

Denne rapport
tilhører

 STATOIL

L&U DOK. SENTER

L. NR. 20088390062

KODE well 31/2-2 nc36

Returneres etter bruk

sperry

sonal, inc.

PRESSURE SURVEY REPORT

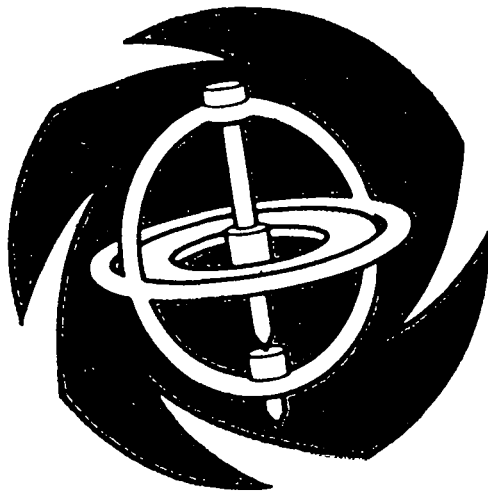
for

NORSKE SHELL A/S

WELL NO. 31/2-2

DATE: 4 SEPTEMBER 1980

TEST NO. 3, RUN no.2



(A Sperry-Sun Company)

Precision Instruments / Professional Service

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

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NORSKE SHELL
WILDCAT
31/2-2

OFFSHORE NORWAY
4 SEPTEMBER 1980
MRPG-668-NOR

MISCASEOUS SAND, PRESSURE TEST 3, RUN 2, GAUGE 0067, SENSING DEPTH AT 1566.8 M

DELTA TIME	PRESSURE	TIME	DATE
0.000	2270.383	1:40	4- 9-80
0.017	2269.990	1:41	GAUGE SEATED IN NIPPLE AT 01:37
0.033	2269.990	1:42	
0.050	2263.496	1:43	
0.067	2269.596	1:44	
0.083	2269.596	1:45	
0.117	2269.793	1:47	
0.133	2269.399	1:48	
0.150	2269.596	1:49	
0.167	2269.596	1:50	
0.183	2269.990	1:51	
0.200	2269.990	1:52	
0.217	2269.990	1:53	
0.233	2270.187	1:54	
0.250	2270.187	1:55	
0.267	2270.383	1:56	
0.283	2270.187	1:57	
0.300	2270.383	1:58	
0.317	2270.383	1:59	
0.333	2270.383	2: 0	
0.350	2270.580	2: 1	
0.367	2270.580	2: 2	
0.383	2270.580	2: 3	
0.400	2270.580	2: 4	
0.433	2270.580	2: 6	
0.450	2270.777	2: 7	
0.467	2270.974	2: 8	
0.483	2270.580	2: 9	
0.500	2270.777	2:10	
0.517	2270.383	2:11	
0.533	2270.383	2:12	
0.550	2270.187	2:13	
0.567	2270.383	2:14	
0.583	2270.383	2:15	
0.600	2270.383	2:16	
0.617	2270.580	2:17	
0.633	2270.383	2:18	
0.650	2270.383	2:19	
0.667	2270.383	2:20	
0.683	2270.383	2:21	
0.700	2270.187	2:22	
0.717	2270.383	2:23	
0.733	2270.187	2:24	
0.750	2270.383	2:25	
0.767	2270.383	2:26	
0.783	2270.383	2:27	

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DELTA TIME	PRESSURE	TIME	DATE
0.800	2270.383	2:28	4-9-80
0.833	2270.580	2:30	
0.850	2270.383	2:31	
0.867	2270.383	2:32	
0.883	2270.383	2:33	
0.900	2270.383	2:34	
0.917	2270.383	2:35	
0.933	2270.383	2:36	
0.950	2270.383	2:37	
0.967	2270.187	2:38	
0.983	2270.383	2:39	
1.000	2270.383	2:40	

OPEN WELL AT 02:41

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DELTA TIME	PRESSURE	TIME	DATE
0.000	2270.383	2:40	4-9-80 OPEN WELL AT 02:41
0.017	2220.009	2:41	ON 18/64" CHOKE
0.033	2215.680	2:42	
0.050	2234.571	2:43	
0.067	2245.393	2:44	
0.083	2250.312	2:45	
0.100	2251.887	2:46	
0.117	2253.067	2:47	
0.133	2253.854	2:48	
0.150	2255.822	2:49	
0.167	2261.529	2:50	
0.183	2259.167	2:51	
0.200	2274.516	2:52	
0.217	2274.122	2:53	
0.233	2271.957	2:54	
0.250	2268.416	2:55	
0.267	2265.661	2:56	
0.283	2265.070	2:57	
0.300	2265.464	2:58	
0.317	2264.087	2:59	
0.333	2263.693	3:0	
0.350	2260.938	3:1	
0.367	2260.741	3:2	
0.383	2260.545	3:3	
0.400	2259.954	3:4	
0.417	2260.348	3:5	
0.433	2259.758	3:6	
0.450	2260.741	3:7	
0.467	2259.364	3:8	
0.483	2258.577	3:9	
0.500	2258.577	3:10	
0.517	2258.380	3:11	
0.533	2257.790	3:12	
0.550	2257.003	3:13	
0.567	2254.838	3:14	
0.583	2256.216	3:15	
0.600	2253.461	3:16	
0.617	2250.903	3:17	CHOKE CHANGE TO 22/64 AT 03:17
0.633	2249.329	3:18	
0.650	2250.706	3:19	
0.667	2250.509	3:20	
0.700	2251.493	3:22	
0.717	2249.722	3:23	
0.733	2250.509	3:24	
0.750	2249.132	3:25	
0.767	2248.935	3:26	

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MISCASEOUS SAND, PRESSURE TEST 3, RUN 2, GAUGE 0067, SENSING DEPTH AT 1566.8 M

DELTA TIME	PRESSURE	TIME	DATE
0.783	2249.919	3:27	4-9-80
0.800	2248.935	3:28	
0.817	2247.558	3:29	
0.850	2246.574	3:31	
0.867	2246.377	3:32	
0.883	2247.164	3:33	
0.900	2247.164	3:34	
0.917	2245.983	3:35	
0.933	2246.574	3:36	
0.950	2246.377	3:37	
0.967	2246.377	3:38	
0.983	2245.000	3:39	
1.000	2246.967	3:40	
1.017	2246.574	3:41	
1.033	2245.787	3:42	
1.050	2244.213	3:43	
1.067	2246.180	3:44	
1.083	2246.771	3:45	
1.100	2244.606	3:46	
1.117	2244.803	3:47	
1.133	2245.000	3:48	
1.150	2245.590	3:49	
1.167	2245.393	3:50	
1.183	2246.771	3:51	
1.200	2245.196	3:52	
1.217	2245.393	3:53	
1.233	2245.393	3:54	
1.250	2243.622	3:55	
1.267	2242.835	3:56	
1.283	2244.213	3:57	
1.300	2242.442	3:58	
1.317	2243.819	3:59	
1.333	2244.016	4:0	
1.350	2243.622	4:1	
1.367	2244.016	4:2	
1.400	2244.213	4:4	
1.417	2245.787	4:5	
1.433	2245.393	4:6	
1.450	2244.213	4:7	
1.467	2245.196	4:8	
1.483	2244.803	4:9	
1.500	2245.590	4:10	
1.517	2245.393	4:11	
1.533	2245.000	4:12	
1.550	2244.606	4:13	
1.567	2245.000	4:14	
1.583	2245.196	4:15	

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MISCASEOUS SAND, PRESSURE TEST 3, RUN 2, GAUGE 0067, SENSING DEPTH AT 1566.8 M

DELTA TIME	PRESSURE	TIME	DATE
1.600	2244.213	4:16	4- 9-80
1.617	2244.016	4:17	
1.633	2244.606	4:18	
1.650	2244.606	4:19	
1.667	2244.016	4:20	
1.683	2244.213	4:21	
1.700	2244.016	4:22	
1.717	2244.606	4:23	
1.733	2245.000	4:24	
1.750	2244.803	4:25	
1.767	2245.196	4:26	
1.783	2243.622	4:27	
1.800	2244.016	4:28	
1.817	2243.819	4:29	
1.833	2243.425	4:30	
1.850	2244.409	4:31	
1.867	2244.606	4:32	
1.883	2243.425	4:33	
1.900	2245.000	4:34	
1.917	2244.606	4:35	
1.933	2244.409	4:36	
1.950	2244.409	4:37	
1.967	2244.803	4:38	
1.983	2244.803	4:39	
2.000	2245.787	4:40	
2.017	2245.393	4:41	
2.033	2245.000	4:42	
2.050	2245.393	4:43	
2.067	2245.393	4:44	
2.083	2245.983	4:45	
2.100	2246.574	4:46	
2.117	2246.574	4:47	
2.133	2247.754	4:48	
2.150	2247.164	4:49	
2.167	2246.967	4:50	
2.183	2247.951	4:51	
2.200	2248.345	4:52	
2.217	2248.148	4:53	
2.233	2249.132	4:54	
2.250	2248.738	4:55	
2.267	2249.722	4:56	
2.300	2248.738	4:58	
2.317	2248.542	4:59	
2.333	2248.935	5: 0	
2.350	2248.542	5: 1	
2.367	2248.935	5: 2	
2.383	2249.919	5: 3	

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DELTA TIME	PRESSURE	TIME	DATE
2.400	2244.803	5: 4	4- 9-80
2.417	2246.967	5: 5	
2.433	2247.361	5: 6	
2.450	2246.180	5: 7	
2.467	2245.393	5: 8	
2.483	2245.983	5: 9	
2.500	2245.393	5:10	
2.517	2245.590	5:11	
2.533	2246.180	5:12	
2.550	2246.180	5:13	
2.567	2245.590	5:14	
2.583	2245.590	5:15	
2.600	2245.590	5:16	
2.617	2245.000	5:17	
2.633	2246.574	5:18	
2.650	2245.590	5:19	
2.667	2245.590	5:20	
2.683	2245.983	5:21	
2.700	2245.393	5:22	
2.717	2245.590	5:23	
2.733	2247.361	5:24	
2.750	2246.574	5:25	
2.767	2246.574	5:26	
2.783	2248.738	5:27	
2.800	2248.345	5:28	
2.817	2248.345	5:29	
2.833	2248.542	5:30	
2.850	2248.738	5:31	
2.867	2248.738	5:32	
2.883	2247.754	5:33	
2.900	2249.525	5:34	
2.917	2249.132	5:35	
2.933	2249.132	5:36	
2.950	2249.525	5:37	
2.967	2249.722	5:38	
2.983	2250.116	5:39	
3.000	2249.919	5:40	
3.017	2250.706	5:41	
3.033	2248.738	5:42	
3.050	2249.329	5:43	
3.067	2248.935	5:44	
3.083	2250.509	5:45	
3.100	2250.903	5:46	
3.117	2248.935	5:47	
3.133	2248.738	5:48	
3.150	2250.116	5:49	
3.167	2249.525	5:50	

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DELTA TIME	PRESSURE	TIME	DATE
3.183	2249.722	5:51	4-9-80
3.200	2249.919	5:52	
3.217	2248.148	5:53	
3.233	2249.329	5:54	
3.250	2248.345	5:55	
3.267	2251.100	5:56	
3.283	2251.100	5:57	
3.300	2248.542	5:58	
3.317	2248.542	5:59	
3.333	2247.754	6:00	
3.350	2247.361	6:01	
3.367	2247.558	6:02	
3.383	2247.951	6:03	
3.400	2249.525	6:04	
3.417	2249.722	6:05	
3.433	2249.525	6:06	
3.450	2246.574	6:07	
3.467	2248.148	6:08	
3.483	2249.329	6:09	
3.500	2248.935	6:10	
3.517	2248.738	6:11	
3.533	2248.738	6:12	
3.550	2249.329	6:13	
3.567	2249.525	6:14	
3.583	2250.903	6:15	
3.600	2249.525	6:16	
3.617	2247.361	6:17	
3.633	2249.132	6:18	
3.650	2248.542	6:19	
3.667	2250.312	6:20	
3.683	2250.312	6:21	
3.700	2248.345	6:22	
3.717	2251.493	6:23	
3.733	2251.690	6:24	
3.750	2251.887	6:25	
3.767	2248.935	6:26	
3.783	2249.525	6:27	
3.800	2250.312	6:28	
3.817	2250.116	6:29	
3.833	2251.493	6:30	
3.850	2250.312	6:31	
3.867	2251.690	6:32	
3.883	2252.083	6:33	
3.900	2251.100	6:34	
3.917	2250.509	6:35	
3.933	2251.493	6:36	
3.950	2250.903	6:37	

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MISCASEOUS SAND, PRESSURE TEST 3, RUN 2, GAUGE 0067, SENSING DEPTH AT 1566.8 M

DELTA TIME	PRESSURE	TIME	DATE
3.967	2252.871	6:38	4- 9-80
3.983	2252.674	6:39	
4.000	2252.871	6:40	
4.017	2252.477	6:41	
4.033	2251.100	6:42	
4.050	2250.312	6:43	
4.067	2252.083	6:44	
4.083	2252.674	6:45	
4.100	2253.461	6:46	
4.117	2254.641	6:47	
4.133	2253.854	6:48	
4.150	2254.051	6:49	
4.167	2251.690	6:50	
4.183	2251.296	6:51	
4.200	2250.706	6:52	
4.217	2249.919	6:53	
4.233	2252.477	6:54	
4.250	2251.887	6:55	
4.267	2250.903	6:56	
4.283	2250.312	6:57	
4.300	2252.083	6:58	
4.317	2252.083	6:59	
4.333	2251.493	7: 0	
4.350	2252.083	7: 1	
4.367	2252.871	7: 2	
4.383	2252.674	7: 3	
4.400	2252.083	7: 4	
4.417	2253.461	7: 5	
4.433	2252.083	7: 6	
4.450	2253.854	7: 7	
4.467	2252.083	7: 8	
4.483	2252.083	7: 9	
4.500	2253.264	7:10	
4.517	2254.051	7:11	
4.533	2254.248	7:12	
4.550	2254.641	7:13	
4.567	2255.429	7:14	
4.583	2253.264	7:15	
4.600	2252.871	7:16	
4.617	2253.658	7:17	
4.633	2252.280	7:18	
4.650	2252.280	7:19	
4.667	2253.658	7:20	
4.683	2254.838	7:21	
4.700	2255.035	7:22	
4.717	2255.429	7:23	
4.733	2256.216	7:24	

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DELTA TIME	PRESSURE	TIME	DATE
4.750	2257.593	7:25	4- 9-80
4.767	2255.822	7:26	
4.783	2253.067	7:27	
4.800	2252.674	7:28	
4.817	2252.083	7:29	
4.833	2254.838	7:30	
4.850	2255.035	7:31	
4.867	2252.083	7:32	
4.883	2251.493	7:33	
4.900	2251.493	7:34	
4.917	2251.493	7:35	
4.933	2252.477	7:36	
4.950	2250.706	7:37	
4.967	2253.461	7:38	
4.983	2254.641	7:39	
5.000	2255.232	7:40	
5.017	2252.871	7:41	
5.033	2251.887	7:42	
5.050	2253.854	7:43	
5.067	2255.035	7:44	
5.083	2252.674	7:45	
5.100	2253.854	7:46	
5.117	2250.706	7:47	
5.133	2251.690	7:48	
5.150	2253.067	7:49	
5.167	2255.232	7:50	
5.183	2255.625	7:51	
5.200	2254.051	7:52	
5.217	2255.232	7:53	
5.233	2253.658	7:54	
5.250	2253.461	7:55	
5.267	2255.035	7:56	
5.283	2256.609	7:57	
5.300	2257.593	7:58	
5.317	2259.364	7:59	
5.350	2259.954	8: 1	
5.367	2260.151	8: 2	
5.383	2252.477	8: 3	
5.400	2250.312	8: 4	
5.417	2251.296	8: 5	
5.433	2250.903	8: 6	
5.450	2253.264	8: 7	
5.467	2251.296	8: 8	
5.483	2252.280	8: 9	
5.500	2253.264	8:10	
5.517	2253.658	8:11	
5.533	2255.625	8:12	

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MISCASEOUS SAND, PRESSURE TEST 3, RUN 2, GAUGE 0067, SENSING DEPTH AT 1566.8 M

DELTA TIME	PRESSURE	TIME	DATE
5.550	2255.035	8:13	4-9-80
5.567	2255.429	8:14	
5.583	2255.822	8:15	
5.600	2256.019	8:16	
5.617	2256.412	8:17	
5.633	2256.019	8:18	
5.650	2257.200	8:19	
5.667	2250.509	8:20	
5.683	2249.132	8:21	
5.700	2247.558	8:22	
5.717	2249.132	8:23	
5.733	2250.116	8:24	
5.750	2250.116	8:25	
5.767	2250.706	8:26	
5.783	2252.083	8:27	
5.800	2253.461	8:28	
5.817	2256.216	8:29	
5.833	2252.871	8:30	
5.850	2254.838	8:31	
5.867	2254.051	8:32	
5.883	2251.100	8:33	
5.900	2251.493	8:34	
5.917	2252.674	8:35	
5.933	2255.429	8:36	
5.950	2251.100	8:37	
5.967	2251.690	8:38	
5.983	2251.493	8:39	
6.000	2252.871	8:40	
6.017	2253.854	8:41	
6.033	2255.625	8:42	
6.050	2256.019	8:43	
6.067	2256.412	8:44	
6.083	2256.216	8:45	
6.100	2256.019	8:46	
6.117	2255.232	8:47	
6.133	2254.445	8:48	
6.150	2255.822	8:49	
6.167	2255.429	8:50	
6.183	2254.641	8:51	
6.200	2250.509	8:52	
6.217	2249.329	8:53	
6.233	2247.754	8:54	
6.250	2251.100	8:55	
6.267	2250.312	8:56	
6.283	2250.312	8:57	
6.300	2252.477	8:58	
6.317	2253.658	8:59	

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4 SEPTEMBER 1980
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MISCASEOUS SAND, PRESSURE TEST 3, RUN 2, GAUGE 0067, SENSING DEPTH AT 1566.8 M

DELTA TIME	PRESSURE	TIME	DATE
6.333	2251.887	9: 0	4- 9-80
6.350	2249.919	9: 1	
6.367	2252.477	9: 2	
6.383	2253.658	9: 3	
6.400	2255.035	9: 4	
6.417	2255.429	9: 5	
6.433	2254.838	9: 6	
6.450	2252.083	9: 7	
6.467	2249.919	9: 8	
6.483	2250.312	9: 9	
6.500	2252.083	9:10	
6.517	2251.887	9:11	
6.533	2252.871	9:12	
6.550	2252.477	9:13	
6.567	2252.477	9:14	
6.583	2252.477	9:15	
6.600	2255.822	9:16	
6.617	2253.658	9:17	
6.633	2254.445	9:18	
6.650	2254.248	9:19	
6.667	2254.051	9:20	
6.683	2254.051	9:21	
6.700	2254.248	9:22	
6.717	2253.264	9:23	
6.733	2252.083	9:24	
6.750	2253.461	9:25	
6.767	2253.461	9:26	
6.783	2254.445	9:27	
6.800	2254.641	9:28	
6.817	2254.445	9:29	
6.833	2254.051	9:30	
6.850	2254.051	9:31	
6.867	2255.232	9:32	
6.883	2251.100	9:33	
6.900	2252.083	9:34	
6.917	2252.083	9:35	
6.933	2253.264	9:36	
6.950	2252.871	9:37	
6.967	2254.248	9:38	
6.983	2255.035	9:39	
7.000	2254.838	9:40	
7.017	2255.822	9:41	
7.033	2255.035	9:42	
7.050	2255.232	9:43	
7.067	2255.429	9:44	
7.083	2257.396	9:45	
7.100	2257.790	9:46	

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DELTA TIME	PRESSURE	TIME	DATE
7.117	2257.003	9:47	4- 9-80
7.133	2256.806	9:48	
7.150	2253.067	9:49	
7.167	2251.100	9:50	
7.200	2249.919	9:52	
7.233	2251.493	9:54	
7.250	2252.871	9:55	
7.267	2251.493	9:56	
7.283	2251.887	9:57	
7.300	2251.493	9:58	
7.317	2251.493	9:59	
7.333	2251.690	10: 0	
7.350	2249.722	10: 1	
7.367	2251.100	10: 2	
7.383	2250.706	10: 3	
7.400	2250.706	10: 4	
7.417	2249.919	10: 5	
7.433	2250.903	10: 6	
7.450	2249.329	10: 7	
7.467	2249.525	10: 8	
7.483	2249.919	10: 9	
7.500	2250.706	10:10	
7.517	2251.296	10:11	
7.533	2255.232	10:12	
7.550	2253.658	10:13	
7.567	2254.445	10:14	
7.583	2253.658	10:15	
7.600	2254.248	10:16	
7.617	2254.838	10:17	
7.633	2254.445	10:18	
7.650	2255.625	10:19	
7.667	2254.248	10:20	
7.683	2254.051	10:21	
7.700	2254.051	10:22	
7.717	2253.658	10:23	
7.733	2252.871	10:24	
7.750	2252.871	10:25	
7.767	2252.083	10:26	
7.783	2248.935	10:27	
7.800	2249.132	10:28	
7.817	2249.132	10:29	
7.833	2249.722	10:30	
7.850	2248.738	10:31	
7.867	2249.132	10:32	
7.883	2248.935	10:33	
7.900	2249.722	10:34	
7.917	2251.296	10:35	

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DELTA TIME	PRESSURE	TIME	DATE
7.933	2253.854	10:36	4-9-80
7.950	2242.835	10:37	
7.967	2231.029	10:38	
7.983	2232.603	10:39	CHOKER CHANGE TO 30/64 AT 10:39
8.000	2236.342	10:40	
8.017	2239.293	10:41	
8.033	2228.471	10:42	CHOKER CHANGE TO 34/64 AT 10:42
8.050	2224.535	10:43	
8.067	2224.338	10:44	
8.083	2222.567	10:45	
8.100	2223.355	10:46	
8.117	2226.109	10:47	
8.133	2228.077	10:48	
8.150	2224.142	10:49	
8.183	2221.387	10:51	
8.200	2226.700	10:52	
8.217	2229.651	10:53	
8.233	2227.487	10:54	
8.250	2227.093	10:55	
8.267	2226.896	10:56	
8.283	2224.732	10:57	
8.300	2224.535	10:58	
8.317	2224.732	10:59	
8.333	2225.913	11:00	
8.350	2226.109	11:01	
8.367	2225.519	11:02	
8.383	2226.896	11:03	
8.400	2229.848	11:04	
8.417	2228.274	11:05	
8.433	2225.126	11:06	
8.450	2224.535	11:07	
8.467	2227.093	11:08	
8.483	2228.471	11:09	
8.500	2223.158	11:10	
8.517	2221.977	11:11	
8.550	2224.338	11:13	
8.567	2228.274	11:14	
8.583	2225.519	11:15	
8.600	2225.519	11:16	
8.617	2224.338	11:17	
8.633	2223.945	11:18	
8.650	2227.290	11:19	
8.667	2226.896	11:20	
8.683	2229.258	11:21	
8.700	2230.242	11:22	
8.717	2228.471	11:23	
8.733	2227.684	11:24	

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DELTA TIME	PRESSURE	TIME	DATE
8.750	2224.732	11:25	4- 9-80
8.767	2228.274	11:26	
8.783	2226.109	11:27	
8.800	2226.896	11:28	
8.817	2226.896	11:29	
8.833	2224.142	11:30	
8.850	2226.306	11:31	
8.867	2224.732	11:32	
8.883	2225.716	11:33	
8.900	2227.487	11:34	
8.917	2228.077	11:35	
8.933	2225.716	11:36	
8.950	2223.945	11:37	
8.967	2223.551	11:38	
8.983	2227.290	11:39	
9.000	2228.274	11:40	
9.017	2228.274	11:41	
9.033	2228.667	11:42	
9.050	2227.093	11:43	
9.067	2225.519	11:44	
9.083	2222.764	11:45	
9.100	2223.355	11:46	
9.117	2222.764	11:47	
9.133	2221.780	11:48	
9.150	2221.387	11:49	
9.167	2223.355	11:50	
9.183	2222.764	11:51	
9.200	2222.174	11:52	
9.217	2225.519	11:53	
9.233	2225.716	11:54	
9.250	2222.567	11:55	
9.267	2222.764	11:56	
9.283	2220.600	11:57	
9.300	2222.764	11:58	
9.317	2221.780	11:59	
9.333	2223.158	12: 0	
9.350	2221.780	12: 1	
9.367	2222.371	12: 2	
9.383	2224.732	12: 3	
9.400	2224.535	12: 4	
9.417	2223.748	12: 5	
9.433	2223.945	12: 6	
9.450	2223.748	12: 7	
9.483	2221.387	12: 9	
9.500	2222.567	12:10	
9.517	2223.945	12:11	
9.533	2222.764	12:12	

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DELTA TIME	PRESSURE	TIME	DATE
9.550	2223.158	12:13	4-9-80
9.567	2222.764	12:14	
9.583	2221.584	12:15	
9.600	2225.913	12:16	
9.633	2225.322	12:18	
9.650	2222.764	12:19	
9.667	2224.732	12:20	
9.683	2224.338	12:21	
9.700	2223.158	12:22	
9.717	2221.387	12:23	
9.733	2223.748	12:24	
9.750	2223.158	12:25	
9.767	2222.961	12:26	
9.783	2221.977	12:27	
9.800	2220.993	12:28	
9.817	2224.732	12:29	
9.850	2223.355	12:31	
9.867	2222.371	12:32	
9.883	2222.174	12:33	
9.900	2222.567	12:34	
9.917	2222.371	12:35	
9.933	2224.142	12:36	
9.950	2223.748	12:37	
9.967	2224.535	12:38	
9.983	2223.748	12:39	
10.000	2223.158	12:40	
10.033	2226.306	12:42	
10.050	2224.929	12:43	
10.067	2224.142	12:44	
10.083	2224.929	12:45	
10.100	2222.961	12:46	
10.117	2225.519	12:47	
10.133	2225.519	12:48	
10.150	2224.338	12:49	
10.167	2222.961	12:50	
10.183	2223.748	12:51	
10.200	2225.322	12:52	
10.217	2224.929	12:53	
10.233	2225.322	12:54	
10.250	2224.929	12:55	
10.267	2224.732	12:56	
10.283	2224.142	12:57	
10.300	2223.158	12:58	
10.317	2224.929	12:59	
10.333	2224.338	13:0	
10.350	2226.503	13:1	
10.367	2224.929	13:2	

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DELTA TIME	PRESSURE	TIME	DATE
10.383	2223.355	13: 3	4- 9-80
10.400	2225.913	13: 4	
10.433	2227.093	13: 6	
10.450	2226.306	13: 7	
10.467	2228.864	13: 8	
10.483	2226.896	13: 9	
10.500	2225.716	13:10	
10.517	2228.077	13:11	
10.533	2228.471	13:12	
10.550	2227.290	13:13	
10.567	2225.126	13:14	
10.583	2228.274	13:15	
10.600	2227.880	13:16	
10.617	2227.093	13:17	
10.633	2225.716	13:18	
10.650	2226.306	13:19	
10.667	2225.322	13:20	
10.683	2225.716	13:21	
10.700	2226.700	13:22	
10.717	2224.535	13:23	
10.733	2225.519	13:24	
10.750	2225.322	13:25	
10.767	2224.338	13:26	
10.783	2224.929	13:27	
10.800	2225.716	13:28	
10.817	2223.945	13:29	
10.833	2225.913	13:30	
10.850	2226.700	13:31	
10.867	2228.274	13:32	
10.883	2225.913	13:33	
10.900	2226.700	13:34	
10.917	2226.306	13:35	
10.933	2226.306	13:36	
10.950	2225.913	13:37	
10.967	2224.732	13:38	
10.983	2224.535	13:39	
11.000	2224.142	13:40	
11.017	2226.700	13:41	
11.033	2224.732	13:42	
11.050	2226.306	13:43	
11.067	2225.716	13:44	
11.083	2225.913	13:45	
11.100	2227.093	13:46	
11.117	2224.732	13:47	
11.133	2223.355	13:48	
11.150	2224.535	13:49	
11.167	2223.945	13:50	

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DELTA TIME	PRESSURE	TIME	DATE
11.183	2226.109	13:51	4- 9-80
11.200	2225.322	13:52	
11.217	2224.929	13:53	
11.233	2226.306	13:54	
11.250	2225.126	13:55	
11.267	2226.896	13:56	
11.283	2226.503	13:57	
11.300	2226.306	13:58	
11.317	2225.716	13:59	
11.333	2226.109	14: 0	
11.350	2227.093	14: 1	
11.367	2225.913	14: 2	
11.383	2226.896	14: 3	
11.400	2226.896	14: 4	
11.417	2225.322	14: 5	
11.433	2225.913	14: 6	
11.450	2226.109	14: 7	
11.467	2226.700	14: 8	
11.483	2227.684	14: 9	
11.500	2227.684	14:10	
11.517	2225.519	14:11	
11.533	2220.009	14:12	
11.550	2219.222	14:13	
11.600	2212.532	14:16	
11.617	2212.729	14:17	
11.633	2174.555	14:18	
11.650	2163.339	14:19	
11.667	2160.584	14:20	
11.683	2154.681	14:21	
11.700	2167.274	14:22	
11.717	2145.039	14:23	
11.733	2194.232	14:24	
11.750	2181.639	14:25	
11.767	2178.294	14:26	
11.783	2166.094	14:27	
11.800	2164.913	14:28	
11.817	2162.945	14:29	
11.833	2160.584	14:30	
11.850	2161.371	14:31	
11.867	2158.813	14:32	
11.883	2159.207	14:33	
11.900	2153.894	14:34	
11.917	2157.239	14:35	
11.933	2156.845	14:36	
11.950	2157.829	14:37	
11.967	2159.994	14:38	
11.983	2153.303	14:39	

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DELTA TIME	PRESSURE	TIME	DATE
12.000	2156.255	14:40	4- 9-80
12.017	2156.845	14:41	
12.050	2158.223	14:43	
12.067	2154.878	14:44	
12.083	2152.123	14:45	
12.100	2149.958	14:46	
12.117	2158.223	14:47	
12.133	2157.239	14:48	
12.150	2159.403	14:49	
12.167	2155.861	14:50	
12.183	2159.600	14:51	
12.200	2158.419	14:52	
12.217	2163.929	14:53	
12.233	2156.058	14:54	
12.250	2157.239	14:55	
12.267	2159.010	14:56	
12.283	2152.320	14:57	
12.300	2169.387	14:58	
12.317	2157.042	14:59	
12.350	2158.616	15: 1	
12.367	2157.829	15: 2	
12.383	2157.829	15: 3	
12.400	2159.797	15: 4	
12.417	2158.223	15: 5	
12.433	2161.174	15: 6	
12.450	2155.665	15: 7	
12.467	2155.271	15: 8	
12.483	2158.616	15: 9	
12.500	2154.681	15:10	
12.517	2154.878	15:11	
12.533	2150.155	15:12	
12.550	2158.616	15:13	
12.567	2158.813	15:14	
12.583	2159.010	15:15	
12.600	2157.239	15:16	
12.617	2158.026	15:17	
12.633	2152.910	15:18	
12.650	2156.649	15:19	
12.667	2157.829	15:20	
12.683	2158.616	15:21	
12.700	2156.845	15:22	
12.717	2154.287	15:23	
12.733	2154.484	15:24	
12.750	2154.681	15:25	
12.767	2154.090	15:26	
12.783	2151.139	15:27	
12.800	2157.829	15:28	

CHOKE CHANGE TO 58/64 AT 14:50

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DELTA TIME	PRESSURE	TIME	DATE
12.817	2158.813	15:29	4-9-80
12.833	2157.436	15:30	
12.850	2147.991	15:31	
12.867	2155.074	15:32	
12.883	2154.484	15:33	
12.900	2154.090	15:34	
12.917	2151.926	15:35	
12.933	2152.713	15:36	
12.950	2153.894	15:37	
12.967	2154.878	15:38	
12.983	2151.926	15:39	
13.000	2149.565	15:40	
13.017	2146.416	15:41	
13.033	2141.497	15:42	
13.050	2141.300	15:43	
13.067	2139.332	15:44	
13.083	2141.891	15:45	
13.100	2146.416	15:46	
13.117	2148.384	15:47	
13.133	2139.136	15:48	
13.150	2145.039	15:49	
13.167	2146.613	15:50	
13.200	2144.842	15:52	
13.217	2143.858	15:53	
13.233	2141.497	15:54	
13.250	2145.039	15:55	
13.267	2143.268	15:56	
13.283	2150.352	15:57	
13.300	2139.726	15:58	
13.333	2224.929	16:0	
13.350	2143.662	16:1	
13.367	2139.529	16:2	
13.383	2142.678	16:3	
13.400	2144.252	16:4	
13.417	2145.039	16:5	
13.433	2147.203	16:6	
13.450	2142.284	16:7	
13.467	2142.481	16:8	
13.483	2143.858	16:9	
13.500	2140.513	16:10	
13.533	2144.252	16:12	
13.550	2141.694	16:13	
13.583	2146.810	16:15	
13.600	2145.039	16:16	
13.617	2138.742	16:17	
13.633	2143.071	16:18	
13.650	2139.726	16:19	

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DELTA TIME	PRESSURE	TIME	DATE
13.667	2142.481	16:20	4- 9-80
13.683	2144.645	16:21	
13.700	2143.858	16:22	
13.717	2144.449	16:23	
13.733	2145.826	16:24	
13.750	2181.245	16:25	
13.767	2146.416	16:26	
13.783	2146.810	16:27	
13.800	2146.220	16:28	
13.817	2146.613	16:29	
13.833	2146.023	16:30	
13.850	2147.991	16:31	
13.867	2107.849	16:32	
13.883	2053.343	16:33	
13.900	2032.485	16:34	
13.917	2035.830	16:35	
13.933	2010.643	16:36	
13.967	2013.398	16:38	
13.983	2022.646	16:39	
14.000	2025.794	16:40	
14.017	2028.549	16:41	
14.033	2020.482	16:42	
14.050	2017.136	16:43	
14.067	2024.024	16:44	
14.083	2017.727	16:45	
14.100	2018.514	16:46	
14.117	2020.482	16:47	
14.133	2029.336	16:48	
14.150	2031.698	16:49	
14.167	2035.043	16:50	
14.183	2019.891	16:51	
14.200	2030.517	16:52	
14.217	2027.172	16:53	
14.233	2020.875	16:54	
14.250	2031.501	16:55	
14.267	2028.156	16:56	
14.283	2019.301	16:57	
14.300	2030.517	16:58	
14.317	2022.646	16:59	
14.333	2028.156	17: 0	
14.350	2025.007	17: 1	
14.383	2025.598	17: 3	
14.400	2026.385	17: 4	
14.450	2022.056	17: 7	
14.467	2044.881	17: 8	
14.483	2030.517	17: 9	
14.500	2006.314	17:10	

CHOKE CHANGE TO 128/64 + 64/64
AT 16:34

GAUGE STOPPED RECORDING

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DELTA TIME	PRESSURE	TIME	DATE	
14.533	2030.320	17:12	4-9-80	DUE TO VIBRATION AT HIGH
14.567	2004.346	17:14		FLOW RATE

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DELTA TIME	PRESSURE	TIME	DATE
0.000	2004.346	17:14	4-9-80
3.183	2293.012	20:25	GAUGE RESTARTED DURING SHUT IN PERIOD
3.217	2293.209	20:27	
3.233	2293.209	20:28	
3.250	2293.209	20:29	
3.267	2293.209	20:30	
3.283	2292.815	20:31	
3.317	2293.603	20:33	
3.333	2293.406	20:34	
3.350	2293.603	20:35	
3.367	2293.406	20:36	
3.383	2293.209	20:37	
3.400	2293.209	20:38	
3.417	2293.209	20:39	
3.433	2293.209	20:40	
3.450	2293.799	20:41	
3.467	2293.799	20:42	
3.483	2293.209	20:43	
3.500	2293.209	20:44	
3.517	2293.012	20:45	
3.533	2293.012	20:46	
3.550	2293.799	20:47	
3.567	2293.406	20:48	
3.583	2293.799	20:49	
3.600	2293.603	20:50	
3.617	2293.406	20:51	
3.633	2293.406	20:52	
3.650	2293.799	20:53	
3.667	2293.209	20:54	
3.683	2293.603	20:55	
3.700	2293.406	20:56	
3.717	2293.603	20:57	
3.733	2293.603	20:58	
3.750	2293.406	20:59	
3.767	2293.406	21: 0	
3.783	2293.603	21: 1	
3.800	2293.209	21: 2	
3.817	2293.603	21: 3	
3.833	2293.603	21: 4	
3.850	2293.603	21: 5	
3.867	2293.406	21: 6	
3.883	2293.603	21: 7	
3.900	2293.406	21: 8	
3.917	2293.996	21: 9	
3.933	2293.406	21:10	
3.950	2293.603	21:11	

COMMENCE WIRELINE WORK TO
 RETRIEVE GAUGES AT 21:00

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DELTA TIME	PRESSURE	TIME	DATE
3.967	2293.406	21:12	4- 9-80
4.017	2294.783	21:15	
4.033	2293.799	21:16	
4.050	2295.570	21:17	
4.067	2294.390	21:18	
4.083	2294.586	21:19	
4.100	2294.980	21:20	
4.117	2294.980	21:21	
4.150	2292.815	21:23	
4.167	2292.619	21:24	
4.183	2293.012	21:25	
4.217	2292.815	21:27	
4.233	2293.406	21:28	
4.250	2292.815	21:29	
4.267	2293.012	21:30	
4.283	2292.619	21:31	
4.300	2293.012	21:32	
4.317	2292.815	21:33	
4.333	2292.619	21:34	
4.350	2292.619	21:35	
4.367	2292.619	21:36	
4.383	2293.012	21:37	
4.400	2292.619	21:38	
4.417	2292.815	21:39	
4.433	2292.619	21:40	
4.450	2292.815	21:41	
4.467	2292.422	21:42	
4.483	2292.619	21:43	
4.500	2292.619	21:44	
4.517	2292.619	21:45	
4.533	2293.012	21:46	
4.550	2292.815	21:47	
4.567	2293.012	21:48	
4.583	2292.619	21:49	
4.600	2292.815	21:50	
4.617	2292.815	21:51	
4.633	2292.619	21:52	
4.650	2293.012	21:53	
4.667	2292.815	21:54	
4.683	2292.619	21:55	
4.717	2292.422	21:57	
4.733	2292.619	21:58	
4.750	2292.815	21:59	
4.767	2292.422	22: 0	
4.783	2292.422	22: 1	
4.800	2292.422	22: 2	
4.817	2292.815	22: 3	

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DELTA TIME	PRESSURE	TIME	DATE
4.833	2292.422	22: 4	4- 9-80.
4.850	2292.619	22: 5	
4.867	2293.012	22: 6	
4.883	2292.815	22: 7	
4.900	2292.815	22: 8	
4.917	2292.422	22: 9	
4.933	2292.619	22:10	
4.950	2292.422	22:11	
4.967	2292.619	22:12	
4.983	2292.619	22:13	
5.000	2292.815	22:14	
5.017	2292.422	22:15	
5.033	2292.619	22:16	
5.067	2292.619	22:18	
5.083	2292.619	22:19	
5.100	2292.422	22:20	
5.117	2292.422	22:21	
5.133	2292.619	22:22	
5.150	2292.619	22:23	
5.167	2292.619	22:24	
5.200	2292.815	22:26	
5.233	2292.422	22:28	
5.250	2292.815	22:29	
5.267	2292.619	22:30	
5.283	2292.619	22:31	
5.300	2292.619	22:32	
5.317	2292.619	22:33	
5.333	2292.422	22:34	
5.350	2292.619	22:35	
5.367	2292.225	22:36	
5.383	2292.619	22:37	
5.400	2292.619	22:38	
5.417	2292.619	22:39	
5.433	2292.619	22:40	
5.467	2292.619	22:42	
5.483	2292.619	22:43	
5.500	2292.422	22:44	
5.517	2292.815	22:45	
5.533	2294.783	22:46	
5.550	2292.815	22:47	
5.567	2292.815	22:48	
5.600	2292.619	22:50	
5.633	2292.619	22:52	
5.650	2293.012	22:53	
5.667	2293.012	22:54	
5.683	2292.619	22:55	
5.700	2292.815	22:56	

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DELTA TIME	PRESSURE	TIME	DATE
5.717	2292.815	22:57	4- 9-80
5.733	2292.815	22:58	
5.750	2292.619	22:59	
5.783	2292.815	23: 1	
5.800	2292.619	23: 2	
5.833	2292.619	23: 4	
5.850	2292.619	23: 5	
5.867	2292.815	23: 6	
5.883	2292.619	23: 7	
5.900	2292.422	23: 8	
5.917	2292.815	23: 9	
5.933	2292.619	23:10	
5.983	2293.209	23:13	
6.017	2292.815	23:15	
6.033	2292.422	23:16	
6.050	2292.815	23:17	
6.067	2293.012	23:18	
6.083	2292.619	23:19	
6.100	2293.012	23:20	
6.133	2292.815	23:22	
6.150	2292.815	23:23	
6.167	2291.635	23:24	
6.200	2292.619	23:26	
6.217	2292.422	23:27	
6.233	2293.012	23:28	
6.250	2292.619	23:29	
6.267	2292.619	23:30	
6.283	2293.012	23:31	
6.300	2292.815	23:32	
6.317	2292.815	23:33	
6.350	2292.619	23:35	
6.367	2292.619	23:36	
6.383	2293.209	23:37	
6.417	2292.815	23:39	
6.433	2293.209	23:40	
6.450	2292.815	23:41	
6.483	2292.815	23:43	
6.500	2295.570	23:44	
6.517	2293.996	23:45	
6.533	2294.586	23:46	
6.550	2293.996	23:47	
6.567	2291.241	23:48	
6.583	2291.635	23:49	
6.617	2291.438	23:51	
6.633	2291.438	23:52	
6.650	2291.241	23:53	
6.667	2291.438	23:54	

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DELTA TIME	PRESSURE	TIME	DATE
6.700	2291.241	23:56	4- 9-80
6.717	2291.635	23:57	
6.733	2291.438	23:58	
6.750	2291.438	23:59	
6.767	2291.438	0: 0	5- 9-80
6.783	2291.241	0: 1	
6.800	2291.438	0: 2	
6.817	2291.438	0: 3	
6.833	2291.044	0: 4	
6.850	2291.044	0: 5	
6.867	2291.044	0: 6	
6.883	2291.044	0: 7	
6.900	2291.438	0: 8	
6.917	2291.044	0: 9	
6.933	2291.241	0:10	
6.950	2291.438	0:11	
6.983	2291.044	0:13	
7.000	2291.241	0:14	
7.017	2291.241	0:15	
7.050	2291.635	0:17	
7.067	2291.438	0:18	
7.083	2291.438	0:19	
7.100	2291.438	0:20	
7.117	2291.832	0:21	
7.133	2291.241	0:22	
7.150	2291.241	0:23	
7.167	2291.241	0:24	
7.183	2291.241	0:25	
7.200	2291.438	0:26	
7.233	2291.438	0:28	
7.250	2291.438	0:29	
7.267	2291.635	0:30	
7.283	2291.438	0:31	
7.300	2291.832	0:32	
7.317	2291.832	0:33	
7.333	2291.635	0:34	
7.350	2291.832	0:35	
7.367	2291.438	0:36	
7.383	2291.832	0:37	
7.417	2291.832	0:39	
7.433	2294.586	0:40	
7.450	2294.980	0:41	
7.483	2290.848	0:43	
7.500	2292.028	0:44	
7.517	2291.438	0:45	
7.533	2291.438	0:46	
7.550	2291.635	0:47	

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DELTA TIME	PRESSURE	TIME	DATE
7.567	2291.438	0:48	5- 9-80
7.583	2291.438	0:49	
7.617	2291.438	0:51	
7.633	2291.438	0:52	
7.650	2291.438	0:53	
7.667	2291.635	0:54	
7.683	2291.635	0:55	
7.700	2291.241	0:56	
7.717	2291.241	0:57	
7.750	2291.635	0:59	
7.767	2291.438	1: 0	
7.783	2291.438	1: 1	
7.800	2291.438	1: 2	
7.817	2291.438	1: 3	
7.833	2292.028	1: 4	
7.850	2291.635	1: 5	
7.900	2291.241	1: 8	
7.917	2291.635	1: 9	
7.933	2291.635	1:10	
7.950	2291.438	1:11	
7.983	2291.635	1:13	
8.000	2291.635	1:14	
8.017	2291.438	1:15	
8.033	2291.241	1:16	
8.050	2291.438	1:17	
8.067	2291.635	1:18	
8.083	2292.028	1:19	
8.100	2291.832	1:20	
8.117	2292.028	1:21	
8.133	2291.832	1:22	
8.150	2291.635	1:23	
8.167	2291.635	1:24	
8.183	2291.832	1:25	
8.200	2293.799	1:26	
8.217	2295.570	1:27	
8.233	2294.390	1:28	
8.250	2294.980	1:29	
8.283	2291.438	1:31	
8.300	2291.044	1:32	
8.317	2291.241	1:33	
8.333	2291.635	1:34	
8.350	2291.438	1:35	
8.367	2291.438	1:36	
8.383	2291.635	1:37	
8.400	2291.241	1:38	
8.417	2291.241	1:39	
8.433	2291.635	1:40	

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DELTA TIME	PRESSURE	TIME	DATE
8.450	2291.438	1:41	5-9-80
8.467	2291.438	1:42	
8.483	2291.438	1:43	
8.500	2291.438	1:44	
8.517	2291.635	1:45	
8.533	2291.438	1:46	
8.550	2291.241	1:47	
8.567	2291.438	1:48	
8.583	2291.438	1:49	
8.600	2291.438	1:50	
8.617	2291.241	1:51	
8.633	2291.438	1:52	
8.650	2291.635	1:53	
8.667	2291.438	1:54	
8.683	2291.241	1:55	
8.700	2291.438	1:56	
8.717	2291.635	1:57	
8.750	2291.635	1:59	
8.767	2291.438	2:0	
8.783	2291.635	2:1	
8.800	2291.241	2:2	
8.817	2291.438	2:3	
8.833	2291.438	2:4	
8.867	2291.635	2:6	
8.883	2291.438	2:7	
8.900	2291.241	2:8	
8.917	2291.438	2:9	
8.933	2291.635	2:10	
8.950	2291.635	2:11	
8.967	2291.832	2:12	
8.983	2291.635	2:13	
9.000	2292.619	2:14	
9.017	2293.209	2:15	
9.033	2295.767	2:16	
9.050	2293.406	2:17	
9.067	2294.783	2:18	
9.083	2294.390	2:19	
9.117	2293.209	2:21	
9.167	2294.390	2:24	
9.200	2284.551	2:26	
9.217	2294.193	2:27	
9.250	2291.832	2:29	
9.267	2291.832	2:30	
9.283	2292.225	2:31	
9.300	2291.832	2:32	
9.333	2291.832	2:34	
9.350	2292.028	2:35	

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DELTA TIME	PRESSURE	TIME	DATE
9.367	2291.832	2:36	5- 9-80
9.383	2291.832	2:37	
9.400	2292.028	2:38	
9.417	2292.028	2:39	
9.433	2291.832	2:40	
9.450	2291.832	2:41	
9.467	2292.028	2:42	
9.483	2292.028	2:43	
9.500	2292.028	2:44	
9.517	2292.619	2:45	
9.533	2291.832	2:46	
9.550	2291.832	2:47	
9.567	2292.028	2:48	
9.583	2292.225	2:49	
9.600	2292.225	2:50	
9.617	2292.225	2:51	
9.633	2292.422	2:52	
9.650	2292.225	2:53	
9.667	2292.028	2:54	
9.683	2292.028	2:55	
9.700	2292.028	2:56	
9.717	2292.225	2:57	
9.733	2292.225	2:58	
9.750	2292.422	2:59	
9.767	2292.225	3: 0	
9.783	2292.225	3: 1	
9.800	2292.422	3: 2	
9.817	2292.225	3: 3	
9.833	2292.422	3: 4	
9.850	2292.225	3: 5	
9.867	2292.028	3: 6	
9.883	2292.619	3: 7	
9.900	2292.422	3: 8	
9.917	2292.225	3: 9	
9.950	2292.619	3:11	
9.967	2292.619	3:12	
9.983	2292.815	3:13	
10.000	2292.422	3:14	
10.033	2293.209	3:16	
10.050	2295.570	3:17	
10.067	2278.648	3:18	
10.083	2293.799	3:19	
10.100	2291.635	3:20	
10.117	2291.438	3:21	
10.133	2292.028	3:22	
10.167	2292.028	3:24	
10.183	2291.635	3:25	

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DELTA TIME	PRESSURE	TIME	DATE
10.200	2291.438	3:26	5- 9-80
10.217	2291.241	3:27	
10.233	2291.438	3:28	
10.250	2291.438	3:29	
10.267	2291.635	3:30	
10.283	2291.635	3:31	
10.300	2291.438	3:32	
10.317	2291.438	3:33	
10.333	2291.438	3:34	
10.350	2291.438	3:35	
10.367	2291.635	3:36	
10.383	2291.438	3:37	
10.400	2291.635	3:38	
10.417	2291.635	3:39	
10.433	2291.635	3:40	
10.450	2292.028	3:41	
10.467	2292.225	3:42	
10.483	2292.028	3:43	
10.500	2291.832	3:44	
10.517	2291.832	3:45	
10.533	2291.832	3:46	
10.550	2291.438	3:47	
10.567	2291.832	3:48	
10.583	2291.832	3:49	
10.600	2292.225	3:50	
10.617	2291.832	3:51	
10.633	2292.028	3:52	
10.650	2292.028	3:53	
10.667	2292.225	3:54	
10.683	2292.028	3:55	
10.700	2291.832	3:56	
10.717	2291.832	3:57	
10.733	2292.028	3:58	
10.750	2292.225	3:59	
10.767	2292.028	4: 0	
10.783	2292.225	4: 1	
10.800	2292.028	4: 2	
10.817	2292.422	4: 3	
10.833	2292.225	4: 4	
10.850	2292.225	4: 5	
10.867	2294.193	4: 6	
10.900	2290.651	4: 8	
10.917	2291.241	4: 9	
10.933	2291.241	4:10	
10.950	2291.438	4:11	
10.967	2291.438	4:12	
10.983	2291.241	4:13	

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MISCASEOUS SAND, PRESSURE TEST 3, RUN 2, GAUGE 0067, SENSING DEPTH AT 1566.8 M

DELTA TIME	PRESSURE	TIME	DATE
11.017	2291.241	4:15	5- 9-80
11.033	2291.241	4:16	
11.050	2291.438	4:17	
11.067	2291.438	4:18	
11.083	2291.438	4:19	
11.100	2291.438	4:20	
11.117	2291.635	4:21	
11.133	2291.635	4:22	
11.150	2291.832	4:23	
11.167	2291.438	4:24	
11.183	2292.028	4:25	
11.200	2291.635	4:26	
11.217	2291.635	4:27	
11.233	2291.832	4:28	
11.250	2291.635	4:29	
11.267	2291.635	4:30	
11.283	2291.832	4:31	
11.300	2291.635	4:32	
11.317	2291.832	4:33	
11.333	2292.028	4:34	
11.350	2291.832	4:35	
11.367	2291.832	4:36	
11.383	2291.832	4:37	
11.400	2291.832	4:38	
11.417	2291.832	4:39	
11.433	2291.832	4:40	
11.450	2292.028	4:41	
11.467	2292.028	4:42	
11.483	2292.225	4:43	
11.500	2291.832	4:44	
11.517	2292.422	4:45	
11.533	2292.422	4:46	
11.550	2292.028	4:47	
11.567	2292.422	4:48	
11.583	2292.225	4:49	
11.600	2292.422	4:50	
11.617	2292.028	4:51	
11.633	2292.225	4:52	
11.650	2292.422	4:53	
11.667	2292.619	4:54	
11.683	2292.028	4:55	
11.700	2292.422	4:56	
11.717	2292.225	4:57	
11.733	2292.422	4:58	
11.750	2292.422	4:59	
11.767	2292.225	5: 0	
11.783	2292.422	5: 1	

SPERRY-SUN INTERNATIONAL INC.
MAGNETIC RECORDING PRESSURE GAUGE REPORT

NORSKE SHELL
WILDCAT
31/2-2

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MISCASEOUS SAND, PRESSURE TEST 3, RUN 2, GAUGE 0067, SENSING DEPTH AT 1566.8 M

DELTA TIME	PRESSURE	TIME	DATE
11.800	2292.422	5: 2	5- 9-80
11.817	2292.619	5: 3	
11.833	2292.619	5: 4	
11.850	2294.193	5: 5	
11.883	2294.193	5: 7	
11.900	2292.225	5: 8	
11.917	2291.635	5: 9	
11.933	2291.832	5:10	
11.950	2291.438	5:11	
11.967	2291.832	5:12	
11.983	2291.635	5:13	
12.000	2291.832	5:14	
12.017	2292.028	5:15	
12.033	2291.832	5:16	
12.050	2291.832	5:17	
12.067	2291.635	5:18	
12.083	2291.635	5:19	
12.100	2291.635	5:20	
12.117	2292.028	5:21	
12.133	2291.832	5:22	
12.150	2291.438	5:23	
12.167	2291.832	5:24	
12.183	2291.832	5:25	
12.200	2291.832	5:26	
12.217	2291.832	5:27	
12.233	2291.832	5:28	
12.250	2292.028	5:29	
12.267	2291.832	5:30	
12.283	2292.028	5:31	
12.300	2292.619	5:32	
12.317	2292.028	5:33	
12.333	2292.225	5:34	
12.350	2292.225	5:35	
12.367	2292.619	5:36	
12.383	2292.225	5:37	
12.400	2292.225	5:38	
12.417	2292.422	5:39	
12.433	2293.012	5:40	
12.450	2292.422	5:41	
12.467	2292.422	5:42	
12.483	2292.422	5:43	
12.500	2292.422	5:44	
12.533	2292.422	5:46	
12.550	2292.422	5:47	
12.567	2293.012	5:48	
12.600	2292.619	5:50	
12.617	2292.422	5:51	

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MISCASEOUS SAND, PRESSURE TEST 3, RUN 2, GAUGE 0067, SENSING DEPTH AT 1566.8 M

DELTA TIME	PRESSURE	TIME	DATE	
12.633	2292.815	5:52	5-9-80	
12.650	2292.815	5:53		
12.667	2292.422	5:54		END OF PRESSURE SENSING