAUGE REPORT				
BRITISH PETROLEUM			OFFSHORE NORWAY	
WILDCAT			15 APRIL 1982	
29/6-1			MRPG-1202-NOR	
DST 1	RUN 1	GAUGE 0190	SENSING DEPTH = 4285,66 M.	(SECOND FLOW PERIOD)
DELTA TIME	TEMPERATURE	TIME	DATE	
0,000	295,7	15:18	17.04.1982	WELL OPENED TO FLOW
0,067	295,7	15:22		ON 08/64" ADJ. CHOKE
0,133	295,7	15:26		
0,200	296,4	15:30		
0,267	296,4	15:34		
0,333	296,4	15:38		
0,400	296,4	15:42		
0,467	296,4	15:46		
0,533	296,4	15:50		
0,600	296,4	15:54		
0,667	296,4	15:58		
0,733	296,4	16:02		
0,800	296,4	16:06		
0,867	296,4	16:10		
0,933	296,4	16:14		
1,000	296,4	16:18		
1,067	297,2	16:22		
1,133	297,2	16:26		
1,200	297,2	16:30		
1,267	297,2	16:34		
1,333	297,9	16:38		
1,400	297,9	16:42		
1,467	297,9	16:46		
1,533	297,9	16:50		
1,600	298,6	16:54		
1,667	298,6	16:58		
1,733	298,6	17:02		
1,800	298,6	17:06		
1,867	299,3	17:10		
1,933	298,6	17:14		
2,000	298,6	17:18		
2,067	298,6	17:22		
2,133	298,6	17:26		
2,200	298,6	17:30		
2,267	299,3	17:34		
2,333	299,3	17:38		
2,400	299,3	17:42		
2,467	299,3	17:46		
2,533	299,3	17:50		WORKING CHOKE TO CLEAR PLUG
2,600	299,3	17:54		
2,667	299,3	17:58		
2,733	299,3	18:02		
2,800	300,0	18:06		
2,867	300,0	18:10		
2,933	300,0	18:14		
3,000	300,0	18:18		

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

WILDCAT

29/6-1

OFFSHORE NORWAY

15 APRIL 1982

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(SECOND FLOW PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE
3,067	300,0	18:22	17.04.1982
3,133	300,0	18:26	
3,200	300,0	18:30	
3,267	300,0	18:34	
3,333	300,0	18:38	
3,400	300,7	18:42	
3,467	300,7	18:46	
3,533	300,7	18:50	
3,600	300,7	18:54	
3,667	300,7	18:58	
3,733	300,7	19:02	
3,800	300,7	19:06	
3,867	300,7	19:10	
3,933	300,7	19:14	
4,000	300,7	19:18	
4,067	300,7	19:22	
4,133	300,7	19:26	
4,200	300,7	19:30	
4,267	300,7	19:34	
4,333	300,7	19:38	
4,400	300,7	19:42	
4,467	300,7	19:46	
4,533	300,7	19:50	
4,600	300,7	19:54	
4,667	300,7	19:58	
4,733	300,7	20:02	
4,800	300,7	20:06	
4,867	301,4	20:10	
4,933	301,4	20:14	
5,000	300,7	20:18	
5,067	301,4	20:22	
5,133	300,7	20:26	
5,200	300,7	20:30	
5,267	301,4	20:34	
5,333	301,4	20:38	
5,400	301,4	20:42	
5,467	301,4	20:46	
5,533	301,4	20:50	
5,600	301,4	20:54	
5,667	301,4	20:58	
5,733	301,4	21:02	
5,800	301,4	21:06	
5,867	301,4	21:10	
5,933	301,4	21:14	
6,000	301,4	21:18	
6,067	302,1	21:22	
6,133	302,1	21:26	

WORKING CHOKE TO CLEAR PLUG
(MAX. CHOKE SIZE 12/64")

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SPERRY-SUN INTERNATIONAL INC.

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(SECOND FLOW PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE
6,200	301,4	21:30	17.04.1982
6,267	301,4	21:34	
6,333	300,7	21:38	
6,400	300,7	21:42	
6,467	300,7	21:46	
6,533	300,7	21:50	
6,600	300,7	21:54	
6,667	300,7	21:58	
6,733	300,7	22:02	
6,800	300,7	22:06	
6,867	300,7	22:10	
6,933	301,4	22:14	
7,000	301,4	22:18	
7,067	301,4	22:22	
7,133	301,4	22:26	
7,200	301,4	22:30	
7,267	301,4	22:34	
7,333	302,1	22:38	
7,400	302,1	22:42	
7,467	302,1	22:46	
7,533	302,1	22:50	
7,600	302,1	22:54	
7,667	302,1	22:58	
7,733	302,1	23:02	
7,800	302,1	23:06	
7,867	302,1	23:10	
7,933	302,1	23:14	
8,000	302,1	23:18	
8,067	302,1	23:22	
8,133	302,1	23:26	
8,200	302,8	23:30	
8,267	302,8	23:34	
8,333	302,8	23:38	
8,400	302,8	23:42	
8,467	302,8	23:46	
8,533	302,8	23:50	
8,600	302,8	23:54	
8,667	302,8	23:58	
8,733	302,8	0:02	18.04.1982
8,800	302,8	0:06	
8,867	302,8	0:10	
8,933	302,8	0:14	
9,000	302,8	0:18	
9,067	302,8	0:22	
9,133	302,8	0:26	
9,200	302,8	0:30	
9,267	303,5	0:34	

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

WILDCAT

29/6-1

OFFSHORE NORWAY

15 APRIL 1982

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(SECOND FLOW PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE
9,333	303,5	0:38	18.04.1982
9,400	303,5	0:42	
9,467	303,5	0:46	
9,533	303,5	0:50	
9,600	303,5	0:54	
9,667	303,5	0:58	
9,733	303,5	1:02	
9,800	303,5	1:06	
9,867	303,5	1:10	
9,933	303,5	1:14	
10,000	303,5	1:18	
10,067	303,5	1:22	
10,133	303,5	1:26	
10,200	303,5	1:30	
10,267	303,5	1:34	
10,333	303,5	1:38	
10,400	303,5	1:42	
10,467	303,5	1:46	
10,533	303,5	1:50	
10,600	303,5	1:54	
10,667	303,5	1:58	
10,733	303,5	2:02	END OF FLOW PERIOD

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(SECOND BUILD-UP PERIOD)

DELTA TIME

TEMPERATURE

TIME

DATE

CLOSE APR-N VALVE
WELL SHUT-IN AT CHOKE

0,000

303,5

2:02

18.04.1982

0,067

304,2

2:06

0,133

304,2

2:10

0,200

304,2

2:14

0,267

304,2

2:18

0,333

303,5

2:22

0,400

303,5

2:26

0,467

303,5

2:30

0,533

302,8

2:34

0,600

302,8

2:38

0,667

302,8

2:42

0,733

302,8

2:46

0,800

302,1

2:50

0,867

302,1

2:54

0,933

302,1

2:58

1,000

302,1

3:02

1,067

301,4

3:06

1,133

301,4

3:10

1,200

301,4

3:14

1,267

301,4

3:18

1,333

301,4

3:22

1,400

301,4

3:26

1,467

301,4

3:30

1,533

301,4

3:34

1,600

301,4

3:38

1,667

301,4

3:42

1,733

301,4

3:46

1,800

301,4

3:50

1,867

301,4

3:54

1,933

301,4

3:58

2,000

301,4

4:02

2,067

300,7

4:06

2,133

300,7

4:10

2,200

300,7

4:14

2,267

300,7

4:18

2,333

300,7

4:22

2,400

300,7

4:26

2,467

300,7

4:30

2,533

300,7

4:34

2,600

300,7

4:38

2,667

300,7

4:42

2,733

300,7

4:46

2,800

300,7

4:50

2,867

300,7

4:54

2,933

300,7

4:58

3,000

300,7

5:02

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(SECOND BUILD-UP PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE
3,067	300,7	5:06	18.04.1982
3,133	300,7	5:10	
3,200	300,7	5:14	
3,267	300,7	5:18	
3,333	300,7	5:22	
3,400	300,7	5:26	
3,467	300,7	5:30	
3,533	300,7	5:34	
3,600	300,7	5:38	
3,667	300,7	5:42	
3,733	300,0	5:46	
3,800	300,0	5:50	
3,867	300,0	5:54	
3,933	300,0	5:58	
4,000	300,0	6:02	
4,067	300,0	6:06	
4,133	300,0	6:10	
4,200	300,0	6:14	
4,267	300,0	6:18	
4,333	300,0	6:22	
4,400	300,0	6:26	
4,467	300,0	6:30	
4,533	300,0	6:34	
4,600	300,0	6:38	
4,667	300,0	6:42	
4,733	300,0	6:46	
4,800	300,0	6:50	
4,867	300,0	6:54	
4,933	300,0	6:58	
5,000	300,0	7:02	
5,067	300,0	7:06	
5,133	300,0	7:10	
5,200	300,0	7:14	
5,267	300,0	7:18	
5,333	300,0	7:22	
5,400	300,0	7:26	
5,467	300,0	7:30	
5,533	300,0	7:34	
5,600	300,0	7:38	
5,667	300,0	7:42	
5,733	300,0	7:46	
5,800	300,0	7:50	
5,867	300,0	7:54	
5,933	300,0	7:58	
6,000	300,0	8:02	
6,067	300,0	8:06	
6,133	300,0	8:10	

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

WILDCAT

29/6-1

OFFSHORE NORWAY

15 APRIL 1982

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190

SENSING DEPTH = 4285,66 M.

(SECOND BUILD-UP PERIOD)

DELTA TIME

TEMPERATURE

TIME

DATE

6,200

300,0

8:14

18.04.1982

6,267

300,0

8:18

6,333

300,0

8:22

6,400

300,0

8:26

6,467

300,0

8:30

6,533

300,0

8:34

6,600

300,0

8:38

6,667

300,0

8:42

6,733

300,0

8:46

6,800

300,0

8:50

6,867

300,0

8:54

6,933

300,0

8:58

7,000

300,0

9:02

7,067

300,0

9:06

7,133

300,0

9:10

7,200

300,0

9:14

7,267

300,0

9:18

7,333

300,0

9:22

7,400

300,0

9:26

7,467

300,0

9:30

7,533

300,0

9:34

7,600

300,0

9:38

7,667

300,0

9:42

7,733

300,0

9:46

7,800

300,0

9:50

7,867

300,0

9:54

7,933

300,0

9:58

8,000

300,0

10:02

8,067

300,0

10:06

8,133

300,0

10:10

8,200

300,0

10:14

8,267

300,0

10:18

8,333

300,0

10:22

8,400

300,0

10:26

8,467

300,0

10:30

8,533

300,0

10:34

8,600

300,0

10:38

8,667

300,0

10:42

8,733

300,0

10:46

8,800

300,0

10:50

8,867

300,0

10:54

8,933

300,0

10:58

9,000

300,0

11:02

9,067

300,0

11:06

9,133

300,0

11:10

9,200

300,0

11:14

9,267

300,0

11:18

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(SECOND BUILD-UP PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE
9,333	300,0	11:22	18.04.1982
9,400	300,0	11:26	
9,467	300,0	11:30	
9,533	300,0	11:34	
9,600	300,0	11:38	
9,667	300,0	11:42	
9,733	299,3	11:46	
9,800	299,3	11:50	
9,867	299,3	11:54	
9,933	300,0	11:58	
10,000	299,3	12:02	
10,067	299,3	12:06	
10,133	299,3	12:10	
10,200	299,3	12:14	
10,267	299,3	12:18	
10,333	299,3	12:22	
10,400	300,0	12:26	
10,467	299,3	12:30	
10,533	299,3	12:34	
10,600	299,3	12:38	
10,667	299,3	12:42	
10,733	299,3	12:46	
10,800	299,3	12:50	
10,867	299,3	12:54	
10,933	299,3	12:58	
11,000	299,3	13:02	
11,067	299,3	13:06	
11,133	299,3	13:10	
11,200	299,3	13:14	
11,267	299,3	13:18	
11,333	299,3	13:22	
11,400	300,0	13:26	
11,467	299,3	13:30	
11,533	299,3	13:34	
11,600	299,3	13:38	
11,667	299,3	13:42	
11,733	299,3	13:46	
11,800	299,3	13:50	
11,867	299,3	13:54	
11,933	299,3	13:58	
12,000	299,3	14:02	
12,067	299,3	14:06	
12,133	299,3	14:10	
12,200	299,3	14:14	
12,267	299,3	14:18	
12,333	299,3	14:22	
12,400	299,3	14:26	

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

OFFSHORE NORWAY

WILDCAT

15 APRIL 1982

29/6-1

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190 SENSING DEPTH = 4285,66 M.

(SECOND BUILD-UP PERIOD)

DELTA TIME	TEMPERATURE	TIME	DATE
12,467	299,3	14:30	18.04.1982
12,533	299,3	14:34	
12,600	299,3	14:38	
12,667	299,3	14:42	
12,733	299,3	14:46	
12,800	299,3	14:50	
12,867	299,3	14:54	
12,933	299,3	14:58	
13,000	299,3	15:02	
13,067	299,3	15:06	
13,133	299,3	15:10	
13,200	299,3	15:14	
13,267	299,3	15:18	
13,333	299,3	15:22	

END OF BUILD-UP PERIOD

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MAGNETIC RECORDING PRESSURE GAUGE REPORT					
BRITISH PETROLEUM			OFFSHORE NORWAY		
WILDCAT			15 APRIL 1982		
29/6-1			MRPG-1202-NOR		
DST 1	RUN 1	GAUGE 0190	SENSING DEPTH = 4285,66 M.		(POST-TEST PERIOD)
DELTA TIME	TEMPERATURE	TIME	DATE		
0,000	299,3	15:22	18.04.1982		
0,067	299,3	15:26	ATTEMPT TO OPEN APR-M VALVE		
0,133	299,3	15:30			
0,200	299,3	15:34			
0,267	298,6	15:38			
0,333	298,6	15:42			
0,400	298,6	15:46			
0,467	297,9	15:50			
0,533	298,6	15:54			
0,600	299,3	15:58			
0,667	299,3	16:02			
0,733	300,0	16:06	ATTEMPT TO OPEN RTTS VALVE		
0,800	300,0	16:10			
0,867	300,0	16:14			
0,933	300,0	16:18			
1,000	300,0	16:22			
1,067	300,0	16:26	ATTEMPT TO OPEN APR-M VALVE		
1,133	300,0	16:30			
1,200	300,0	16:34			
1,267	300,0	16:38			
1,333	300,0	16:42			
1,400	300,0	16:46			
1,467	300,0	16:50			
1,533	299,3	16:54			
1,600	299,3	16:58			
1,667	299,3	17:02			
1,733	299,3	17:06			
1,800	299,3	17:10			
1,867	299,3	17:14			
1,933	299,3	17:18			
2,000	299,3	17:22			
2,067	299,3	17:26			
2,133	299,3	17:30			
2,200	299,3	17:34			
2,267	299,3	17:38			
2,333	300,0	17:42	REVERSE-OUT ON 16/64" CHOKE		
2,400	300,0	17:46			
2,467	300,0	17:50			
2,533	300,0	17:54			
2,600	300,0	17:58			
2,667	300,0	18:02			
2,733	300,0	18:06			
2,800	300,0	18:10			
2,867	300,0	18:14			
2,933	300,0	18:18			
3,000	300,0	18:22			

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MAGNETIC RECORDING PRESSURE GAUGE REPORT

BRITISH PETROLEUM

WILDCAT

29/6-1

OFFSHORE NORWAY

15 APRIL 1982

MRPG-1202-NOR

DST 1

RUN 1

GAUGE 0190

SENSING DEPTH = 4285,66 M.

(POST-TEST PERIOD)

DELTA TIME

TEMPERATURE

TIME

DATE

18.04.1982

3,067

300,0

18:26

3,133

300,0

18:30

3,200

300,0

18:34

3,267

300,0

18:38

3,333

300,0

18:42

3,400

299,3

18:46

3,467

299,3

18:50

3,533

299,3

18:54

3,600

299,3

18:58

3,667

299,3

19:02

3,733

299,3

19:06

3,800

299,3

19:10

3,867

299,3

19:14

3,933

299,3

19:18

4,000

299,3

19:22

4,067

299,3

19:26

4,133

299,3

19:30

4,200

299,3

19:34

4,267

299,3

19:38

4,333

299,3

19:42

4,400

299,3

19:46

4,467

299,3

19:50

4,533

299,3

19:54

4,600

299,3

19:58

4,667

299,3

20:02

4,733

299,3

20:06

4,800

299,3

20:10

4,867

299,3

20:14

4,933

299,3

20:18

5,000

299,3

20:22

5,067

298,6

20:26

5,133

299,3

20:30

5,200

299,3

20:34

5,267

299,3

20:38

5,333

298,6

20:42

5,400

298,6

20:46

5,467

298,6

20:50

5,533

298,6

20:54

5,600

297,9

20:58

5,667

297,9

21:02

5,733

297,9

21:06

5,800

297,9

21:10

5,867

297,2

21:14

5,933

297,2

21:18

6,000

297,2

21:22

6,067

297,2

21:26

6,133

297,2

21:30

PULL PACKER
(FINAL HYDROSTATIC?)

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MAGNETIC RECORDING PRESSURE GAUGE REPORT					
BRITISH PETROLEUM			OFFSHORE NORWAY		
WILDCAT			15 APRIL 1982		
29/6-1			MRPG-1202-NOR		
DST 1	RUN 1	GAUGE 0190	SENSING DEPTH = 4285,66 M.		(POST-TEST PERIOD)
DELTA TIME	TEMPERATURE	TIME	DATE		
6,200	297,2	21:34	18.04.1982		
6,267	297,2	21:34			
6,333	297,2	21:42			
6,400	297,2	21:46			
6,467	297,2	21:50			
6,533	297,2	21:54			
6,600	297,2	21:58			
6,667	297,2	22:02			
6,733	297,2	22:06			
6,800	297,2	22:10			
6,867	297,2	22:14			
6,933	297,2	22:18			
7,000	297,2	22:22			
7,067	296,4	22:26			
7,133	296,4	22:30			
7,200	296,4	22:34			
7,267	296,4	22:38			
7,333	296,4	22:42			
7,400	296,4	22:46			
7,467	296,4	22:50			
7,533	296,4	22:54			
7,600	296,4	22:58			
7,667	296,4	23:02			
7,733	296,4	23:06	RESET PACKER		
7,800	296,4	23:10			
7,867	296,4	23:14			
7,933	296,4	23:18			
8,000	295,7	23:22			
8,067	295,7	23:26			
8,133	295,7	23:30			
8,200	295,7	23:34			
8,267	295,7	23:38			
8,333	295,7	23:42			
8,400	295,7	23:46			
8,467	295,7	23:50			
8,533	295,0	23:54			
8,600	295,0	23:58			
8,667	295,7	0:02	19.04.1982		
8,733	295,7	0:06			
8,800	295,7	0:10			
8,867	295,7	0:14			
8,933	295,7	0:18			
9,000	295,7	0:22			
9,067	295,7	0:26			
9,133	295,7	0:30	COMMENCE POOH		