

Denne rapport
tilhører

 STATOIL

UND DOK.SENTER

L.NR. 12482060036

KODE Well 15/9-11 nr 10

sperry-si

Returneres etter bruk

al, inc.

Pressure Survey Report

For

STATOIL

WELL NO: 15/9-11

DATE : 07 DECEMBER 1981

TEST NO: DST 2, RUN 1



(A Sperry-Sun Company)

Precision Instruments / Professional Service



PRESSURE TEST DATA SUMMARY

 COMPANY: STATOIL DATE: 07 DECEMBER 1981

 FIELD: 15/9-GAMMA WELL NO: 15/9-11 JOB NO: MRPG-1043-NOR

 TEST TYPE: FLOW/BUILD-UP TEST NO: DST 2 RUN NO: 1 MAX B.H.T. 200 °F

 PERFORATION INTERVAL: 2432 - 2440 METRES ZONE: _____

	TOP	MIDDLE	BOTTOM
GAUGE TYPE/NO.	<u>FLOPETROL SSCR</u>	<u>MRPG/0136</u>	<u>MK III 1</u>
PRESSURE SENSING DEPTH	_____	<u>2420.9 M</u>	<u>2423.5 M</u>
ELEMENT SIZE	_____	<u>6.5 K</u>	<u>10 K</u>
TIME MODE	_____	<u>2 MIN</u>	<u>2 MIN</u>
BATTERY TYPE	_____	<u>MERCURY</u>	<u>SILVER OXIDE</u>

EVENT	SURFACE TIMES & DATES		TEMP. °F	
	GAUGE NO.	0136	1	
GAUGE START TIMES -				
	0136	05:01	7/12-81	
	1	04:55	"	
SET PACKER		00:37	8/12-81	170 171
OPEN APR-N VALVE		01:00	"	172 171
WELL OPENED ON 64/64" ADJ. CHOKE		01:07	"	191 180
REDUCE TO 48/64" ADJ. CHOKE		01:11	"	196 185
CHANGE TO 48/64" FIXED CHOKE		01:17	"	196 192
REDUCE TO 28/64" ADJ. CHOKE		01:37	"	198 197
CHANGE TO 28/64" FIXED CHOKE		01:45	"	198 198
INCREASE TO 32/64" FIXED CHOKE		03:38	"	199 199
FLOWING THRU HEATER		04:12	"	199 199
FLOWING THRU SEPERATOR		04:27	"	199 199
WELL SHUT-IN AT CHOKE MANIFOLD		10:53	"	200 200
CLOSE APR-N VALVE		11:00	"	200 200
BLEED-OFF TOOLSTRING		08:21	9/12-81	187 187
GAUGES OUT OF TOOLSTRING		04:00	10/12-81	

NOTE: GAUGE REPORT OF MRPG 0136 STOPS AFTER FIVE HOURS OF THE BUILD-UP PERIOD, AFTER WHICH TIME ERRATIC READINGS WERE OBTAINED.

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

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

17/11/81

SUNSHINE INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

STATOIL
15/9-GANNA
15/9-11

OFFSHORE NORWAY
7 DECEMBER 1981
MRPG-1043-NOR

DST 2, RUN 1. GAUGE 0136, SENSING DEPTH 2420.9 M. (INITIAL STATIC PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	3947.089	0:38	8-12-81	SET PACKER
0.033	3908.136	0:40		AT 00:37 (SURFACE TIME)
0.067	3935.247	0:42		
0.100	3944.285	0:44		
0.133	3954.880	0:46		
0.167	3947.401	0:48		
0.200	3945.219	0:50		
0.233	3954.568	0:52		
0.267	3956.438	0:54		
0.300	3954.880	0:56		
0.333	3956.126	0:58		END OF STATIC PERIOD

2/21/82

SPIERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 1

STATOIL
19/9-GAMMA
15/9-11

OFFSHORE NORWAY
7 DECEMBER 1981
MRPG-1043-NOR

DST 2, RUN 1. GAUGE 0136, SENSING DEPTH 2420.9 M. (FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	3956.126	0:58	8-12-81	OPEN APR-N VALVE
0.033	2666.628	1: 0		AT 01:00 (SURFACE TIME)
0.067	3042.134	1: 2		
0.100	3110.692	1: 4		
0.133	3173.016	1: 6		
0.167	3236.587	1: 8		FLOWING ON 64/64" ADJ CHOKE
0.200	3249.676	1:10		
0.233	3249.987	1:12		REDUCE TO 48/64" ADJ CHOKE
0.267	3328.205	1:14		
0.300	3392.711	1:16		
0.333	3384.297	1:18		CHANGE TO 48/64" FIXED CHOKE
0.367	3360.302	1:20		
0.400	3335.995	1:22		
0.433	3317.298	1:24		
0.467	3307.326	1:26		
0.500	3304.833	1:28		
0.533	3294.238	1:30		
0.567	3287.694	1:32		
0.600	3274.294	1:34		
0.633	3283.331	1:36		
0.667	3290.498	1:38		REDUCE TO 28/64"ADJ CHOKE
0.700	3303.898	1:40		
0.733	3317.610	1:42		
0.767	3324.465	1:44		
0.800	3335.060	1:46		CHANGE TO 28/64" FIXED CHOKE
0.833	3368.716	1:48		
0.867	3387.413	1:50		
0.900	3398.632	1:52		
0.933	3407.757	1:54		
0.967	3412.343	1:56		
1.000	3415.459	1:58		
1.033	3419.510	2: 0		
1.067	3420.757	2: 2		
1.100	3423.250	2: 4		
1.133	3423.562	2: 6		
1.167	3424.496	2: 8		
1.200	3424.808	2:10		
1.233	3425.120	2:12		
1.267	3423.873	2:14		
1.300	3423.250	2:16		
1.333	3424.496	2:18		
1.367	3422.627	2:20		
1.400	3424.496	2:22		
1.433	3424.808	2:24		
1.467	3426.055	2:26		
1.500	3426.989	2:28		

STATOIL
19/9-GAMMA
15/9-11

OFFSHORE NORWAY
7 DECEMBER 1981
MRPG-1043-NOR

DST 2, RUN 1. GAUGE 0136, SENSING DEPTH 2420.9 M. (FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
1.533	3429.482	2:30	8-12-81
1.567	3429.171	2:32	
1.600	3429.482	2:34	
1.633	3429.794	2:36	
1.667	3430.106	2:38	
1.700	3432.287	2:40	
1.733	3431.352	2:42	
1.767	3431.041	2:44	
1.800	3431.664	2:46	
1.833	3431.352	2:48	
1.867	3431.352	2:50	
1.900	3431.664	2:52	
1.933	3431.352	2:54	
1.967	3431.352	2:56	
2.000	3431.352	2:58	
2.033	3432.287	3: 0	
2.067	3431.975	3: 2	
2.100	3431.975	3: 4	
2.133	3432.599	3: 6	
2.167	3432.910	3: 8	
2.200	3432.910	3:10	
2.233	3433.222	3:12	
2.267	3433.222	3:14	
2.300	3434.157	3:16	
2.333	3433.222	3:18	
2.367	3433.534	3:20	
2.400	3432.599	3:22	
2.433	3434.780	3:24	
2.467	3434.468	3:26	
2.500	3433.534	3:28	
2.533	3433.534	3:30	
2.567	3434.468	3:32	
2.600	3433.845	3:34	
2.633	3428.236	3:36	
2.667	3424.185	3:38	
2.700	3421.692	3:40	
2.733	3420.445	3:42	
2.767	3419.510	3:44	
2.800	3418.264	3:46	
2.833	3418.264	3:48	
2.867	3417.952	3:50	
2.900	3418.576	3:52	
2.933	3417.641	3:54	
2.967	3417.641	3:56	
3.000	3416.394	3:58	
3.033	3417.641	4: 0	
3.067	3417.952	4: 2	

INCREASE TO 32/64" FIXED CHOKE

STATOIL
19/9-GAMMA
15/9-11OFFSHORE NORWAY
7 DECEMBER 1981
MRPG-1043-NOR

DST 2, RUN 1. GAUGE 0136, SENSING DEPTH 2420.9 M. (FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
3.100	3417.641	4: 4	8-12-81
3.133	3417.952	4: 6	
3.167	3418.576	4: 8	
3.200	3417.952	4:10	
3.233	3417.641	4:12	
3.267	3417.641	4:14	FLOW THRU HEATER
3.300	3417.329	4:16	
3.333	3417.017	4:18	
3.367	3417.641	4:20	
3.400	3417.017	4:22	
3.433	3417.329	4:24	
3.467	3417.641	4:26	
3.500	3416.706	4:28	FLOW THRU SEPERATOR
3.533	3417.017	4:30	
3.567	3417.329	4:32	
3.600	3417.017	4:34	
3.633	3417.329	4:36	
3.667	3417.641	4:38	
3.700	3416.706	4:40	
3.733	3417.017	4:42	
3.767	3417.329	4:44	
3.800	3417.017	4:46	
3.833	3417.017	4:48	
3.867	3417.017	4:50	
3.900	3417.641	4:52	
3.933	3417.329	4:54	
3.967	3417.329	4:56	
4.000	3417.329	4:58	
4.033	3416.706	5: 0	
4.067	3417.641	5: 2	
4.100	3418.576	5: 4	
4.133	3416.706	5: 6	
4.167	3418.264	5: 8	
4.200	3417.952	5:10	
4.233	3417.952	5:12	
4.267	3417.952	5:14	
4.300	3417.952	5:16	
4.333	3418.264	5:18	
4.367	3418.576	5:20	
4.400	3417.952	5:22	
4.433	3418.264	5:24	
4.467	3418.264	5:26	
4.500	3418.264	5:28	
4.533	3418.264	5:30	
4.567	3418.264	5:32	
4.600	3418.264	5:34	
4.633	3418.264	5:36	

2/21/82

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 4

STATOIL
19/9-GAMMA
15/9-11

OFFSHORE NORWAY
7 DECEMBER 1981
MRPG-1043-NOR

DST 2, RUN 1. GAUGE 0136, SENSING DEPTH 2420.9 M. (FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
4.667	3418.264	5:38	8-12-81
4.700	3418.576	5:40	
4.733	3418.576	5:42	
4.767	3418.887	5:44	
4.800	3418.887	5:46	
4.833	3420.445	5:48	
4.867	3418.887	5:50	
4.900	3417.952	5:52	
4.933	3418.887	5:54	
4.967	3418.264	5:56	
5.000	3418.887	5:58	
5.033	3418.576	6: 0	
5.067	3418.576	6: 2	
5.100	3418.264	6: 4	
5.133	3418.576	6: 6	
5.167	3418.264	6: 8	
5.200	3419.510	6:10	
5.233	3418.576	6:12	
5.267	3418.887	6:14	
5.300	3420.445	6:16	
5.333	3418.576	6:18	
5.367	3419.510	6:20	
5.400	3419.510	6:22	
5.433	3418.887	6:24	
5.467	3419.510	6:26	
5.500	3419.199	6:28	
5.533	3419.199	6:30	
5.567	3420.445	6:32	
5.600	3420.134	6:34	
5.633	3419.199	6:36	
5.667	3419.822	6:38	
5.700	3420.445	6:40	
5.733	3419.510	6:42	
5.767	3420.445	6:44	
5.800	3420.134	6:46	
5.833	3419.822	6:48	
5.867	3420.757	6:50	
5.900	3420.445	6:52	
5.933	3420.757	6:54	
5.967	3421.069	6:56	
6.000	3421.069	6:58	
6.033	3420.445	7: 0	
6.067	3421.692	7: 2	
6.100	3421.069	7: 4	
6.133	3421.380	7: 6	
6.167	3422.315	7: 8	
6.200	3423.873	7:10	

STATOIL
19/9-GAMMA
15/9-11OFFSHORE NORWAY
7 DECEMBER 1981
MRPG-1043-NOR

DST 2, RUN 1. GAUGE 0136, SENSING DEPTH 2420.9 M. (FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
6.233	3422.627	7:12	8-12-81
6.267	3419.822	7:14	
6.300	3457.217	7:16	
6.333	3422.315	7:18	
6.367	3421.692	7:20	
6.400	3421.380	7:22	
6.433	3421.069	7:24	
6.467	3421.380	7:26	
6.500	3422.003	7:28	
6.533	3421.069	7:30	
6.567	3422.315	7:32	
6.600	3421.380	7:34	
6.633	3421.069	7:36	
6.667	3421.692	7:38	
6.700	3422.938	7:40	
6.733	3421.380	7:42	
6.767	3421.692	7:44	
6.800	3422.003	7:46	
6.833	3422.003	7:48	
6.867	3422.003	7:50	
6.900	3421.692	7:52	
6.933	3421.692	7:54	
6.967	3422.627	7:56	
7.000	3422.315	7:58	
7.033	3422.003	8: 0	
7.067	3422.315	8: 2	
7.100	3422.003	8: 4	
7.133	3421.380	8: 6	
7.167	3422.938	8: 8	
7.200	3422.003	8:10	
7.233	3422.003	8:12	
7.267	3422.938	8:14	
7.300	3422.315	8:16	
7.333	3423.873	8:18	
7.367	3422.315	8:20	
7.400	3423.250	8:22	
7.433	3422.627	8:24	
7.467	3423.250	8:26	
7.500	3422.627	8:28	
7.533	3422.627	8:30	
7.567	3422.938	8:32	
7.600	3423.250	8:34	
7.633	3422.938	8:36	
7.667	3422.938	8:38	
7.700	3422.938	8:40	
7.733	3422.938	8:42	
7.767	3422.627	8:44	

STATOIL
19/9-GAMMA
15/9-11OFFSHORE NORWAY
7 DECEMBER 1981
MRPG-1043-NOR

DST 2, RUN 1. GAUGE 0136, SENSING DEPTH 2420.9 M. (FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
7.800	3422.938	8:46	8-12-81
7.833	3423.250	8:48	
7.867	3423.250	8:50	
7.900	3422.938	8:52	
7.933	3422.938	8:54	
7.967	3424.185	8:56	
8.000	3423.250	8:58	
8.033	3423.562	9: 0	
8.067	3423.250	9: 2	
8.100	3423.250	9: 4	
8.133	3423.250	9: 6	
8.167	3423.873	9: 8	
8.200	3423.250	9:10	
8.233	3423.562	9:12	
8.267	3423.873	9:14	
8.300	3423.562	9:16	
8.333	3423.873	9:18	
8.367	3423.873	9:20	
8.400	3423.562	9:22	
8.433	3425.431	9:24	
8.467	3423.562	9:26	
8.500	3423.562	9:28	
8.533	3424.496	9:30	
8.567	3424.185	9:32	
8.600	3423.873	9:34	
8.633	3425.743	9:36	
8.667	3424.496	9:38	
8.700	3423.873	9:40	
8.733	3424.808	9:42	
8.767	3426.055	9:44	
8.800	3424.808	9:46	
8.833	3425.743	9:48	
8.867	3425.120	9:50	
8.900	3426.366	9:52	
8.933	3425.120	9:54	
8.967	3425.120	9:56	
9.000	3425.431	9:58	
9.033	3425.743	10: 0	
9.067	3425.431	10: 2	
9.100	3424.496	10: 4	
9.133	3425.743	10: 6	
9.167	3425.743	10: 8	
9.200	3425.743	10:10	
9.233	3426.055	10:12	
9.267	3426.055	10:14	
9.300	3426.678	10:16	
9.333	3426.055	10:18	

2/21/82

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 7

STATOIL
19/9-GAMMA
15/9-11

OFFSHORE NORWAY
7 DECEMBER 1981
MRPG-1043-NOR

DST 2, RUN 1. GAUGE 0136, SENSING DEPTH 2420.9 M. (FLOW PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
9.367	3426.366	10:20	8-12-81
9.400	3425.431	10:22	
9.433	3425.743	10:24	
9.467	3425.743	10:26	
9.500	3425.120	10:28	
9.533	3425.743	10:30	
9.567	3426.055	10:32	
9.600	3426.678	10:34	
9.633	3425.743	10:36	
9.667	3426.989	10:38	
9.700	3425.743	10:40	
9.733	3426.055	10:42	
9.767	3426.055	10:44	
9.800	3425.743	10:46	END OF FLOW PERIOD

STATOIL
15/9-GAMMA
15/9-11OFFSHORE NORWAY
7 DECEMBER 1981
MRPG-1043-NOR

DST 2, RUN 1. GAUGE 0136, SENSING DEPTH 2420.9 M. (BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE	
0.000	3425.743	10:46	8-12-81	WELL SHUT IN AT CHOKE MANIFOLD
0.033	3431.664	10:48		
0.067	3439.454	10:50		
0.100	3453.769	10:52		
0.133	3476.849	10:54		
0.167	3494.923	10:56		
0.200	3502.402	10:58		
0.233	3507.388	11: 0		CLOSE APR-N VALVE
0.267	3511.128	11: 2		
0.300	3512.998	11: 4		
0.333	3516.114	11: 6		
0.367	3517.984	11: 8		
0.400	3517.672	11:10		
0.433	3519.542	11:12		
0.467	3520.788	11:14		
0.500	3520.788	11:16		
0.533	3522.035	11:18		
0.567	3523.261	11:20		
0.600	3522.969	11:22		
0.633	3523.593	11:24		
0.667	3524.528	11:26		
0.700	3524.216	11:28		
0.733	3524.216	11:30		
0.767	3525.151	11:32		
0.800	3525.462	11:34		
0.833	3525.151	11:36		
0.867	3526.086	11:38		
0.900	3526.086	11:40		
0.933	3525.774	11:42		
0.967	3526.709	11:44		
1.000	3526.709	11:46		
1.033	3526.709	11:48		
1.067	3527.332	11:50		
1.100	3526.709	11:52		
1.133	3526.709	11:54		
1.167	3527.332	11:56		
1.200	3527.332	11:58		
1.233	3527.644	12: 0		
1.267	3527.955	12: 2		
1.300	3527.644	12: 4		
1.333	3527.644	12: 6		
1.367	3528.267	12: 8		
1.400	3527.644	12:10		
1.433	3527.955	12:12		
1.467	3528.579	12:14		
1.500	3528.890	12:16		

2/21/82

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 2

STATOIL
15/9-GAMMA
15/9-11OFFSHORE NORWAY
7 DECEMBER 1981
MRPG-1043-NDR

DST 2, RUN 1. GAUGE 0136, SENSING DEPTH 2420.9 M. (BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
1.533	3527.955	12:18	8-12-81
1.567	3528.579	12:20	
1.600	3528.267	12:22	
1.633	3528.267	12:24	
1.667	3528.890	12:26	
1.700	3528.890	12:28	
1.733	3527.644	12:30	
1.767	3528.267	12:32	
1.800	3528.267	12:34	
1.833	3528.579	12:36	
1.867	3528.890	12:38	
1.900	3528.890	12:40	
1.933	3527.955	12:42	
1.967	3529.202	12:44	
2.000	3528.890	12:46	
2.033	3528.579	12:48	
2.067	3528.890	12:50	
2.100	3528.579	12:52	
2.133	3528.267	12:54	
2.167	3529.514	12:56	
2.200	3529.514	12:58	
2.233	3528.890	13: 0	
2.267	3529.514	13: 2	
2.300	3529.202	13: 4	
2.333	3528.579	13: 6	
2.367	3529.514	13: 8	
2.400	3529.202	13:10	
2.433	3528.579	13:12	
2.467	3529.514	13:14	
2.500	3529.202	13:16	
2.533	3528.890	13:18	
2.567	3529.514	13:20	
2.600	3529.514	13:22	
2.633	3528.579	13:24	
2.667	3530.137	13:26	
2.700	3529.825	13:28	
2.733	3530.137	13:30	
2.767	3530.448	13:32	
2.800	3530.137	13:34	
2.833	3529.514	13:36	
2.867	3530.448	13:38	
2.900	3529.825	13:40	
2.933	3529.514	13:42	
2.967	3530.448	13:44	
3.000	3530.760	13:46	
3.033	3529.514	13:48	
3.067	3530.137	13:50	

STATOIL
15/9-GAMMA
15/9-11OFFSHORE NORWAY
7 DECEMBER 1981
MRPG-1043-NOR

DST 2, RUN 1. GAUGE 0136, SENSING DEPTH 2420.9 M. (BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
3.100	3528.890	13:52	8-12-81
3.133	3528.890	13:54	
3.167	3529.825	13:56	
3.200	3529.825	13:58	
3.233	3529.514	14: 0	
3.267	3529.514	14: 2	
3.300	3528.890	14: 4	
3.333	3528.890	14: 6	
3.367	3530.448	14: 8	
3.400	3529.202	14:10	
3.433	3529.825	14:12	
3.467	3529.514	14:14	
3.500	3529.514	14:16	
3.533	3529.202	14:18	
3.567	3530.137	14:20	
3.600	3529.514	14:22	
3.633	3528.890	14:24	
3.667	3529.514	14:26	
3.700	3529.202	14:28	
3.733	3529.202	14:30	
3.767	3529.825	14:32	
3.800	3529.514	14:34	
3.833	3528.890	14:36	
3.867	3529.514	14:38	
3.900	3529.202	14:40	
3.933	3529.202	14:42	
3.967	3530.137	14:44	
4.000	3529.514	14:46	
4.033	3528.890	14:48	
4.067	3530.137	14:50	
4.100	3529.514	14:52	
4.133	3529.202	14:54	
4.167	3530.137	14:56	
4.200	3529.202	14:58	
4.233	3530.760	15: 0	
4.267	3529.825	15: 2	
4.300	3529.514	15: 4	
4.333	3529.825	15: 6	
4.367	3529.202	15: 8	
4.400	3528.890	15:10	
4.433	3529.514	15:12	
4.467	3529.825	15:14	
4.500	3529.514	15:16	
4.533	3529.825	15:18	
4.567	3529.825	15:20	
4.600	3529.825	15:22	
4.633	3529.825	15:24	

2/21/82

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

PAGE 4

STATOIL
15/9-GAMMA
15/9-11

OFFSHORE NORWAY
7 DECEMBER 1981
MRPG-1043-NOR

DST 2, RUN 1. GAUGE 0136, SENSING DEPTH 2420.9 M. (BUILD-UP PERIOD)

DELTA TIME	GAUGE PRESSURE	TIME	DATE
4.667	3529.825	15:26	8-12-81
4.700	3528.890	15:28	
4.733	3529.202	15:30	
4.767	3529.825	15:32	
4.800	3529.825	15:34	
4.833	3529.825	15:36	
4.867	3529.825	15:38	
4.900	3529.825	15:40	
4.933	3529.825	15:42	
4.967	3529.514	15:44	
5.000	3529.825	15:46	
5.033	3529.202	15:48	
5.067	3529.825	15:50	
5.100	3529.825	15:52	
5.133	3529.825	15:54	
5.167	3530.448	15:56	
5.200	3529.825	15:58	
5.233	3529.202	16: 0	
5.267	3529.514	16: 2	
5.300	3530.137	16: 4	
5.333	3529.514	16: 6	
5.367	3529.825	16: 8	
5.400	3529.825	16:10	

END OF GOOD READINGS