

Line name: <u>D.S. 91-1</u>				Energy: <u>1 J/PSI</u>		Tape #: <u>QS 91-1</u>	
Descr: <u>Outer Shelf</u>				Firing Rate: <u>1 sec</u>		Filter: <u></u>	
Date: <u>15 July '91</u>				Geophones: <u>8 and 1</u>		Source: <u>Boomer ci</u>	
Time	SP/Fix	LAT.	LONG.	WD	Ship speed	Nav. system	tape N°
19:26	1	28.32.764	94.46.102	102	5.1	GPS	0
19:36	2	28.32.656	94.44.561	102	5.7	GPS	136
19:46	3	28.32.514	94.43.521	102	5.8		260
19:56	4	28.32.688	94.42.686	103	5.7		374
20:06	5	28.32.593	94.41.680	103	5.7		474
20:16	6	28.32.318	94.40.586	104	5.7		—
20:26	7	28.32.291	94.39.507	104	6.0		178
20:36	8	28.32.312	94.38.445	104	5.6		322
20:38	zero tape						467
20:46	9	28.32.529	94.37.374	104	5.5		589
20:56	10	28.32.626	94.36.395	104	5.2		703
21:06	11	28.32.632	94.35.339	104	5.9		808
21:16	12	28.32.675	94.34.220	105	6.0		100
21:26	13	28.32.669	94.33.091	105	6.0		280
21:36	14	28.32.685	94.31.949	105	6.0		424
21:46	15	28.33.105	94.30.806	106	6.2		555
21:56	16	28.32.769	94.29.602	107	6.4		673
22:06	17	28.32.650	94.28.509	108	6.2		781
22:16	18	28.32.802	94.27.515	108	6.6		28
22:26	19	28.32.552	94.26.756	109	6.1		215
22:36	20	28.32.334	94.25.388	108	5.6		375
22:46	21	28.33.284	94.24.660	108	5.9		510
22:56	22	28.33.222	94.23.563	109	6.3		632
23:06	23	28.32.933	94.22.399	110	6.4		742
23:16	24	28.32.835	94.21.237	108	6.1		844
23:26	25	28.32.886	94.19.685	108	5.9		240
23:36	26	28.32.944	94.18.644	107	5.5		339
23:46	27	28.32.711	94.17.600	109	5.4		445
23:56	28	28.33.116	094.16.377	108	6.3		584
24:06	29	28.33.46	094.17.207	107	6.6		657
24:16	30	28.33.013	094.18.278	110	6.4		97
24:26	31	28.32.364	094.19.379	110	6.2		257
24:36	32	28.32.21	094.20.654	110	6.5		390
24:46	33	28.31.881	094.21.632	112	6.3		520
24:56	34	28.31.609	094.22.687	110	6.3		574/000
01:06	35	28.31.264	094.23.818	111	6.2		141
01:16	36	28.30.904	094.24.997	110	6.1		298
01:46	37	28.29.959	094.28.296	111	6.1	NOTE AT BOTTOM	431
01:56	38	28.29.66	094.29.299	112	6.0		555
02:06	39	28.29.34	094.30.332	112	6.1		653
02:16	40	28.29.99	094.31.425	110	6.1		800 (864)
02:26	41	28.28.603	094.32.83	113	6.2		158
02:36	42	28.28.31	094.33.64	116	6.1		283
02:46	43	28.27.96	094.34.71	118	6.0		400
02:56	44	28.47.85 *	094.35.72	118	6.5	LORAN C	57
03:06	45	28.27.27 *	094.36.88	112	6.2	"	231
03:16	46	28.26.86	094.37.99	118	6.2		
03:26	47	28.26.57	094.39.13	118	6.4	GPS	
03:36	48	28.26.31	094.40.31	118	6.5		

* At #37 - TAPE Player/Recorder Acting up: Change Tape to #4 Begin at 000 on #4

Line name: _____		Energy: _____ J/PSI	Tape #: _____
Descr: _____		Firing Rate: _____	Filter: _____
Date: _____		Geophones: _____	Source: _____ ci

Time	SP/Fix	LAT.	LONG.	WD	Ship speed	Nav. system
03:41	49	28.25.97	094.41.54	118	6.4	GPS
03:56	50	28.25.61	094.42.75	120	6.6	
	51	28.25.32	094.42.68	118	6.8	
04:06	52	28.25.00	094.42.20	118	6.2	Problems with tape
04:16	53	28.24.50	094.40.90	118	6.1	
04:26	54	28.24.67	094.39.80	118	6.2	
04:36	55	28.24.51	094.38.60	118	6.3	
04:46	56	28.24.27	94.37.36	125	6.4	Switched to Chart
04:56	57	28.24.24	94.36.21	127	6.3	
05:06	58	28.24.00	94.34.50	127	6.4	
05:16	59	28.23.50	94.33.8	128	6.4	starts side B @ 869
05:26	60	28.23.60	94.32.7	128	6.1	
05:36	61	28.23.2	94.31.7	129	6.2	
05:46	62	28.22.8	94.30.6	130	5.9	
05:56	63	28.22.4	94.29.2	133	5.7	
06:06	64	28.22.2	94.28.0	133	6.1	
06:16	65	28.21.8	94.27.4	133	6.0	*L.C.
06:26	66	28.21.6	94.26.3	133	6.0	*L.C.; TAPE 7 @ 737
06:36	67	28.21.4	94.25.4	133	6.0	*L.C.
06:46	68	28.21.16	94.24.38	135	6.3	
06:56	69	28.21.13	94.24.31	136	5.9	
07:06	70	28.21.155	94.22.157	141	6.1	
07:16	71	28.21.0	94.20.7	143	6.5	
07:26	72	28.21.1	94.19.3	144	6.7	start side B @ 606
07:36	73	28.20.9	94.18.0	146	6.7	
07:46	74	28.20.5	94.16.8	148	6.4	
07:56	75	28.20.087	94.15.755	149	6.1	
8:06	76	28.20.641	94.14.714	151	6.2	
8:16	77	28.19.509	94.13.593	151	6.0	
8:26	78	28.19.125	94.12.738	154	5.7	
8:36	79	28.18.738	94.11.739	157	5.9	tape 8
8:46	80	28.18.559	94.10.672	157	5.9	
8:56	81	28.18.456	94.09.610	156	5.5	
9:06	82	28.18.431	94.08.552	159	5.6	
9:14		28.18.335	94.07.671	158	5.7	
9:16	83	28.18.266	94.07.567	158	5.5	
9:26	84	28.18.099	94.08.490	163	5.6	
9:36	85	28.17.861	94.09.526	158	5.7	side B tape 8
9:46	86	28.17.868	94.10.370	156	5.8	
9:56	87	28.17.719	94.11.451	157	5.7	
10:06	88	28.17.283	94.12.592	157	5.7	
10:16	89	28.17.164	94.13.655	157	5.8	
10:26	90	28.17.091	94.14.690	155	5.4	
10:36	91	28.17.400	94.16.493	156	7.4	
10:46	92	28.16.863	94.16.751	154	5.5	
10:56	93	28.16.766	94.17.773	153	5.4	
11:06	94	28.16.53	94.18.78	167	5.6	
11:10		28.16.503	94.19.225		5.3	
11:16	95	28.16.57	94.19.83	153	5.4	

turned.
New Course.

N

→

→

→

TURN
New C

M

→

TURN
Shift →

392.
518
600
* 000 (636)
150
320
464. 594
recorder
708
810
932
102
261
395
516
627
732
870
48
193
320
436
543
642
837
713
124
245
356
459
165
329
471
597
710
819
8
114
291
443
576
686
806
25
217
373
509
6
431

Line name: _____		Energy: _____ J/PSI			Tape #: _____	
Descr: _____		Firing Rate: _____			Filter: _____	
Date: _____		Geophones: _____			Source: _____ ci	
Time	SP/Fix	LAT.	LONG.	WD	Ship speed	Nav. system
11:26	96	28 16 415	094 20 811	153	5.5	
11:36	97	28 16 12	094 21 734	153	5.3	
11:44		28 16 390	94 22 620			LC thunder
11:46	98	changing	belt			
11:48		28-15 800	94 22 660		6.0 estimation	Tape 176
11:55		28 15 250	94 23 270	LC		LC
11:56	99	28 15.8 DR	94 24.5 DR	153	6.0 est.	DR
12:06	100	28.15.4 DR	94.26.5 DR			
	"	28 14 726	94 24 199	153	5.9	GPS
12:08	99-A	28 14 737	94 23 979	JUST	FOR LOCATING	
12:16	101	28 14 53	94 25 38	152	6.0	GPS
12:26	102	28 14 49	94 26 401	152	5.8	GPS
12:36	103	28 14 568	94 27 607	153	5.9	GPS
12:46	104	28 14 53	94 28 72	153	5.8	GPS
12:56	105	28 14 507	94 29 827	150	6.2	GPS
13:06	106	28 14 48	94 30 97	150	6.3	GPS
13:16	107	28 14 31	94 32 13	150	6.3	GPS
13:26	108	28 14 148	94 33 27	153	6.3	GPS
13:36	109	28 13 913	94 34 41	155	6.3	GPS
13:46	110	28 13 411	94 35 54	158	6.0	GPS
13:56	111	28 13 459	94 36 66	158	6.0	
13:59	112	28 13 38	94 37 01	158	6.7	GPS
14:06	113	28 13 25	94 36 62	158	6.6	
14:16	114	28 13 10	94 35 38	159	6.7	
14:26	115	28 12 55	94 34 61	163	6.7	
14:36	116	28 12 16	94 32 02	166	6.9	
14:46	117	28 11 78	094 31 81	168	6.9	
14:56	118	28 11 35	094 30 63	168	7.0	
15:04	119	28 10 89	094 29 42	170	6.8	
15:16	120	28 10 47	094 28 18	170	7.0	
15:26	121	28 10 05	094 26 95	170	7.2	
15:36	122	28 09 62	094 25 70	170	7.2	
15:46	123	28 09 10	094 24 45	175	7.2	
15:56	124	28 08 70	094 23 16	176	7.4	
15:06	125	28 08 26	094 21 27	179	7.2	
15:16	126	28 07 76	94 20 18	180	6.8	
15:26	127	28 07 40	094 19 37	183	6.8	
15:36	128	28 06 98	094 18 29	183	6.8	
15:46	129	28 06 56	094 17 12	184	6.7	
15:56	130	28 06 18	094 15 95	183	6.0	
16:06	131	28 05 805	094 14 88	187	6.3	
16:16	132	28 05 473	094 13 802	190	6.2	start side B
16:26	133	28 05 110	094 12 716	187	6.2	
16:36	134	28 04 711	094 11 620	192	6.2	
16:46	135	28 04 312	094 10 499	199	6.3	
16:56	136	28 03 822	094 09 496	207	6.4	

TURN
Tape
changing
belt

Tape 10

side B

TURN

Tape 11

Tape

*

743
846
storms
close
by
est 380
466
452
592
706
813
083
254
399
523
133
000
183
335
483
451
563
000
175
328
458
573
600
189
345
475
591
052
294
403
535
660
771
876
178
343
486
614
730

DR → dead GPS record
min = 10 minutes

Line name: _____				Energy: _____ J/PSI		Tape #: _____	
Descr: _____				Firing Rate: _____		Filter: _____	
Date: _____				Geophones: _____		Source: _____ ci	
Time	SP/Fix	LAT.	LONG.	WD	Ship speed	Nav. system	
17:06	137	28:03.162	094.08.520	218	6.3		
17:16	138	28:02.617	094.07.503	216	6.3		
17:26	139	28:01.933	094.06.325	227	6.2		
17:36	140	28:01.714	094.05.200	223	6.2	turning to Line 6	
17:46	141	28:01.228	094.06.090	226	5.9		
17:56	142	28:01.629	094.08.145	226	6.3		
18:06	143	28:01.568	094.08.482	215	6.1		
18:16	144	28:01.207	094.09.615	234	6.3	SIDE B	
18:26	145	28:00.895	094.10.708	233	6.2		
18:36	146	28:00.511	094.11.404	221	6.1		
18:46	147	28:00.456	094.12.509	232	6.0		
18:56	148	2759.99	094.13.858	232	6.3		
19:06	149	28.00905	94.15.149	234	6.3		
19:16	150	28.00506	94.16.288	237	6.6	End 13.857	
19:26	151	28.00351	94.17.540	242	6.5		
19:36	152	28.00082	94.18.701	248	6.5		
19:46	153	27.59.877	94.19.884	253	6.5		
19:56	154	27.59.638	94.21.091	258	6.5		
20:06	155	27.59.19	94.22.317	261	6.5		
20:16	156	27.59.22	94.23.528	271	6.5	Tape Side B	
20:26	157	27.59.05	94.24.689	277	6.5		
20:36	158	27.58.82	94.25.98	281	6.6		
20:46	159	27.58.32	94.27.11	277	6.3		
20:56	160	27.59.45	94.28.28	260	6.1		
21:02		27.59.42	94.29.03		6.4		
21:06	161	27.59.40	94.29.481	241	6.4		
21:16	162	27.59.29	94.30.196	238	6.1		
21:26	163	27.58.90	94.32.02	243	6.2		
21:36	164	27.58.10	94.33.24	243	6.4		
21:46	165	27.58.02	94.34.141	258	6.2		
21:56	166	27.57.52	94.35.47	267	6.4		
22:06	167	27.57.405	94.36.55	275	6.3		
22:16	168	27.57.31	94.37.35	277	6.5		
22:26	169	27.57.23	94.38.61	277	6.6		
22:32		27.57.188	94.39.370		6.3		
22:35	CHANGE	TAPE					
22:36	170	27.57.138	94.39.665	285	6.1		
22:46	171	27.55.93	94.39.35	325	5.7		
22:56	172	27.55.019	94.39.603	375	6.1		
24:06	173	27.53.900	94.39.472	440	6.1		
24:16	174	27.52.971	94.39.467	525	5.7		
24:26	175	27.51.898	94.39.578	597	6.2		
		LOST DEPTH RECORDER					
24:36	176	27.50.822	94.39.476	~720	6.1		
24:46	177	27.49.852	94.39.836	~1086	5.9		
24:51		TURN to LINE 8					
		VEERING to avoid RIG					
24:56	178	27.49.502	094.39.240		6.2		
01:06	179	27.49.77	094.38.151		6.1		

NOTE: Someone missed an hour

turn to avoid rig

Turn. TAPE 16

Actual →

SIDE B

TURN TO LINE 8

27 49.5
9437.5

27 54 093.50

837
123
293
445
572
683
793
000
185
346
484
608
720
825
154
288
435
555
664
64
243
380
515
628
50
106
276
415
537
647
162
319
455
574
TAPE
024
210
369
507
628
740
842
160
250 Turn
ON COURSE
22147.283
330
473

Line name: _____		Energy: _____ J/PSI		Tape #: _____		
Descr: _____		Firing Rate: _____		Filter: _____		
Date: _____		Geophones: _____		Source: _____ ci		
Time	SP/Fix	LAT.	LONG.	WD	Ship speed	Nav. system
01:16	180	27 49 992	94 36 992		5.8	
01:26	181	27 49.766	94.35.849		5.9	
01:36	182	27 49.836	094.34.775		5.9	
01:46	183	27 49.899	094 33.492		6.0	
01:56	184	27 50.034	094 32.514		6.0	
02:06	185	27 50.221	094 31.32		6.0	
02:16	186	27 50.235	094 30.30		5.8	
02:26	187	27 50.39	094 29.270		5.8	
						adjusted fire rate to 1 sec.
02:36	188	27 50.517	094. 28.189		5.8	
02:46	189	27 50.62	094 27.108		5.7	
02:56	190	27. 50.56	094 26.00.		5.6.	
				ship	Slowed to 4.3.	
03:06	191	27 50.87	094 25.243		4.9	
03:16	192	27 50.928	094 24.359	510.	4.8	
03:26	193	27 50.876	94 23.427	490	4.8	
03:36	194	27 50.953	94 22.498	459.	5.0	
03:46	195	27 51.04	094 21.582	420.	4.9.	
03:56	196	27 51.10	94 20.63	390.	4.9	
04:06	197.	27 51.11	94 19.40	431.	4.5	
04:16	198	27 51.45	94 18.72	480.	5.3	
04:26	199	27 51.44	94 17.77	410.	5.4	
04:36	200	27 51.55	94.16.76	324	5.3	
04:46	201	27 51.64	94.15.71	340.	5.5	
04:56	202	27. 51.79	94.14.74	305	5.4	
05:06	203	27 52.00	94.13.79	310	5.5	
05:16	204	27 52.11	94.12.78	371	5.5	
05:26	205	27 52.06	94.11.71	327	5.6	
05:36	206	27 52.17	94.10.66	324	5.6	
05:46	207	27 52.25	94.09.61	331	5.4	
05:56	208	27.52.18	94.08.15	339	5.4	END TAPE 856
06:06	209	27.52.18	94.07.09	348	5.8	
06:16	210	27.52.20	94.06.69	351	5.4	
06:26	211	27.52.25	94.05.67	350	5.2	
06:36	212	27.52.27	94.04.90	346	5.0	
06:46	213	27.52.49	94.03.96	341	5.2	
06:56	214	27.52.70	94.02.98	335	5.4	
07:06	215	27.52.91	94.01.94	334	5.5	End sub A, 860
07:16	216	27.53.07	94.00.55	329	5.8	
07:26	217	27.53.28	93.59.49	321	5.7	
07:36	218	27.53.41	93.58.45	315	5.7	
07:46	219	27.53.49	93.57.39	323	5.7	
07:56	220	27.53.49	93.56.27	346	5.6	
08:06	221	27.53.49	93.55.26	361	5.6	
8:16	222	27 53 656	93 54 249	365	5.7	
8:26	223	27 53 781	93 53 108	375	5.7	
8:36	224	27 53 841	93 52 105	381	5.8	
8:46	225	27 53 911	93 51 060	367	5.7	

01:10
→
10 JUST
Stylus
Tape 17
passed w/ 1/2 in
of drag

hanged.
belt.

hanged
Tape.

Changed
Tape

Tape.

changed
Tape

tape

DPE 20

599
712
817
000
186
348
461
587

701.
806.
103.

281.
429.
563.
677
784.
000.
186.
337
8471.
590.
699.
797. (000)
173
334
476
579
710
813 (000)
087
267
417
547
666
774 (000)
32
224
381
516
638
749
850
155.
314
447
563

Line name: _____				Energy: _____ J/PSI		Tape #: _____	
Descr: _____				Firing Rate: _____		Filter: _____	
Date: _____				Geophones: _____		Source: _____ ci	
Time	SP/Fix	LAT.	LONG.	WD	Ship speed	Nav. system	
8:56	226	27 54 033	93 49 939	300	5.7		
9:06	227	27 54 019	93 48 899	275	5.7		
9:16	228	27 54 148	93 47 729	285	5.7		
9:26	229	27 54 218	93 46 640	336	5.8		
9:36	230	27 54 054	93 45 371	336	6.0	End tape 20/	
9:46	231	27 54 163	93 44 287	336	5.9		
9:56	232	27 54 204	93 43 140	337	6.1		
10:06	233	27 54 306	93 42 249	331	5.8		
10:16	234	27 54 276	93 41 180	325	6.0		
10:26	235	27 54 800	93 40 624	315			
10:36	236	27 54 438	93 38 957	324	6.0		
10:46	237	27 54 452	93 37 855	276	5.9		
10:56	238	27 54 430	93 36 734	140	5.9		
11:06	239	27 54 50	93 35 60	55			
14:16	240	27 54 699	93 35 55	65 ?	4.9		
14:26	241	27 55 54	93 35 47	160	5.9		
14:36	242	27 56 44	93 35 54	150	4.8		
14:46	243	27 57 19	93 35 62	250	4.9		
14:56	244	27 57 93	93 35 64	275	2.0		
15:06	245	27 58 66	93 35 45	300	4.7		
15:16	246	27 59 40	93 35 79	305	6.0		
15:26	247	28 00 15	93 36 55	285	5.2		
15:36	248	28 00 92	93 37 27	287	5.5		
15:46	249	28 01 24	93 37 86	282	4.3		
15:56	250	28 01 29	93 38 74	288	5.7		
16:06	251	28 01 22	93 39 20	278	5.1		
16:16	252	28 01 46	93 40 88	276	6.4		
16:26	253	28 01 40	93 42 11	280	6.1		
16:36	254	28 01 42	93 43 28	288	6.2		
16:46	255	28 01 41	93 44 49	290	6.3		
16:56	256	28 01 72	93 45 70	265	6.3		
17:06	257	28 01 25	93 46 87	259	6.4	EUT 220657	
17:16	258	28 01 29	93 48 01	246	6.5		
17:26	259	28 01 33	93 49 21	243	6.2		
17:36	260	28 01 38	93 50 35	237	6.2		
17:46	261	28 01 56	93 51 47	232	6.0		
17:56	262	28 01 64	93 52 62	223	6.4		
18:06	263	28 01 69	93 53 83	207	6.1	Start side B	
18:16	264	28 01 76	93 55 01	204	6.2		
18:26	265	28 01 60	93 56 14	223	6.1		
18:36	266	28 01 23	93 57 61	225	6.2		
18:46	267	28 01 65	93 58 66	227	6.4		
18:56	268	28 01 86	93 59 87	226	7.5		
19:06	269	28 01 77	94 01 20	226	5.8	EUT 220867	
19:16	270	28 01 81	94 02 21	227	5.3		
19:26	271	28 01 90	94 03 22	218	5.4		
19:36	272	28 01 80	94 03 93	220	4.7		

0 tape 206
191
243
471
585
55
232
374
497
606
12
205
356
471
591
57
233
376
499
609
000
184
336
464
578
061
241
378
504
615 (000)
119
291
439
569
686
793
69
252
407
539
659
768
10
203
362
500

End Line 8

Line 9

Tape 22

Tape

Turning

Tape

Tape 23

27 miles

6

44

28 01.5'

93 38'

Line name: _____				Energy: _____ J/PSI		Tape #: _____	
Descr: _____				Firing Rate: <u>32c</u>		Filter: _____	
Date: _____				Geophones: _____		Source: _____ ci	
Time	SP/Fix	LAT.	LONG.	WD	Ship speed	Nav. system	
19:46	273	28 02 16	94 05 21	223	5.7		
19:51		28 02 19	94 05 21				
20:14	274	28 02 31	94 05 41		4.5		
20:36	275	28 00 15	94 04 31	260	5.5		
20:46	276	27 59 28	94 04 55	255	5.4		
20:56	277	27 58 40	94 04 20	254	5.7		
21:06	278	27 57 56	94 03 81	256	5.6		
21:16	279	27 56 67	94 03 47	264	5.5		
21:26	280	27 55 82	94 03 15	272	5.5		
21:36	281	27 55 51	94 02 75	286	6.0		
21:46	282	27 54 48	94 02 69	304	6.1		
21:56	283	27 53 55	94 02 41	325	5.6		
22:06	284	27 52 87	94 02 21	353	5.9		
22:16	285	27 51 93	94 01 83	403	5.3		
22:26	286	27 50 75	94 01 46	515	5.2		
22:36							
22:46	287	27 49 15	94 00 81	2600	5.1		
22:56	288	27 48 79	94 00 51	"	5.2		
23:06	289	27 48 03	94 00 10	"	4.9		
23:16	290	27 47 14	94 59 38	"	5.7		
23:26	291	27 46 22	94 59 37	"	TURN		
23:36	292	27 46 20	94 00 55	"	5.8		
23:46	293	27 46 09	94 01 16	"	6.1		
23:56	294	27 46 32	94 02 89		6.2		
24:06	295	27 46 14	94 03 97		6.0		
24:16	296	27 45 61	094 05 39		6.1		
24:26	297	27 45 76	094 06 29		6.1		
24:36	298	27 45 65	094 07 24		5.9		
24:46	299	27 45 67	094 08 35		5.9		
24:56	300	27 45 68	094 09 42		5.8		
1:06	301	27 45 56	094 10 48		5.8		
1:16	302	27 45 42	94 11 58		5.9		
1:26	303	27 45 30	94 12 64		5.8		
1:36	304	27 45 25	094 13 74		5.9		
1:46	305	27 45 23	94 14 87		5.7		
1:56	306	27 45 16	94 15 98		5.7		
2:06	307	27 45 06	94 16 99		5.8		
2:16	308	27 44 92	94 18 09		6.0		
2:26	309	27 44 91	94 19 25		5.9		
2:36	310	27 44 82	94 20 37		5.7	Loran C.	
2:46	311	27 44 77	94 21 41		5.8		
2:56	312	27 44 58	94 22 52		5.8		
3:06	313	27 44 43	94 23 59		6.2		
3:16	314	27 44 30	94 24 61		6.1		
3:26	315	27 44 32	94 25 76		5.9		
3:36	316	27 44 30	94 26 81		5.8		
3:46	317	27 44 26	94 27 92		5.8		
3:56	318	27 44 19	94 28 96		5.8		

(a)
End line
6A
LINE 10
with
water
gun.

TAPE #26
000

SIDE B

TAPE
#27

27 46.22
93 59.37
Tape

WPT 14 } 27 58.02
= 165 } 94 34.14

WPT 12 } 27 46.5'
93 59.3'

WPT 13 } 27 43.5'
94 38'

622
681
682
101
270
429
561
680
788
46
234
387
517
635
745
164
322
461
583
690
796
127
276
442
567
681
787
080
256
406
538
656
763
017
206
356
485
600
081
256
401
525
636
125
293
427
547

Line name: _____				Energy: _____ J/PSI		Tape #: _____	
Descr: _____				Firing Rate: <u>3 sec</u>		Filter: _____	
Date: _____				Geophones: _____		Source: _____ ci	
Time	SP/Fix	LAT.	LONG.	WD	Ship speed	Nav. system	
4:06	319	27 43.95	94 29.55		5.8		
4:16	320	27 43.90	94 31.43		5.5		
4:26	321	27 43.84	94 33.17		5.5		
4:36	322	27 43.96	94 33.19		5.6		
4:46	323	27 43.87	94 34.15		5.5		
4:56	324	27 43.74	94 35.17		5.4		
5:06	325	27 43.57	94 36.15		5.6		
5:16	326	27 43.48	94 37.20		5.4		
5:26	327	27 43.49	94 38.49		5.8		
5:36	328	27 44.04	94 39.03		6.0	turn for w. P. 14	
5:46	329	27 45.00	94 39.14		6.0	side B @ 840 * L.C.	
5:56	330	27 46.20	94 38.50		7.0		
6:06	331	27 47.20	94 38.56		6.2		
6:16	332	27 48.13	94 39.13		4.8		
6:26	333	27 49.14	94 39.15		6.0	(L.C.) turning	
6:36	334	27 49.97	94 39.91		5.8		
6:46	335	27 50.90	94 38.23		6.7	ing starting tape	
6:56	336	27 51.82	94 37.73		6.8	TAPE # 30	
7:06	337	27 52.85	94 37.20		6.9		
7:16	338	27 53.93	94 36.55		7.0		
7:26	339	27 54.94	94 36.02		6.6		
7:36	340	27 55.93	94 35.53		6.4		
7:46	341	27 56.92	94 35.04	275	6.4		
7:56	342	27 57.90	94 34.53	248	6.3	side B @ 858	
8:06	343	27 58.768	94 33.941	228	6.3		
8:16	344	27 59.882	94 33.346	211	6.1		
8:25	345	28 00.594	94 32.768				
8:26	346	28.00.60	94.32.67	200	5.1		
8:36	347	27 59.884	94 32.352	213	4.6		
8:46	348	27 59.050	94 32.088	230	6.0		
8:56		we stopped to change				rope for cable, TAPE #31	
9:06		"	"	"	"	cable" rope	
9:16	349	27 57.271	94 31.295	282	5.9		
9:26	350	27 56.480	94 30.866	321	5.8		
9:36	351	27 55.394	94 30.411	338	6.0		
9:46	352	27 54.417	94 30.164	380	6.0		
9:56	353	27 53.233	94 30.028	467	6.1		
10:06	354	27 52.244	94 29.787	605	6.1		
10:16	355	27 51.246	94 29.518	> 600'	6.1	side B TAPE #31	
10:26	356	27 50.764	94 29.484	"	5.6		
10:36	357	27 49.392	94 29.051	"	6.4		
10:46	358	27 48.335	94 28.803	"	6.6		
10:56	359	27 47.358	94 28.537	"	6.1		
11:06	360	27 46.37	94 28.251	"	6.1		
11:16	361	27 45.39	94 27.97		6.0		
11:26	362	27 44.27	94 27.60		6.0		
11:36	363	27 43.31	94 27.67		5.0		
11:46	364	27 42.26	94 27.12		5.5		
11:56	365	27 41.17	94 26.72		5.5		

WPT 16 } 27° 35.5
 } 94° 26.0

WPT 20 } 28 11' 00
 } 94 32' 00

WPT 17 } 27° 38' 00
 } 94° 06' 00

WPT 21 } 28 34.50
 } 94° 29'

WPT 18 } 28° 00.5
(pt 150) } 94° 16.3

WPT 19 } 28 06.2
 } 94° 38.5

Line name: _____				Energy: _____ J/PSI		Tape #: _____	
Descr: _____				Firing Rate: _____		Filter: _____	
Date: _____				Geophones: _____		Source: _____ ci	
Time	SP/Fix	LAT.	LONG.	WD	Ship speed	Nav. system	
12:06	366	27 40.291	94 26 56.5	6.4	6.4		
12:16	367	27 39.147	94 26 55.5		2.5	streamer under	
12:26	368	27 38.41	94 26 31		6.4	gun	
12:36	369	27 37.51	94 26 06		6.1		
12:46	370	27 36.51	94 26 04		6.0		
12:56	371 A+B	27 35.471	94 25.870		6.0		
1:06	372	27 35.59	94 24.84		6.2		
1:16	373	27 35.774	94 23.701		6.2		
1:26	374	27 35.9	94 22.54		6.4		
1:36	375	27 36.04	94 21.38		6.4		
1:46	376	27 36.16	94 20.14		6.5		
1:56	377	27 36.35	94 18.95		6.5		
2:06	378	27 36.58	94 17.68		6.5		
2:16	379	27 36.64	94 16.43		6.8		
2:26	380	27 36.66	94 15.22		6.5		
2:36	381	27 36.87	94 13.99		6.7		
2:46	382	27 37.06	94 12.77		6.7		
2:56	383	27 37.24	94 11.59		6.4		
3:06	384	27 37.44	94 10.38		6.4		
3:16	385	27 37.65	94 09.21		6.5		
3:26	386	27 37.82	94 08.01		6.5		
3:36	387	27 37.85	94 06.77		6.5		
3:46	388	27 38.02	94 05.61		6.4		
3:56	389	27 38.21	94 04.40		6.5		
4:06	390	27 38.67	94 03.50		5.8		
4:16	391	27 39.53	94 03.52		6.0		
4:26	392	27 40.56	94 03.59		5.9		
4:36	393	27 41.61	94 03.61		6.0		
4:46	394	27 42.49	94 03.59		6.3		
4:56	395	27 43.48	94 03.44		6.4		
5:06	396	27 44.50	94 03.25		6.1		
5:16	397	27 45.15	94 03.14		6.2		
5:26	398	27 46.54	94 03.04		6.1	turning to next W.P.	
5:36	399	27 47.43	94 03.79		6.1	EOT 34	
5:46	400	27 48.30	94 04.39		6.1		
5:56	401	27 49.19	94 04.93		6.1		
6:06	402	27 50.13	94 05.41		6.2		
6:16	403	27 51.61	94 06.00		6.1		
6:26	404	27 51.74	94 06.60		6.2	EOT 35 mid, AOCAG	
6:36	405	27 51.81	94 06.91		6.2	shipped to change guns	
6:46	406	27 52.93	94 07.05		6.2		
6:56	407	27 53.69	94 07.78		6.0		
7:06	408	27 54.42	94 08.52		5.9		
7:16	409	27 55.83	94 09.15		5.9		
7:26	410	27 56.03	94 09.22		6.0	EOT 35 @ 665	
7:36	411	27 56.25	94 09.76		6.1		
7:46	412	27 58.09	94 10.76		6.5		
7:56	413	27 58.84	94 11.74		6.4		

NOTE 371 A: end of line 13 } same lat, long
 371 B Begin line 14 }

Line name: _____				Energy: _____ J/PSI		Tape #: _____	
Descr: _____				Firing Rate: _____		Filter: _____	
Date: _____				Geophones: _____		Source: _____ ci	
Time	SP/Fix	LAT.	LONG.	WD	Ship speed	Nav. system	
8:06pm	414	27 59.68	94 12.755	265	6.6	GPS	
8:16	415	27 59.976	94 13.811	243	6.2		
8:26	416	28 00.62	94 14.76	234	6.5		
8:36	417	28 01.300	94 15.722	228	6.5		
8:46	418	28 01.93	94 16.78	214	6.7		
8:56	419	28 02.61	94 17.75	214	6.7		
9:06	420	28 03.25	94 18.74	215	6.4		
9:16	421	28 03.87	94 19.68	199	6.0		
9:26pm	422	28 04.52	94 20.64	180	6.1		
9:36	423	28 05.51	94 21.52	183	5.7		
9:46	424	28 06.09	94 22.54	183	6.4		
9:56	425	28 06.58	94 23.34	177	6.5		
10:00	426	28 07.22	94 24.70	176	5.7		
10:16	427	28 07.84	94 25.65	183	5.5		
10:26	428	28 08.29	94 25.86	178	5.9		
10:36	429	28 09.07	94 26.50	176	5.8		
10:46	430	28 09.21	94 27.72	176	5.9		
10:56	431	28 09.87	94 28.45	175	5.9		
11:06	432	28 10.31	94 29.44	174	6.1		
11:16pm	433	28 10.68	94 30.06	172	6.3		
11:26	434	28 11.50	94 31.21	167	6.3		
11:36	435	28 11.71	94 32.05	165	6.7		
11:46	436	28 12.729	94 32.14	160	6.1		
11:56	437	28 13.906	94 32.215	158	6.1		
12:06	438	28 14.916	94 32.039	150	6.5		
12:16	439	28 15.763	94 31.731	149	6.0		
12:26	440	28 16.77	94 31.49	147	6.6		
12:36	441	28 17.868	94 31.308	145	6.4		
12:46	442	28 18.962	94 31.185	140	6.6		
12:56	443	28 20.034	94 31.068	138	6.4		
1:06 am	444	28 21.116	94 30.375	135	6.5		
1:16	445	28 22.139	94 30.582	132	6.3		
1:26	446	28 23.16	94 30.430	130	6.1		
1:36	447	28 24.265	94 30.34	130	6.2		
1:46	448	28 25.22	94 30.248	128	6.2		
1:56	449	28 26.265	94 30.15	125	6.2		
2:06	450	28 27.252	94 30.034	120	6.0		
2:16	451	28 28.352	94 30.031	118	6.2		
2:26	452	28 29.432	94 29.917	115	6.1		
2:36	453	28 30.428	94 29.821	112	6.1		
2:46	454	28 31.433	094 29.689	110	6.1		
2:56	455	28 32.455	094 29.629	107	5.9		
3:06	456	28 33.423	094 29.487	106	6.2		
3:16	457	28 34.448	094 29.190	105	6.1		
3:26	458	28 35.402	094 28.897	102	6.0		
3:36	459	28 36.375	094 28.548	98	6.3		
3:46	460	28 37.442	094 28.280	95	6.3		
3:56	461	28 38.306	094 28.040	93	6.3		
4:06	462	28 39.36	094 27.82	88	6.4		

tape
36B

tape #
37A

tape
37B

tape 38A
TURN →

38 B

tape 39A
TURN →
0636

tape 39B

changing
course.

tape 40A

666
776
6
202
362
500
625
737
841
074
256
408
539
658
768
015
210
368
491
614
726
831
136
300
436
556
663
737
?? oops
356
475
592
058
256
400
534
653
763
866
(800)
060
222
363
487
603
705
119
293
440
570

Line name: <u>05-91-17</u>	Energy: <u>2000 J/PSI</u>	Tape #: _____
Descr: <u>Other shelf dolveston</u>	Firing Rate: <u>3000</u>	Filter: <u>40-600</u>
Date: <u>8/11/91</u>	Geophones: <u>1</u>	Source: <u>ci</u>

micro input

ophone

8 phone
ophone

Time	SP/Fix	LAT.	LONG.	WD	Ship speed	Nav. system
18:20	1	29 22 018	94 23 947	38	5.1	GPS
18:30	2	29 21 175	94 23 355	41	4.8	
18:45	3	29 20 134	94 22 221	41	5.0	
18:55	4	29 19 688	94 28 257	42	4.9	
19:00	5	29 19 112	94 27 877	42	5.0	
7:15	6	29 18 033	94 27 091	42	5.0	
7:30	7	29 16.960	94 26.310	43	5.2	
7:45	8	29 16.398	94 25.543	45	6.3	
18:00	9	29 15.009	94 24.624	45	6.2	
18:15	10	29 13.627	94 23.792	45	6.2	
18:30	11	29 12.250	94 23.207	45	6.1	
18:45	12	29 10.303	94 22.090	45	5.9	
18:50	13	29 09.895	94 21.944	44	6.1	
18:55	14	29 08.578	94 20.485	45	6.1	
19:30	15	29 07.105	94 19.001	45	5.8	
19:45	16	29 06.218	94 18.419	44	5.7	
20:00	17	29 04.719	94 17.301	31	5.8	
10:15	18	29 03.600	94 16.572	46	5.8	
10:30	19	29 02.189	94 15.500	55	5.8	
10:45	20	29 01.215	94 14.599	52	5.5	
21:00	21	29 00.217	94 13.714	53	5.7	
11:15	22	28 58.558	94 12.801	55	5.6	
11:30	23	28 57.672	94 12.516	52	5.4	
11:45	2	28 56.317	94 12.099	60	5.8	
12:00	3	28 55.071	94 11.680	60	5.6	
12:15	4	28 53.642	94 11.189	60	5.6	
12:30	5	28 52.281	94 10.689	66	5.7	
12:45	6	28 51.029	94 10.204	71	5.6	
01:00	7	28 49.056	94 09.824	73	5.5	
01:15	8	28 48.582	94 09.355	74	5.7	
01:30	9	28 47.240	94 08.897	75	5.8	
01:45	10	28 45.918	94 08.653	77	5.5	
02:00	11	28 44.66	94 08.224	79	5.8	
02:15	12	28 43.154	94 07.782	83	5.1	
02:30	15	28 41.850	94 07.402	88	5.4	
02:45	16	28 40.479	94 06.863	90	6.0	
03:00	17	28 39.119	94 06.272	94	5.5	
03:15	18	28 37.877	94 05.765	97	5.1	
03:30	19	28 36.7	94 05.3	102	5.3	
03:45	20	28 35.4	94 05.1	105	5.1	
04:00	21	28 34.0	94 04.9	109	5.0	
04:25	23	28 31.8	94 04.3	116	6.1	LORAN C
04:30	24	28 30.9	94 04.8	119	5.8	"
04:45	25	28 29.4	94 04.7	123	5.5	"
05:00	26-33	28 27.8	94 05.2	130	5.8	"
05:15	34	28 26.3	94 04.9	137	6.2	GPS
05:28	1					
05:41	0	28 25.1	94 03.1	146	5.8	

JOC
05-91-17

earing
no red back
noise

Single turn
05-91-18

Fix
13-14
Changing
belt.

Computer
is jumping
fix no
fix 22 was
indicated

05-91-19

05-91-21

NO 19 and 20

10 m5 → 7.5 m → 70 → 52.5 m → 172.2
60 → 45 m → 147.6.

Yellow 7 phone
Black 7 phone

Carrollton

TAPE

05-01-23

0000 Tape 1A

180

368

0 Side C

548

848

961

0 Side A

63 Tape 2A

323

519

Tape 2A

37

323

526

Tape 3A

Side A

269

459

Tape 3F

Side B

336X

236

438

Tape 4A

Side X

SOL 05-01-24

(4 sec. firing)

141

337

Tape 4A

Side B

227-

431

512

124

372

564

734

101

353

565

730

000-→

TURN

309

Line name: 05-01-23		Energy: 2200 J/PSI		Tape #: 1		
Descr: Dip Jaws		Firing Rate: 1 sec		Filter: none		
Date: 1991 August 19		Geophones: 8		Source: 15 ci		
Time	SP/Fix	LAT.	LONG.	WD	Ship speed	Nav. system
1:31 pm	1	28 04.22	94 51.22	200	6.3	TAPE
1:45	2	28 03.0	94 51.5	200	4.9	1A-A
2:00	3	28 03.5	94 50.9	235	6.5	"
2:15	4	28 00.08	94 51.523	254	6.1	"
2:25	4			276		1A-B
2:30	5	27 58.6	94 50.3	276	5.2	GPS
2:48	6	27 56.8	94 50.1	303	5.7	
3:00	7	27 55.7	94 50.0	320	5.6	
3:11						2A-A
3:15	8	27 54.9	94 49.9	373	5.6	
3:30	9	27 52.8	94 49.8	487	5.9	
3:45	10	27 51.4	94 49.7	<600'	6.1	
3:58						2A-B
4:00	11	27 49.8	94 49.5	"	6.5	
4:15	12	27 48.0	94 49.08	"	5.8	
4:30	13	27 45.89	94 49.01	"	8.0	"
4:42						3A-A
4:48	14	27 44.45	94 48.11	"	6.4	
5:00	15	27 43.24	94 47.96	"	6.4	
5:15	16	27 41.60	94 47.80	"	6.7	
5:30	17	27 39.78	94 47.15	"	6.7	3A-B
5:45	18	27 38.6	94 47.42	"	6.5	
6:00	19	27 37.0	94 47.27	"	6.2	
6:15		-plotter	down			
6:30	*1	27 35.67	94 45.04	"	5.2	4A-A
6:45	2	27 35.76	94 44.04	"	5.3	
7:00	3	27 35.88	94 42.56	"	6.1	
7:17	4	27 36.4	94 40.85	"	7.0	4A-B
7:30	5	27 36.74	94 38.71	"	6.1	
7:45	6	27 36.78	94 37.09	"	6.0	
8:00	7	27 36.78	94 36.08	"	6.0	
8:08						5A-A
8:15	8	27 36.5	94 34.4	"	6.3	
8:30	9	27 37.01	94 33.9	"	6.4	
8:45	10	27 37.17	94 31.16	"	6.3	
9:00	11	27 37.9	94 28.9	"	6.1	
9:10						5A-B
9:15	12	27 37.2	94 27.2	"	6.4	
9:30	13	27 37.2	94 25.3	"	6.5	
9:45	14	27 37.4	94 23.7	"	6.5	
10:00	15	27 37.4	94 21.9	"	6.5	
10:15	16	27 37.4	94 20.1	"	6.0	6A-A
10:28	17	27 37.3	94 19.39	"		
10:31	1	27 37.6	94 18.3	"	5.8	GPS

LS000

4sec

0

3300

27 28.63
94 51.82

(2) 27 35
94 47

(3) 27 37.5
94 18.5

(5) 28 00
94 15
(6) 27 27
94 9

Line name: _____				Energy: _____ J/PSI		Tape #: _____		
Descr: _____ 05-91-25				Firing Rate: 3		Filter: none		
Date: _____ 8/10/91				Geophones: 8		Source: 15 ci		
Time	SP/Fix	LAT.	LONG.	^{feet} WD	Ship speed		Nav. system	
//////					Ships.	TAPE	Tape No	Nav. Sy.
10:45	2	27°39.06	94°18.7	2600'	6.4	6A-A	488	GPS
11:00	3	27°40.6	94°19.05	"	5.9	"	670	"
11:15	4	27°42.1	94°19.3	"	6.0	"	727	"
11:17	—	27°42.4	94°19.3	"	6.3	6A-B	0	"
11:30	5	27°43.7	94°19.5	"	6.3	"	031	"
11:45	6	27°45.2	94°19.7	"	6.2	"	313	"
12:00	7	27°46.7	94°19.9	"	6.2	"	496	"
12:15	8	27°48.3	94°20.2	"	6.2	"	657	"
12:19	—	—	—	—	—	7A-A	700-0	"
12:30	9	27°49.9	94°20.3	"	5.2	"	203	"
12:45	10	27°51.5	94°20.6	~400	6.2	"	434	"
1:00	11	27°53.0	94°21.0	457	6.0	"	625	"
1:15	12	27°54.4	94°21.4	430	6.1	"	783	"
1:21	—	—	—	—	—	7A-B	837-0	"
1:30	13	27°55.9	94°21.6	360	6.2	"	175	"
1:45	14	27°57.5	94°21.7	300	6.2	"	416	"
2:00	15	27°58.9	94°22.0	270	6.3	"	600	"
2:02	1	27°59.06	94°21.98	265	6.4	"	627	"
2:06	2	27°59.1	94°21.4	263	"	"	683	"
2:13	3	27°59.25	94°20.4	"	"	"	746	"
Sol 05-91-25B (pop record only)								
2:51	4	27°59.85	94°15.53	247	6.5	"	—	"
3:00	5	27°59.89	94°14.83	246	6.0	"	—	"
3:05	1	27°59.89	94°14.93	246	6.0	"	—	"
3:06	2	27°59.84	94°14.69	270	6.1	7A-B	746	"
3:15	3	27°58.42	94°14.56	273	6.1	"	818	"
3:16	—	—	—	—	—	8A-A	0	—
3:30	4	27°56.82	94°14.18	305	6.2	"	220	"
3:36	view	line reader	made on na	station	data	26	—	"
3:45	5	27°55.44	94°13.36	320	6.1	"	441	"
4:00	6	27°53.98	94°13.61	322	6.1	"	625	"
4:15	7	27°52.42	94°13.32	360	7.0	"	785	"
4:22	—	—	—	—	—	8A-B	0	"
4:30	8	27°51.08	94°13.16	420	6.2	"	147	"
4:45	9	27°49.51	94°13.31	585	6.0	"	380	"
5:00	10	27°48.16	94°12.8	7600	6.0	"	568	"
5:15	11	27°46.65	94°11.87	7600	6.2	"	740	"
5:23	—	—	—	—	—	9A-A	0	—
5:30	12	27°45.22	94°11.42	7600	6.2	"	119	"
5:45	13	27°43.76	94°10.92	7500	6.2	"	361	"
6:00	14	27°42.47	94°10.47	7600	6.2	"	560	"
6:15	15	27°40.92	94°10.04	7600	6.0	"	729	"
6:22	change	to 4 sec	sweep					
6:25	—	—	—	—	—	9A-B	0	—
6:30	16	27°40.0	94°9.61	7600	6.0	"	81	"
6:45	17	27°39.97	94°9.27	7600	6.0	"	36	"
6:57	18	27°36.86	94°8.27	"	6.0	"	62	"

Line No
05-91-25

END LINE
TURN
Line
OS-91-25
Change
paper
Stop to
bill up press
in compressor
LINE
OS-91-25

001 -

602 →
way
points

- ⑦ 27°38.5' 93°59'
- ⑧ 27°52.0' 94°00'
- ⑨ 27°57' 93°54'
- ⑩ 27°39' 93°50.5'
- ⑪ 27°40' 93°45'
- ⑫ 27°12.5' 92°57.5'

Line name: <u>05-91-27</u>	Energy: <u>2000</u> J/PSI	Tape #: _____
Descr: <u>drill</u>	Firing Rate: <u>4 sec</u>	Filter: <u>none</u>
Date: <u>1991 August 20</u>	Geophones: <u>3</u>	Source: <u>ci</u>

New line marker
in navigation
file 002
526
05-91-27

Time	SP/Fix	LAT.	LONG.	WD	Ship speed		Nav. system	
					Ships	Tape	Tape last	Nav. Sys
	1	27 35.86	94 8.42	7650	6.0	9A-B	502	REC
7:00	2	27 36.89	94 8.60	7650	6.2	"	543	"
7:15	3	27 37.02	94 6.46	7600	7.0	"	715	"
7:30	—	—	—	—	—	10A-A	0	—
7:30	4	27 37.24	94 4.46	7650	6.5	10A-A	0	"
7:38	—	changed to	3 sec mode	interval	—	"	153	—
7:45	5	27 37.29	94 2.88	7600	6.5	"	265	"
7:48	—	back to 2	sec. shot	interval	—	—	308	—
8:00	6	27 37.59	94 1.09	7600	6.3	"	480	"
8:15	7	27 38.11	93 59.31	"	6.2	"	658	"
8:30	8	27 38.5	93 57.8	"	6.2	"	813	"
8:32	—	—	—	"	—	10A-B	0	—
8:37	TURN 1	27° 38.7'	93 56.8	"	6.0	↓	134	—
8:45	2	27 39.4	93 57.0	"	6.0	↓	241	—
9:00	3	27 40.7	93 57.6	"	5.7	↓	458	—
9:15	4	27° 41.9	93 58.1	"	5.8	↓	641	—
9:30	5	27 43.3	93 58.2	"	5.7	"	799	—
9:34	—	—	—	—	—	11A-A	0	—
9:45	6	27° 44.8	93 58.6	"	5.6	↓	214	—
10:00	7	27° 46.1	93 58.7	"	5.8	↓	440	—
10:15	8	27° 47.8	93° 58.8	"	5.9	↓	627	—
10:30	9	27° 49.2	93 58.9	~600'	5.9	↓	785	—
10:37	—	—	—	550'	—	11A-B	853-0	—
10:45	10	27 50.7	93 59.2	478'	5.6	↓	164	—
11:00	11	27 52.0	93 59.8	373'	6.1	↓	401	—
11:10	turn 12	27 53.2	93° 59.8	327	6.1	↓	544	—
11:13	—	27 53.2	93° 59.4	325	—	↓	577	—
12:04	1	27 53.5	93° 53.7	377	6.3	11A-B	577	—
12:15	2	27° 59.4	93° 53.5	416	6.3	↓	636	—
12:30	3	27° 50.8	93° 53.3	382	6.7	↓	852	—
12:31	—	—	—	—	—	12A-A	0	—
12:45	4	27° 49.06	93° 59.9	467	6.3	↓	258	—
1:00	5	27° 47.6	93° 59.4	7600'	6.5	↓	473	—
1:15	6	27 46.61	93 51.9	7600'	6.5	↓	655	—
1:30	7	27 44.5	93 51.5	"	6.3	↓	812	—
1:33	—	—	—	—	—	12A-B	0	—
1:45	8	27° 49.9	93° 51.3	"	6.3	↓	227	—
2:00	9	27° 41.2	93° 51.1	"	6.0	↓	450	—
2:15	10	27 39.62	93 50.87	"	6.3	"	632	—
2:21	1	27 38.9	93 50.6	"	6.1	"	703	—
2:30	2	27° 39.18	93° 49.55	"	6.3	"	791	—
2:35	—	—	—	—	—	13A-A	0	—
2:45	3	27 39.30	93 47.24	"	6.3	"	174	—
3:00	4	27 39.53	93 45.98	"	6.3	"	404	—
3:15	5	27 39.81	93 44.22	"	6.4	"	594	—
3:25	1	27 40.0	93 42.93	"	4.5	"	715	—

3 sec sweeps
4 sec jumps

file 003
Line 05-91-28

End line 284
line 28A

Line 05-91-29
Same file 003

Turn
05-91-30

turn 502
05-91-31

New (8) 27 53'
94000

New (12) 98° 12' 963,
93° 56.606

(9) 93° 54.5'
27 53.5

stopoff - West of town
93° 48' Garden
27 52.1

Line name: <u>05-91-31</u>	Energy: <u>2500</u> J/PSI	Tape #: _____
Descr: <u>dip 210</u>	Firing Rate: <u>3 sec</u>	Filter: <u>none</u>
Date: <u>1991 August 20</u>	Geophones: <u>8</u>	Source: <u>15</u> ci

Time	SP/Fix	LAT.	LONG.	WD	Ship speed		Nav. system	
					Ship S.	Tape	Tape Port	Nav. Sys.
3:30	2	27 40.29	93 43.02	7600	2.2	13A-A	756	GPS
3:37	-	-	-	-	-	12A-B	-	-
3:45	3	27 40.36	93 42.95	7600	1.0	"	984	"
4:00	4	27 41.0	93 44.12	7600	2.0	"	220	"
4:02	stop	on point	-	-	-	-	249	"
4:04	-	27 41.92	93 43.29	7600	1.7	"	249	"
4:07	-	27 41.67	93 42.83	-	-	"	360	-
4:34	5	27 41.66	93 42.82	7600	5.0	"	362	GPS
4:45	6	27 42.66	93 43.35	7600	5.4	"	492	"
5:00	7	27 43.86	93 44.22	7600	5.7	"	617	"
5:01	-	-	-	-	-	14A-A	0	-
5:15	8	27 44.09	93 44.64	7600	5.5	"	759	"
5:30	9	27 46.62	93 45.54	7600	6.1	"	471	"
5:48	10	27 46.92	93 46.00	7600	7.8	"	600	"
6:00	11	27 49.33	93 46.70	422'	5.8	"	804	"
6:04	-	-	-	-	-	14A-B	0	-
6:15	12	27 50.72	93 47.22	380'	5.9	"	196	"
6:30	13	27 52.19	93 47.91	280'	6.1	"	431	"
new line	line	on new line	5000' S	500' (your	your)		
8:13pm	14	27 53.17	93 48.63	260'	3.0	"	438	"
8:30	15	27 54.5	93 49.1	295	5.9	"	583	"
8:45	16	27 55.96	93 49.6	350	6.0	"	741	"
9:00	17	27 57.24	93 49.6				837	
9:34	1	27 56.3	93 49.5	322	5.0	15A-A	0	
9:45	2	27 57.3	93 49.99	308	5.1	"	222	
10:00	3	27 58.5	93 50.6	285	6.2	"	447	
10:15	4	27 59.8	93 51.0	264	6.2	"	630	
10:30	5	28 01.2	93 51.8	234	6.1	"	731	
10:34	-	-	-	-	-	15A-B	8 -0	
10:45	6	28 02.6	93 52.3	217	6.0	"	199	
11:00	7	28 04.1	93 52.9	223	6.1	"	431	
11:15	8	28 05.5	93 53.5	217	6.0	"	618	
11:30	9	28 06.9	93 54.23	219	6.0	"	780	
11:36	-	-	-	-	-	16A-A	0	
11:45	10	28 08.4	93 54.9	218	6.1	"	171	
12:00	11	28 09.8	93 55.3	215	6.1	"	338	
12:15	12	28 11.3	93 55.7	210	6.0	"	586	
12:30	13	28 12.9	93 56.1	203	6.0	"	746	
12:32	1	28 13.08	93 56.2	201	5.2	"	770	
12:45	2	28 13.5	93 57.9	196	6.5	16A-B	828-0	
1:00	3	28 13.9	93 59.6	189	6.4	"	265	
1:15	4	28 14.6	94 01.14	184	6.0	"	485	LORINC
1:30	5	28 14.3	94 02.7	183	6.1	"	665	"

Caused to check engines

Tape on tape off boat or idle. Reset GPS to 000

Tape on point

Reset line 05-91-31 1200' to 0500' 2500'

Change to Baxner 1 sec filters 300-3000 05-91-31A 003 change record with no filters.

Line 05-91-32

firing rate 2 sec

500J 200

stop record

WROU
-WROU
TPOU
CORR
TION
MAD

Line name: <u>05-91-32</u>				Energy: <u>800 J/PSI</u>		Tape #: _____	
Descr: _____				Firing Rate: <u>2</u>		Filter: _____	
Date: <u>8/21/91</u>				Geophones: <u>8</u>		Source: <u>Boomer CI</u>	
Time	SP/Fix	LAT.	LONG.	WD	Ship speed		Nav. system
//////					Ship S.	TAPE	#tape Nav sys
1:37	6	28° 14.09	94° 8.55	181		16A-B	~755 GPS
1:45	7	28° 13.9	94° 4.4	177	6.0	"	806 "
1:49	—	—	—	—	—	17A-B	0 "
2:00	8	28° 13.6	94° 6.1	175	6.0	"	207 ✓
2:15	9	28 13.28	94 7.8	173	6.1	"	431 "
2:30	10	28 13.03	94 9.47	170	6.1	"	612 "
2:45	11	28 12.77	94 11.16	167	6.0	"	271 "
2:50	—	—	—	—	—	17A-B	0 —
3:00	12	28 12.47	94 12.80	165	5.8	"	172 "
3:15	13	28 12.08	94 14.52	165	6.2	"	403 "
3:30	14	28 11.61	94 17.20	166	~6.5	"	589 LOGANC
3:45	15	28 11.35	94 17.4	166	5.8	"	750 GPS
3:53	—	—	—	—	—	19A-A	0
4:00	16	28 10.83	94 20.5	167	5.8	"	129
4:15	17	28 10.39	94 22.07	168	6.0	"	376 GPS-LC
4:30	18	28 9.74	94 23.45	172	5.8	"	576 GPS-LC
4:45	19	28 9.18	94 24.86	175	5.4	"	746 GPS-LC
4:58	—	—	—	—	—	19A-B	0 —
5:00	20	28 8.85	94 25.41	177	5.9	"	37 GPS
5:15	21	28 8.56	94 27.06	180	6.0	"	306 "
5:30	22	28 8.27	94 28.72	178	6.1	"	516 "
5:45	23	28 7.98	94 30.42	180	6.2	"	693 "
6:00	24	28 7.92	94 32.16	177	6.2	"	850 "
6:01	—	—	—	—	—	20A-A	0 —
6:15	25	28 7.65	94 33.93	175	6.2	"	268 "
6:30	26	28 7.35	94 35.66	176	6.2	"	485 "
6:45	27	28 7.06	94 37.37	174	6.2	"	665 "
7:00	28	28 6.75	94 39.12	173	6.0	"	826 "
7:04	—	—	—	—	—	20A-B	0 —
7:15	29	28 6.44	94 40.60	170	6.0	"	198 "
7:30	30	28 6.15	94 42.23	172	6.0	"	427 "
7:45	31	28 5.65	94 44.00	170	6.0	"	616 "
8:00	32	28 5.36	94 45.66	173	6.4	"	781 "
8:06	—	—	—	—	—	21A-A	0 —
8:15	33	28° 5.27	94° 47.3	178	5.9	"	6
8:30	34	28° 4.98	94° 48.94	188	6.1	"	240
8:45	35	28° 4.7	94° 50.6	190	6.1	"	435
8:56	36	28° 4.4	94° 51.9	190	"	"	568
8:58	1	28 4.6	94 52.0	194	7.4	"	590
9:15	2	28° 6.4	94° 52.1	159	6.5	21A-B	740-0
9:30	3	28° 7.9	94° 52.5	157	6.4	"	278
9:45	4	28° 9.5	94° 52.7	158	6.0	"	492
10:00	5	28° 11.05	94° 52.8	162	6.5	"	667
10:15	6	28° 12.8	94 53.0	157	6.8	22A-A	829
10:20	—	—	—	—	—	—	0
10:30	7	28° 14.5	94° 53.01	2150	6.7	"	191
10:45	8	28° 16.2	94° 53.2	148	6.6	"	419
11:00	9	28° 17.8	94° 53.6	141	6.6	"	608

(Tape 19A used, 13A damaged)

Line 05-91-33
Navigation line
005
firing 1 sec.
500 J.

1001 point (19) 29° 07' 95° 00' entered.

Line name: 05-91-33				Energy: 800 J/PSI		Tape #: _____	
Descr: _____				Firing Rate: 1 sec		Filter: none	
Date: 8/21/91				Geophones: 8		Source: Boomer ci	
Time	SP/Fix	LAT.	LONG.	WD	Ship speed	TAPE	TAPE # Nav system
11:15	10	28° 19.5	94° 53.9	139	6.6	22A-A	773 GPS
11:23	—	—	—	—	—	22A-B	953-0
11:30	11	28° 21.1	94° 54.1	123	5.0	"	139 "
11:47	12	28° 23.1	94° 54.3	117	6.6	"	419
12:00	13	28° 24.6	94° 54.4	118	7.1	"	578
12:15	14	28° 26.2	94° 54.7	116	6.5	"	750
12:30	15	28° 27.8	94° 55.1	111	6.5	22A-A	858-0
12:45	16	28° 29.4	94 55.2	107	6.5	"	266 283
12:46	0-tape	—	—	—	—	23A-A	0
1:00	17	28° 30.99	94 55.29	103	6.4	"	254
1:15	18	28° 32.6	94° 55.2	98	6.4	"	472
1:30	19	28° 34.2	94° 55.3	94	6.7	"	653
1:45	20	28° 35.7	94° 55.5	92	6.4	"	809
1:48	—	—	—	—	—	23A-B	0
2:00	21	28° 37.32	94° 55.89	87	6.4	"	226 GPS
2:15	22	28 38.85	94 56.44	83	6.4	"	451 "
2:30	23	28 40.32	94 56.81	82	6.4	"	691 "
2:45	24	28 41.94	94 56.92	78	6.5	"	795 "
2:50	—	—	—	—	—	24A-A	2-10
3:00	25	28 43.52	94 57.15	73	6.5	"	133 "
3:15	26	28 45.18	94 57.34	67	6.6	"	362 "
3:30	27	28 46.86	94 57.54	61	6.2	"	558 "
3:45	28	28 48.41	94 57.73	56	6.3	"	723 "
3:52	—	—	—	—	—	24A-B	0
4:00	29	28 49.71	94 57.79	55	5.8	"	153 "
4:15	30	28 50.8	94 58.36	54	7.2	"	394 "
4:30	31	28 52.68	94 58.50	56	6.0	"	589 "
4:45	32	28 54.18	94 58.63	56	6.1	"	758 "
4:54	—	—	—	—	—	25A-A	0
5:00	33	28 55.70	94 58.72	56	6.1	"	111 "
5:15	34	28 57.2	94 58.31	54	6.4	"	357 "
5:30	35	28 59.1	94 58.9	51	6.4	"	556 "
5:45	36	29 0.69	94 59.28	45	6.4	"	727 "
5:55	—	—	—	—	—	25A-B	0
6:00	37	29 02.3	94 59.5	40	6.6	"	88 "
6:15	38	29 3.99	94 59.65	40	6.6	"	344 "
6:29	39	29 5.59	94 59.81	35	6.6	"	547 "

Note:
I confused
the cassettes
and
erased
data
from 0-283
on 22A-A
Sp 6-7 1/2
10:20 to 10:35
7:00 to 15 min

this is
in the
cass