

Jun 17, 16 14:04

hg01.txt

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PARTIAL SEG Y HEADER DUMP

hg01.seg

```

Length = 1000 samples      Shot Elevation = 1018.9
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 9955.16
High Cut Filter = 1000 Hz. Shot Y-COORD = 10301.57
Line ID: HGM1             Shot Date (year.moday) = 1994.0514
Shot Orientation:         Shot Time (hr:min) = 11:35
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	1	048	001	460.71	1021.77	10091.04	9861.37	1	0.0000	20	0	0
2	1	048	002	451.34	1021.66	10085.04	9869.34	1	0.0000	20	0	0
3	1	048	003	441.76	1021.59	10079.54	9877.70	1	0.0000	20	0	0
4	1	048	004	432.28	1021.66	10073.63	9885.86	1	0.0000	20	0	0
5	1	048	005	422.97	1021.69	10067.53	9893.82	1	0.0000	20	0	0
6	1	048	006	413.60	1021.65	10061.75	9901.96	1	0.0000	20	0	0
7	1	048	007	404.22	1021.55	10056.04	9910.16	1	0.0000	20	0	0
8	1	048	008	394.78	1021.39	10050.49	9918.49	1	0.0000	20	0	0
9	1	048	009	385.28	1021.28	10044.98	9926.92	1	0.0000	20	0	0
10	1	048	010	375.74	1021.14	10039.62	9935.46	1	0.0000	20	0	0
11	1	048	011	366.46	1020.83	10033.95	9943.69	1	0.0000	20	0	0
12	1	048	012	357.15	1020.91	10028.30	9952.00	1	0.0000	20	0	0
13	1	048	013	347.66	1021.05	10023.19	9960.65	1	0.0000	20	0	0
14	1	048	014	338.42	1021.28	10017.66	9968.99	1	0.0000	20	0	0
15	1	048	015	329.20	1021.44	10012.21	9977.37	1	0.0000	20	0	0
16	1	048	016	319.90	1021.41	10007.15	9985.94	1	0.0000	20	0	0
17	1	048	017	310.24	1021.42	10002.86	9995.04	1	0.0000	20	0	0
18	1	048	018	300.14	1021.44	10000.00	10004.82	1	0.0000	20	0	0
19	1	048	019	290.23	1021.38	9997.29	10014.44	1	0.0000	20	0	0
20	1	048	020	280.24	1021.29	9995.20	10024.23	1	0.0000	20	0	0
21	1	048	021	270.21	1021.30	9993.62	10034.13	1	0.0000	20	0	0
22	1	048	022	260.28	1021.25	9992.13	10043.95	1	0.0000	20	0	0
23	1	048	023	250.25	1021.30	9991.20	10053.95	1	0.0000	20	0	0
24	1	048	024	240.14	1021.26	9990.29	10064.04	1	0.0000	20	0	0
25	1	048	025	230.05	1021.11	9989.05	10074.05	1	0.0000	20	0	0
26	1	048	026	220.10	1021.09	9987.91	10083.94	1	0.0000	20	0	0
27	1	048	027	210.04	1021.14	9986.49	10093.91	1	0.0000	20	0	0
28	1	048	028	199.90	1021.22	9985.08	10103.95	1	0.0000	20	0	0
29	1	048	029	190.12	1021.28	9983.37	10113.59	1	0.0000	20	0	0
30	1	048	030	179.95	1021.30	9982.19	10123.69	1	0.0000	20	0	0
31	1	048	031	170.04	1021.28	9981.08	10133.55	1	0.0000	20	0	0
32	1	048	032	159.98	1021.28	9980.09	10143.58	1	0.0000	20	0	0
33	1	048	033	150.00	1021.30	9978.94	10153.51	1	0.0000	20	0	0
34	1	048	034	139.95	1021.32	9977.74	10163.50	1	0.0000	20	0	0
35	1	048	035	129.99	1021.25	9976.33	10173.36	1	0.0000	20	0	0
36	1	048	036	119.95	1021.15	9975.08	10183.33	1	0.0000	20	0	0
37	1	048	037	109.96	1021.13	9974.00	10193.29	1	0.0000	20	0	0
38	1	048	038	99.90	1021.08	9973.04	10203.34	1	0.0000	20	0	0
39	1	048	039	89.94	1021.07	9971.83	10213.25	1	0.0000	20	0	0
40	1	048	040	79.93	1021.00	9969.95	10223.08	1	0.0000	20	0	0
41	1	048	041	69.90	1020.89	9968.19	10232.96	1	0.0000	20	0	0
42	1	048	042	59.92	1020.83	9966.83	10242.87	1	0.0000	20	0	0
43	1	048	043	49.85	1020.71	9965.41	10252.87	1	0.0000	20	0	0
44	1	048	044	39.91	1020.67	9964.20	10262.80	1	0.0000	20	0	0
45	1	048	045	29.92	1020.53	9962.74	10272.75	1	0.0000	20	0	0
46	1	048	046	20.09	1020.52	9961.12	10282.57	1	0.0000	20	0	0
47	1	048	047	10.56	1020.45	9959.75	10292.41	1	0.0000	20	0	0
48	1	048	048	4.06	1020.33	9958.33	10302.20	1	0.0000	20	0	0

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hg02.txt

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PARTIAL SEG Y HEADER DUMP

hg02.seg

Length = 1000 samples
 Sample Interval = 0.00050 sec.
 Delay Time = 0 msec.
 Low Cut Filter = 32 Hz.
 High Cut Filter = 1000 Hz.
 Line ID: HGM1
 Shot Orientation:
 Azimuth= 0 Deg. Vertical= 0 Deg.

Shot Elevation = 1018.9
 Shot Depth = 1.0
 Up Hole Time = 0 msec
 Shot X-COORD = 9955.20
 Shot Y-COORD = 10301.59
 Shot Date (year.moday) = 1994.0514
 Shot Time (hr:min) = 11:43
 Charge Size (grams)= 0

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	1	048	001	460.68	1021.79	10091.00	9861.40	1	0.0000	20	0	0
2	1	048	002	451.38	1021.70	10085.00	9869.29	1	0.0000	20	0	0
3	1	048	003	441.75	1021.59	10079.50	9877.70	1	0.0000	20	0	0
4	1	048	004	432.24	1021.70	10073.59	9885.90	1	0.0000	20	0	0
5	1	048	005	423.00	1021.70	10067.50	9893.79	1	0.0000	20	0	0
6	1	048	006	413.58	1021.70	10061.79	9902.00	1	0.0000	20	0	0
7	1	048	007	404.18	1021.50	10056.00	9910.20	1	0.0000	20	0	0
8	1	048	008	394.78	1021.40	10050.50	9918.50	1	0.0000	20	0	0
9	1	048	009	385.32	1021.29	10045.00	9926.90	1	0.0000	20	0	0
10	1	048	010	375.70	1021.09	10039.59	9935.50	1	0.0000	20	0	0
11	1	048	011	366.47	1020.79	10034.00	9943.70	1	0.0000	20	0	0
12	1	048	012	357.16	1020.90	10028.29	9952.00	1	0.0000	20	0	0
13	1	048	013	347.62	1021.00	10023.20	9960.70	1	0.0000	20	0	0
14	1	048	014	338.43	1021.29	10017.70	9969.00	1	0.0000	20	0	0
15	1	048	015	329.18	1021.40	10012.20	9977.40	1	0.0000	20	0	0
16	1	048	016	319.96	1021.40	10007.20	9985.90	1	0.0000	20	0	0
17	1	048	017	310.30	1021.40	10002.90	9995.00	1	0.0000	20	0	0
18	1	048	018	300.18	1021.40	10000.00	10004.79	1	0.0000	20	0	0
19	1	048	019	290.28	1021.40	9997.29	10014.40	1	0.0000	20	0	0
20	1	048	020	280.28	1021.29	9995.20	10024.20	1	0.0000	20	0	0
21	1	048	021	270.26	1021.29	9993.59	10034.09	1	0.0000	20	0	0
22	1	048	022	260.24	1021.29	9992.09	10044.00	1	0.0000	20	0	0
23	1	048	023	250.22	1021.29	9991.20	10054.00	1	0.0000	20	0	0
24	1	048	024	240.19	1021.29	9990.29	10064.00	1	0.0000	20	0	0
25	1	048	025	230.11	1021.09	9989.00	10074.00	1	0.0000	20	0	0
26	1	048	026	220.15	1021.09	9987.90	10083.90	1	0.0000	20	0	0
27	1	048	027	210.06	1021.09	9986.50	10093.90	1	0.0000	20	0	0
28	1	048	028	199.87	1021.20	9985.09	10104.00	1	0.0000	20	0	0
29	1	048	029	190.13	1021.29	9983.40	10113.59	1	0.0000	20	0	0
30	1	048	030	179.96	1021.29	9982.20	10123.70	1	0.0000	20	0	0
31	1	048	031	170.11	1021.29	9981.09	10133.50	1	0.0000	20	0	0
32	1	048	032	159.98	1021.29	9980.09	10143.59	1	0.0000	20	0	0
33	1	048	033	150.01	1021.29	9978.90	10153.50	1	0.0000	20	0	0
34	1	048	034	139.95	1021.29	9977.70	10163.50	1	0.0000	20	0	0
35	1	048	035	129.96	1021.29	9976.29	10173.40	1	0.0000	20	0	0
36	1	048	036	120.01	1021.20	9975.09	10183.29	1	0.0000	20	0	0
37	1	048	037	109.97	1021.09	9974.00	10193.29	1	0.0000	20	0	0
38	1	048	038	99.95	1021.09	9973.00	10203.29	1	0.0000	20	0	0
39	1	048	039	89.90	1021.09	9971.79	10213.29	1	0.0000	20	0	0
40	1	048	040	79.94	1021.00	9970.00	10223.09	1	0.0000	20	0	0
41	1	048	041	69.88	1020.90	9968.20	10233.00	1	0.0000	20	0	0
42	1	048	042	59.89	1020.79	9966.79	10242.90	1	0.0000	20	0	0
43	1	048	043	49.83	1020.70	9965.40	10252.90	1	0.0000	20	0	0
44	1	048	044	39.93	1020.70	9964.20	10262.79	1	0.0000	20	0	0
45	1	048	045	29.87	1020.50	9962.70	10272.79	1	0.0000	20	0	0
46	1	048	046	20.06	1020.50	9961.09	10282.59	1	0.0000	20	0	0
47	1	048	047	10.60	1020.50	9959.79	10292.40	1	0.0000	20	0	0
48	1	048	048	3.95	1020.29	9958.29	10302.20	1	0.0000	20	0	0

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hg03.txt

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PARTIAL SEG Y HEADER DUMP

hg03.seg

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Length = 1000 samples      Shot Elevation = 1019.1
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 9986.09
High Cut Filter = 1000 Hz. Shot Y-COORD = 10063.29
Line ID: HGM1             Shot Date (year.moday) = 1994.0514
Shot Orientation:         Shot Time (hr:min) = 12:09
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	2	024	001	227.55	1021.79	10091.00	9861.40	1	0.0000	20	0	0
2	2	024	002	217.79	1021.70	10085.00	9869.29	1	0.0000	20	0	0
3	2	024	003	207.80	1021.59	10079.50	9877.70	1	0.0000	20	0	0
4	2	024	004	197.83	1021.70	10073.59	9885.90	1	0.0000	20	0	0
5	2	024	005	188.07	1021.70	10067.50	9893.79	1	0.0000	20	0	0
6	2	024	006	178.21	1021.70	10061.79	9902.00	1	0.0000	20	0	0
7	2	024	007	168.33	1021.50	10056.00	9910.20	1	0.0000	20	0	0
8	2	024	008	158.50	1021.40	10050.50	9918.50	1	0.0000	20	0	0
9	2	024	009	148.60	1021.29	10045.00	9926.90	1	0.0000	20	0	0
10	2	024	010	138.57	1021.09	10039.59	9935.50	1	0.0000	20	0	0
11	2	024	011	128.86	1020.79	10034.00	9943.70	1	0.0000	20	0	0
12	2	024	012	119.06	1020.90	10028.29	9952.00	1	0.0000	20	0	0
13	2	024	013	109.13	1021.00	10023.20	9960.70	1	0.0000	20	0	0
14	2	024	014	99.50	1021.29	10017.70	9969.00	1	0.0000	20	0	0
15	2	024	015	89.83	1021.40	10012.20	9977.40	1	0.0000	20	0	0
16	2	024	016	80.29	1021.40	10007.20	9985.90	1	0.0000	20	0	0
17	2	024	017	70.41	1021.40	10002.90	9995.00	1	0.0000	20	0	0
18	2	024	018	60.22	1021.40	10000.00	10004.79	1	0.0000	20	0	0
19	2	024	019	50.27	1021.40	9997.29	10014.40	1	0.0000	20	0	0
20	2	024	020	40.26	1021.29	9995.20	10024.20	1	0.0000	20	0	0
21	2	024	021	30.32	1021.29	9993.59	10034.09	1	0.0000	20	0	0
22	2	024	022	20.45	1021.29	9992.09	10044.00	1	0.0000	20	0	0
23	2	024	023	11.08	1021.29	9991.20	10054.00	1	0.0000	20	0	0
24	2	024	024	5.33	1021.29	9990.29	10064.00	1	0.0000	20	0	0
25	2	024	025	11.50	1021.09	9989.00	10074.00	1	0.0000	20	0	0
26	2	024	026	20.91	1021.09	9987.90	10083.90	1	0.0000	20	0	0
27	2	024	027	30.76	1021.09	9986.50	10093.90	1	0.0000	20	0	0
28	2	024	028	40.84	1021.20	9985.09	10104.00	1	0.0000	20	0	0
29	2	024	029	50.47	1021.29	9983.40	10113.59	1	0.0000	20	0	0
30	2	024	030	60.62	1021.29	9982.20	10123.70	1	0.0000	20	0	0
31	2	024	031	70.46	1021.29	9981.09	10133.50	1	0.0000	20	0	0
32	2	024	032	80.59	1021.29	9980.09	10143.59	1	0.0000	20	0	0
33	2	024	033	90.55	1021.29	9978.90	10153.50	1	0.0000	20	0	0
34	2	024	034	100.61	1021.29	9977.70	10163.50	1	0.0000	20	0	0
35	2	024	035	110.59	1021.29	9976.29	10173.40	1	0.0000	20	0	0
36	2	024	036	120.54	1021.20	9975.09	10183.29	1	0.0000	20	0	0
37	2	024	037	130.60	1021.09	9974.00	10193.29	1	0.0000	20	0	0
38	2	024	038	140.64	1021.09	9973.00	10203.29	1	0.0000	20	0	0
39	2	024	039	150.71	1021.09	9971.79	10213.29	1	0.0000	20	0	0
40	2	024	040	160.63	1021.00	9970.00	10223.09	1	0.0000	20	0	0
41	2	024	041	170.67	1020.90	9968.20	10233.00	1	0.0000	20	0	0
42	2	024	042	180.66	1020.79	9966.79	10242.90	1	0.0000	20	0	0
43	2	024	043	190.75	1020.70	9965.40	10252.90	1	0.0000	20	0	0
44	2	024	044	200.71	1020.70	9964.20	10262.79	1	0.0000	20	0	0
45	2	024	045	210.82	1020.50	9962.70	10272.79	1	0.0000	20	0	0
46	2	024	046	220.73	1020.50	9961.09	10282.59	1	0.0000	20	0	0
47	2	024	047	230.63	1020.50	9959.79	10292.40	1	0.0000	20	0	0
48	2	024	048	240.53	1020.29	9958.29	10302.20	1	0.0000	20	0	0

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hg04.txt

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PARTIAL SEG Y HEADER DUMP

hg04.seg

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Length = 1000 samples      Shot Elevation = 1019.1
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 9986.09
High Cut Filter = 1000 Hz. Shot Y-COORD = 10063.29
Line ID: HGM1             Shot Date (year.moday) = 1994.0514
Shot Orientation:         Shot Time (hr:min) = 12:37
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	3	024	001	227.55	1021.79	10091.00	9861.40	1	0.0000	20	0	0
2	3	024	002	217.79	1021.70	10085.00	9869.29	1	0.0000	20	0	0
3	3	024	003	207.80	1021.59	10079.50	9877.70	1	0.0000	20	0	0
4	3	024	004	197.83	1021.70	10073.59	9885.90	1	0.0000	20	0	0
5	3	024	005	188.07	1021.70	10067.50	9893.79	1	0.0000	20	0	0
6	3	024	006	178.21	1021.70	10061.79	9902.00	1	0.0000	20	0	0
7	3	024	007	168.33	1021.50	10056.00	9910.20	1	0.0000	20	0	0
8	3	024	008	158.50	1021.40	10050.50	9918.50	1	0.0000	20	0	0
9	3	024	009	148.60	1021.29	10045.00	9926.90	1	0.0000	20	0	0
10	3	024	010	138.57	1021.09	10039.59	9935.50	1	0.0000	20	0	0
11	3	024	011	128.86	1020.79	10034.00	9943.70	1	0.0000	20	0	0
12	3	024	012	119.06	1020.90	10028.29	9952.00	1	0.0000	20	0	0
13	3	024	013	109.13	1021.00	10023.20	9960.70	1	0.0000	20	0	0
14	3	024	014	99.50	1021.29	10017.70	9969.00	1	0.0000	20	0	0
15	3	024	015	89.83	1021.40	10012.20	9977.40	1	0.0000	20	0	0
16	3	024	016	80.29	1021.40	10007.20	9985.90	1	0.0000	20	0	0
17	3	024	017	70.41	1021.40	10002.90	9995.00	1	0.0000	20	0	0
18	3	024	018	60.22	1021.40	10000.00	10004.79	1	0.0000	20	0	0
19	3	024	019	50.27	1021.40	9997.29	10014.40	1	0.0000	20	0	0
20	3	024	020	40.26	1021.29	9995.20	10024.20	1	0.0000	20	0	0
21	3	024	021	30.32	1021.29	9993.59	10034.09	1	0.0000	20	0	0
22	3	024	022	20.45	1021.29	9992.09	10044.00	1	0.0000	20	0	0
23	3	024	023	11.08	1021.29	9991.20	10054.00	1	0.0000	20	0	0
24	3	024	024	5.33	1021.29	9990.29	10064.00	1	0.0000	20	0	0
25	3	024	025	11.50	1021.09	9989.00	10074.00	1	0.0000	20	0	0
26	3	024	026	20.91	1021.09	9987.90	10083.90	1	0.0000	20	0	0
27	3	024	027	30.76	1021.09	9986.50	10093.90	1	0.0000	20	0	0
28	3	024	028	40.84	1021.20	9985.09	10104.00	1	0.0000	20	0	0
29	3	024	029	50.47	1021.29	9983.40	10113.59	1	0.0000	20	0	0
30	3	024	030	60.62	1021.29	9982.20	10123.70	1	0.0000	20	0	0
31	3	024	031	70.46	1021.29	9981.09	10133.50	1	0.0000	20	0	0
32	3	024	032	80.59	1021.29	9980.09	10143.59	1	0.0000	20	0	0
33	3	024	033	90.55	1021.29	9978.90	10153.50	1	0.0000	20	0	0
34	3	024	034	100.61	1021.29	9977.70	10163.50	1	0.0000	20	0	0
35	3	024	035	110.59	1021.29	9976.29	10173.40	1	0.0000	20	0	0
36	3	024	036	120.54	1021.20	9975.09	10183.29	1	0.0000	20	0	0
37	3	024	037	130.60	1021.09	9974.00	10193.29	1	0.0000	20	0	0
38	3	024	038	140.64	1021.09	9973.00	10203.29	1	0.0000	20	0	0
39	3	024	039	150.71	1021.09	9971.79	10213.29	1	0.0000	20	0	0
40	3	024	040	160.63	1021.00	9970.00	10223.09	1	0.0000	20	0	0
41	3	024	041	170.67	1020.90	9968.20	10233.00	1	0.0000	20	0	0
42	3	024	042	180.66	1020.79	9966.79	10242.90	1	0.0000	20	0	0
43	3	024	043	190.75	1020.70	9965.40	10252.90	1	0.0000	20	0	0
44	3	024	044	200.71	1020.70	9964.20	10262.79	1	0.0000	20	0	0
45	3	024	045	210.82	1020.50	9962.70	10272.79	1	0.0000	20	0	0
46	3	024	046	220.73	1020.50	9961.09	10282.59	1	0.0000	20	0	0
47	3	024	047	230.63	1020.50	9959.79	10292.40	1	0.0000	20	0	0
48	3	024	048	240.53	1020.29	9958.29	10302.20	1	0.0000	20	0	0

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hg05.txt

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PARTIAL SEG Y HEADER DUMP

hg05.seg

```

Length = 1000 samples      Shot Elevation = 1018.9
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 9955.20
High Cut Filter = 1000 Hz. Shot Y-COORD = 10301.59
Line ID: HGM1             Shot Date (year.moday) = 1994.0514
Shot Orientation:         Shot Time (hr:min) = 13:13
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	4	048	024	240.19	1021.29	9990.29	10064.00	1	0.1498	40	0	0
2	4	048	025	230.11	1021.09	9989.00	10074.00	1	0.1490	40	0	0
3	4	048	026	220.15	1021.09	9987.90	10083.90	1	0.1485	40	0	0
4	4	048	027	210.06	1021.09	9986.50	10093.90	1	0.1458	40	0	0
5	4	048	028	199.87	1021.20	9985.09	10104.00	1	0.1375	40	0	0
6	4	048	029	190.13	1021.29	9983.40	10113.59	1	0.1394	40	0	0
7	4	048	030	179.96	1021.29	9982.20	10123.70	1	0.1327	40	0	0
8	4	048	031	170.11	1021.29	9981.09	10133.50	1	0.1300	40	0	0
9	4	048	032	159.98	1021.29	9980.09	10143.59	1	0.1260	40	0	0
10	4	048	033	150.01	1021.29	9978.90	10153.50	1	0.1215	40	0	0
11	4	048	034	139.95	1021.29	9977.70	10163.50	1	0.1191	40	0	0
12	4	048	035	129.96	1021.29	9976.29	10173.40	1	0.1172	40	0	0
13	4	048	036	120.01	1021.20	9975.09	10183.29	1	0.1124	40	0	0
14	4	048	037	109.97	1021.09	9974.00	10193.29	1	0.1089	40	0	0
15	4	048	038	99.95	1021.09	9973.00	10203.29	1	0.1081	40	0	0
16	4	048	039	89.90	1021.09	9971.79	10213.29	1	0.1060	40	0	0
17	4	048	040	79.94	1021.00	9970.00	10223.09	1	0.0967	40	0	0
18	4	048	041	69.88	1020.90	9968.20	10233.00	1	0.0999	40	0	0
19	4	048	042	59.89	1020.79	9966.79	10242.90	1	0.0713	40	0	0
20	4	048	043	49.83	1020.70	9965.40	10252.90	1	0.0601	40	0	0
21	4	048	044	39.93	1020.70	9964.20	10262.79	1	0.0481	40	0	0
22	4	048	045	29.87	1020.50	9962.70	10272.79	1	0.0377	40	0	0
23	4	048	046	20.06	1020.50	9961.09	10282.59	1	0.0283	40	0	0
24	4	048	047	10.60	1020.50	9959.79	10292.40	1	0.0171	40	0	0
25	4	048	048	3.95	1020.29	9958.29	10302.20	1	0.0128	40	0	0
26	4	048	049	10.77	1020.20	9956.70	10312.00	1	0.0176	40	0	0
27	4	048	050	20.62	1020.09	9955.09	10322.09	1	0.0291	40	0	0
28	4	048	051	30.58	1020.00	9952.70	10332.00	1	0.0368	40	0	0
29	4	048	052	40.16	1020.00	9948.90	10341.20	1	0.0441	40	0	0
30	4	048	053	49.69	1020.00	9944.20	10350.00	1	0.0539	40	0	0
31	4	048	054	58.92	1020.00	9938.00	10357.90	1	0.0724	40	0	0
32	4	048	055	68.40	1020.00	9932.00	10365.90	1	0.0785	40	0	0
33	4	048	056	77.95	1020.00	9925.90	10373.79	1	0.0881	40	0	0
34	4	048	057	87.79	1020.09	9920.50	10382.20	1	0.0940	40	0	0
35	4	048	058	97.64	1020.20	9914.90	10390.50	1	0.1132	40	0	0
36	4	048	059	107.62	1020.20	9909.29	10398.90	1	0.1138	40	0	0
37	4	048	060	117.52	1020.20	9903.29	10407.00	1	0.1135	40	0	0
38	4	048	061	127.17	1020.09	9897.50	10414.90	1	0.1146	40	0	0
39	4	048	062	137.02	1020.09	9891.90	10423.09	1	0.1164	40	0	0
40	4	048	063	146.93	1020.20	9886.20	10431.29	1	0.1204	40	0	0
41	4	048	064	156.82	1020.20	9880.40	10439.40	1	0.1236	40	0	0
42	4	048	065	166.75	1020.09	9874.50	10447.50	1	0.1215	40	0	0
43	4	048	066	176.74	1020.20	9868.50	10455.59	1	0.1263	40	0	0
44	4	048	067	186.69	1020.29	9862.79	10463.79	1	0.1303	40	0	0
45	4	048	068	196.74	1020.29	9856.90	10472.00	1	0.1319	40	0	0
46	4	048	069	206.65	1020.29	9851.29	10480.20	1	0.1335	40	0	0
47	4	048	070	216.59	1020.29	9845.29	10488.20	1	0.1372	40	0	0
48	4	048	071	226.63	1020.20	9839.59	10496.50	1	0.1429	40	0	0

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hg06.txt

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PARTIAL SEG Y HEADER DUMP

hg06.seg

```

Length = 1000 samples          Shot Elevation = 1019.1
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.           Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.         Shot X-COORD = 9986.09
High Cut Filter = 1000 Hz.      Shot Y-COORD = 10063.29
Line ID: HGM1                  Shot Date (year.moday) = 1994.0514
Shot Orientation:              Shot Time (hr:min) = 13:36
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	5	024	024	5.33	1021.29	9990.29	10064.00	1	0.0339	40	0	0
2	5	024	025	11.50	1021.09	9989.00	10074.00	1	0.0176	40	0	0
3	5	024	026	20.91	1021.09	9987.90	10083.90	1	0.0310	40	0	0
4	5	024	027	30.76	1021.09	9986.50	10093.90	1	0.0395	40	0	0
5	5	024	028	40.84	1021.20	9985.09	10104.00	1	0.0489	40	0	0
6	5	024	029	50.47	1021.29	9983.40	10113.59	1	0.0574	40	0	0
7	5	024	030	60.62	1021.29	9982.20	10123.70	1	0.0644	40	0	0
8	5	024	031	70.46	1021.29	9981.09	10133.50	1	0.0729	40	0	0
9	5	024	032	80.59	1021.29	9980.09	10143.59	1	0.0774	40	0	0
10	5	024	033	90.55	1021.29	9978.90	10153.50	1	0.0892	40	0	0
11	5	024	034	100.61	1021.29	9977.70	10163.50	1	0.1095	40	0	0
12	5	024	035	110.59	1021.29	9976.29	10173.40	1	0.1215	40	0	0
13	5	024	036	120.54	1021.20	9975.09	10183.29	1	0.1255	40	0	0
14	5	024	037	130.60	1021.09	9974.00	10193.29	1	0.1266	40	0	0
15	5	024	038	140.64	1021.09	9973.00	10203.29	1	0.1279	40	0	0
16	5	024	039	150.71	1021.09	9971.79	10213.29	1	0.1314	40	0	0
17	5	024	040	160.63	1021.00	9970.00	10223.09	1	0.1338	40	0	0
18	5	024	041	170.67	1020.90	9968.20	10233.00	1	0.1354	40	0	0
19	5	024	042	180.66	1020.79	9966.79	10242.90	1	0.1367	40	0	0
20	5	024	043	190.75	1020.70	9965.40	10252.90	1	0.1386	40	0	0
21	5	024	044	200.71	1020.70	9964.20	10262.79	1	0.0000	40	0	0
22	5	024	045	210.82	1020.50	9962.70	10272.79	1	0.1413	40	0	0
23	5	024	046	220.73	1020.50	9961.09	10282.59	1	0.1445	40	0	0
24	5	024	047	230.63	1020.50	9959.79	10292.40	1	0.1503	40	0	0
25	5	024	048	240.53	1020.29	9958.29	10302.20	1	0.1535	40	0	0
26	5	024	049	250.45	1020.20	9956.70	10312.00	1	0.1562	40	0	0
27	5	024	050	260.66	1020.09	9955.09	10322.09	1	0.1551	40	0	0
28	5	024	051	270.78	1020.00	9952.70	10332.00	1	0.1583	40	0	0
29	5	024	052	280.39	1020.00	9948.90	10341.20	1	0.1602	40	0	0
30	5	024	053	289.76	1020.00	9944.20	10350.00	1	0.1629	40	0	0
31	5	024	054	298.52	1020.00	9938.00	10357.90	1	0.1648	40	0	0
32	5	024	055	307.41	1020.00	9932.00	10365.90	1	0.1664	40	0	0
33	5	024	056	316.29	1020.00	9925.90	10373.79	1	0.0000	40	0	0
34	5	024	057	325.59	1020.09	9920.50	10382.20	1	0.1746	40	0	0
35	5	024	058	334.87	1020.20	9914.90	10390.50	1	0.1821	40	0	0
36	5	024	059	344.29	1020.20	9909.29	10398.90	1	0.1714	40	0	0
37	5	024	060	353.55	1020.20	9903.29	10407.00	1	0.1794	40	0	0
38	5	024	061	362.60	1020.09	9897.50	10414.90	1	0.1821	40	0	0
39	5	024	062	371.93	1020.09	9891.90	10423.09	1	0.0000	40	0	0
40	5	024	063	381.32	1020.20	9886.20	10431.29	1	0.1853	40	0	0
41	5	024	064	390.68	1020.20	9880.40	10439.40	1	0.0000	40	0	0
42	5	024	065	400.09	1020.09	9874.50	10447.50	1	0.1907	40	0	0
43	5	024	066	409.55	1020.20	9868.50	10455.59	1	0.1899	40	0	0
44	5	024	067	419.06	1020.29	9862.79	10463.79	1	0.1973	40	0	0
45	5	024	068	428.65	1020.29	9856.90	10472.00	1	0.0000	40	0	0
46	5	024	069	438.17	1020.29	9851.29	10480.20	1	0.1995	40	0	0
47	5	024	070	447.64	1020.29	9845.29	10488.20	1	0.1997	40	0	0
48	5	024	071	457.32	1020.20	9839.59	10496.50	1	0.1997	40	0	0

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hg07.txt

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PARTIAL SEG Y HEADER DUMP

hg07.seg

```

Length = 1000 samples      Shot Elevation = 1020.0
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 10015.70
High Cut Filter = 1000 Hz. Shot Y-COORD = 9967.40
Line ID: HGM1             Shot Date (year.moday) = 1994.0514
Shot Orientation:         Shot Time (hr:min) = 13:44
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	6	014	024	99.91	1021.29	9990.29	10064.00	1	0.1234	40	0	0
2	6	014	025	109.91	1021.09	9989.00	10074.00	1	0.1101	40	0	0
3	6	014	026	119.79	1021.09	9987.90	10083.90	1	0.1230	40	0	0
4	6	014	027	129.84	1021.09	9986.50	10093.90	1	0.1282	40	0	0
5	6	014	028	140.00	1021.20	9985.09	10104.00	1	0.1390	40	0	0
6	6	014	029	149.73	1021.29	9983.40	10113.59	1	0.1458	40	0	0
7	6	014	030	159.87	1021.29	9982.20	10123.70	1	0.1494	40	0	0
8	6	014	031	169.68	1021.29	9981.09	10133.50	1	0.1346	40	0	0
9	6	014	032	179.77	1021.29	9980.09	10143.59	1	0.1330	40	0	0
10	6	014	033	189.72	1021.29	9978.90	10153.50	1	0.1318	40	0	0
11	6	014	034	199.76	1021.29	9977.70	10163.50	1	0.1358	40	0	0
12	6	014	035	209.75	1021.29	9976.29	10173.40	1	0.1454	40	0	0
13	6	014	036	219.69	1021.20	9975.09	10183.29	1	0.1434	40	0	0
14	6	014	037	229.72	1021.09	9974.00	10193.29	1	0.1410	40	0	0
15	6	014	038	239.73	1021.09	9973.00	10203.29	1	0.1506	40	0	0
16	6	014	039	249.79	1021.09	9971.79	10213.29	1	0.1514	40	0	0
17	6	014	040	259.75	1021.00	9970.00	10223.09	1	0.1518	40	0	0
18	6	014	041	269.82	1020.90	9968.20	10233.00	1	0.1534	40	0	0
19	6	014	042	279.81	1020.79	9966.79	10242.90	1	0.1614	40	0	0
20	6	014	043	289.90	1020.70	9965.40	10252.90	1	0.1638	40	0	0
21	6	014	044	299.85	1020.70	9964.20	10262.79	1	0.1614	40	0	0
22	6	014	045	309.96	1020.50	9962.70	10272.79	1	0.1658	40	0	0
23	6	014	046	319.89	1020.50	9961.09	10282.59	1	0.1706	40	0	0
24	6	014	047	329.78	1020.50	9959.79	10292.40	1	0.1678	40	0	0
25	6	014	048	339.69	1020.29	9958.29	10302.20	1	0.1734	40	0	0
26	6	014	049	349.62	1020.20	9956.70	10312.00	1	0.1810	40	0	0
27	6	014	050	359.83	1020.09	9955.09	10322.09	1	0.1794	40	0	0
28	6	014	051	370.00	1020.00	9952.70	10332.00	1	0.1834	40	0	0
29	6	014	052	379.72	1020.00	9948.90	10341.20	1	0.1846	40	0	0
30	6	014	053	389.22	1020.00	9944.20	10350.00	1	0.1794	40	0	0
31	6	014	054	398.16	1020.00	9938.00	10357.90	1	0.1895	40	0	0
32	6	014	055	407.20	1020.00	9932.00	10365.90	1	0.1907	40	0	0
33	6	014	056	416.19	1020.00	9925.90	10373.79	1	0.1967	40	0	0
34	6	014	057	425.59	1020.09	9920.50	10382.20	1	0.1786	40	0	0
35	6	014	058	434.94	1020.20	9914.90	10390.50	1	0.1963	40	0	0
36	6	014	059	444.43	1020.20	9909.29	10398.90	1	0.1911	40	0	0
37	6	014	060	453.75	1020.20	9903.29	10407.00	1	0.2007	40	0	0
38	6	014	061	462.85	1020.09	9897.50	10414.90	1	0.1947	40	0	0
39	6	014	062	472.21	1020.09	9891.90	10423.09	1	0.1983	40	0	0
40	6	014	063	481.63	1020.20	9886.20	10431.29	1	0.2035	40	0	0
41	6	014	064	491.01	1020.20	9880.40	10439.40	1	0.2111	40	0	0
42	6	014	065	500.43	1020.09	9874.50	10447.50	1	0.2031	40	0	0
43	6	014	066	509.90	1020.20	9868.50	10455.59	1	0.2119	40	0	0
44	6	014	067	519.41	1020.29	9862.79	10463.79	1	0.2043	40	0	0
45	6	014	068	529.00	1020.29	9856.90	10472.00	1	0.2143	40	0	0
46	6	014	069	538.51	1020.29	9851.29	10480.20	1	0.2199	40	0	0
47	6	014	070	547.97	1020.29	9845.29	10488.20	1	0.2223	40	0	0
48	6	014	071	557.64	1020.20	9839.59	10496.50	1	0.2207	40	0	0

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hg08.txt

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PARTIAL SEG Y HEADER DUMP

hg08.seg

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Length = 1000 samples      Shot Elevation = 1018.9
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 9838.20
High Cut Filter = 1000 Hz. Shot Y-COORD = 10495.59
Line ID: HGM1             Shot Date (year.moday) = 1994.0514
Shot Orientation:         Shot Time (hr:min) = 14:09
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	7	071	024	457.62	1021.29	9990.29	10064.00	1	0.1943	40	0	0
2	7	071	025	447.76	1021.09	9989.00	10074.00	1	0.1859	40	0	0
3	7	071	026	438.07	1021.09	9987.90	10083.90	1	0.1856	40	0	0
4	7	071	027	428.20	1021.09	9986.50	10093.90	1	0.1949	40	0	0
5	7	071	028	418.25	1021.20	9985.09	10104.00	1	0.1969	40	0	0
6	7	071	029	408.68	1021.29	9983.40	10113.59	1	0.1832	40	0	0
7	7	071	030	398.81	1021.29	9982.20	10123.70	1	0.1842	40	0	0
8	7	071	031	389.28	1021.29	9981.09	10133.50	1	0.1752	40	0	0
9	7	071	032	379.54	1021.29	9980.09	10143.59	1	0.1719	40	0	0
10	7	071	033	369.91	1021.29	9978.90	10153.50	1	0.1712	40	0	0
11	7	071	034	360.22	1021.29	9977.70	10163.50	1	0.1682	40	0	0
12	7	071	035	350.55	1021.29	9976.29	10173.40	1	0.1696	40	0	0
13	7	071	036	341.00	1021.20	9975.09	10183.29	1	0.1739	40	0	0
14	7	071	037	331.42	1021.09	9974.00	10193.29	1	0.1605	40	0	0
15	7	071	038	321.90	1021.09	9973.00	10203.29	1	0.1626	40	0	0
16	7	071	039	312.33	1021.09	9971.79	10213.29	1	0.1582	40	0	0
17	7	071	040	302.72	1021.00	9970.00	10223.09	1	0.1562	40	0	0
18	7	071	041	293.02	1020.90	9968.20	10233.00	1	0.1502	40	0	0
19	7	071	042	283.54	1020.79	9966.79	10242.90	1	0.1519	40	0	0
20	7	071	043	274.02	1020.70	9965.40	10252.90	1	0.1492	40	0	0
21	7	071	044	264.73	1020.70	9964.20	10262.79	1	0.1492	40	0	0
22	7	071	045	255.24	1020.50	9962.70	10272.79	1	0.1435	40	0	0
23	7	071	046	245.92	1020.50	9961.09	10282.59	1	0.1445	40	0	0
24	7	071	047	236.81	1020.50	9959.79	10292.40	1	0.1419	40	0	0
25	7	071	048	227.66	1020.29	9958.29	10302.20	1	0.1415	40	0	0
26	7	071	049	218.52	1020.20	9956.70	10312.00	1	0.1399	40	0	0
27	7	071	050	209.21	1020.09	9955.09	10322.09	1	0.1328	40	0	0
28	7	071	051	199.69	1020.00	9952.70	10332.00	1	0.1305	40	0	0
29	7	071	052	189.99	1020.00	9948.90	10341.20	1	0.1285	40	0	0
30	7	071	053	180.10	1020.00	9944.20	10350.00	1	0.1262	40	0	0
31	7	071	054	170.07	1020.00	9938.00	10357.90	1	0.1238	40	0	0
32	7	071	055	160.07	1020.00	9932.00	10365.90	1	0.1222	40	0	0
33	7	071	056	150.10	1020.00	9925.90	10373.79	1	0.1202	40	0	0
34	7	071	057	140.13	1020.09	9920.50	10382.20	1	0.1185	40	0	0
35	7	071	058	130.12	1020.20	9914.90	10390.50	1	0.1142	40	0	0
36	7	071	059	120.03	1020.20	9909.29	10398.90	1	0.1118	40	0	0
37	7	071	060	109.96	1020.20	9903.29	10407.00	1	0.1045	40	0	0
38	7	071	061	100.16	1020.09	9897.50	10414.90	1	0.1031	40	0	0
39	7	071	062	90.25	1020.09	9891.90	10423.09	1	0.1038	40	0	0
40	7	071	063	80.27	1020.20	9886.20	10431.29	1	0.0891	40	0	0
41	7	071	064	70.31	1020.20	9880.40	10439.40	1	0.0891	40	0	0
42	7	071	065	60.29	1020.09	9874.50	10447.50	1	0.0781	40	0	0
43	7	071	066	50.23	1020.20	9868.50	10455.59	1	0.0721	40	0	0
44	7	071	067	40.27	1020.29	9862.79	10463.79	1	0.0527	40	0	0
45	7	071	068	30.20	1020.29	9856.90	10472.00	1	0.0401	40	0	0
46	7	071	069	20.34	1020.29	9851.29	10480.20	1	0.0260	40	0	0
47	7	071	070	10.52	1020.29	9845.29	10488.20	1	0.0167	40	0	0
48	7	071	071	2.84	1020.20	9839.59	10496.50	1	0.0140	40	0	0

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hg09.txt

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PARTIAL SEG Y HEADER DUMP

hg09.seg

```

Length = 1000 samples      Shot Elevation = 1018.8
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 9780.59
High Cut Filter = 1000 Hz. Shot Y-COORD = 10577.00
Line ID: HGM1             Shot Date (year.moday) = 1994.0514
Shot Orientation:         Shot Time (hr:min) = 14:16
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	8	081	024	554.22	1021.29	9990.29	10064.00	1	0.0000	40	0	0
2	8	081	025	544.48	1021.09	9989.00	10074.00	1	0.0000	40	0	0
3	8	081	026	534.92	1021.09	9987.90	10083.90	1	0.0000	40	0	0
4	8	081	027	525.16	1021.09	9986.50	10093.90	1	0.0000	40	0	0
5	8	081	028	515.33	1021.20	9985.09	10104.00	1	0.0000	40	0	0
6	8	081	029	505.86	1021.29	9983.40	10113.59	1	0.0000	40	0	0
7	8	081	030	496.12	1021.29	9982.20	10123.70	1	0.0000	40	0	0
8	8	081	031	486.73	1021.29	9981.09	10133.50	1	0.0000	40	0	0
9	8	081	032	477.13	1021.29	9980.09	10143.59	1	0.0000	40	0	0
10	8	081	033	467.64	1021.29	9978.90	10153.50	1	0.0000	40	0	0
11	8	081	034	458.09	1021.29	9977.70	10163.50	1	0.0000	40	0	0
12	8	081	035	448.56	1021.29	9976.29	10173.40	1	0.0000	40	0	0
13	8	081	036	439.15	1021.20	9975.09	10183.29	1	0.0000	40	0	0
14	8	081	037	429.71	1021.09	9974.00	10193.29	1	0.0000	40	0	0
15	8	081	038	420.35	1021.09	9973.00	10203.29	1	0.0000	40	0	0
16	8	081	039	410.92	1021.09	9971.79	10213.29	1	0.0000	40	0	0
17	8	081	040	401.42	1021.00	9970.00	10223.09	1	0.0000	40	0	0
18	8	081	041	391.85	1020.90	9968.20	10233.00	1	0.0000	40	0	0
19	8	081	042	382.49	1020.79	9966.79	10242.90	1	0.0000	40	0	0
20	8	081	043	373.10	1020.70	9965.40	10252.90	1	0.1776	40	0	0
21	8	081	044	363.94	1020.70	9964.20	10262.79	1	0.1656	40	0	0
22	8	081	045	354.56	1020.50	9962.70	10272.79	1	0.1732	40	0	0
23	8	081	046	345.35	1020.50	9961.09	10282.59	1	0.1696	40	0	0
24	8	081	047	336.33	1020.50	9959.79	10292.40	1	0.1632	40	0	0
25	8	081	048	327.26	1020.29	9958.29	10302.20	1	0.1692	40	0	0
26	8	081	049	318.19	1020.20	9956.70	10312.00	1	0.1595	40	0	0
27	8	081	050	308.93	1020.09	9955.09	10322.09	1	0.1609	40	0	0
28	8	081	051	299.42	1020.00	9952.70	10332.00	1	0.1532	40	0	0
29	8	081	052	289.72	1020.00	9948.90	10341.20	1	0.1522	40	0	0
30	8	081	053	279.83	1020.00	9944.20	10350.00	1	0.1492	40	0	0
31	8	081	054	269.79	1020.00	9938.00	10357.90	1	0.1502	40	0	0
32	8	081	055	259.79	1020.00	9932.00	10365.90	1	0.1372	40	0	0
33	8	081	056	249.83	1020.00	9925.90	10373.79	1	0.1298	40	0	0
34	8	081	057	239.85	1020.09	9920.50	10382.20	1	0.1382	40	0	0
35	8	081	058	229.84	1020.20	9914.90	10390.50	1	0.1375	40	0	0
36	8	081	059	219.75	1020.20	9909.29	10398.90	1	0.1348	40	0	0
37	8	081	060	209.67	1020.20	9903.29	10407.00	1	0.1308	40	0	0
38	8	081	061	199.87	1020.09	9897.50	10414.90	1	0.1255	40	0	0
39	8	081	062	189.96	1020.09	9891.90	10423.09	1	0.1225	40	0	0
40	8	081	063	179.97	1020.20	9886.20	10431.29	1	0.1215	40	0	0
41	8	081	064	170.00	1020.20	9880.40	10439.40	1	0.1212	40	0	0
42	8	081	065	159.98	1020.09	9874.50	10447.50	1	0.1155	40	0	0
43	8	081	066	149.91	1020.20	9868.50	10455.59	1	0.1135	40	0	0
44	8	081	067	139.93	1020.29	9862.79	10463.79	1	0.1128	40	0	0
45	8	081	068	129.83	1020.29	9856.90	10472.00	1	0.1091	40	0	0
46	8	081	069	119.90	1020.29	9851.29	10480.20	1	0.1071	40	0	0
47	8	081	070	109.90	1020.29	9845.29	10488.20	1	0.1061	40	0	0
48	8	081	071	99.84	1020.20	9839.59	10496.50	1	0.1075	40	0	0

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hg10.txt

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 PARTIAL SEG Y HEADER DUMP

hg10.seg

```

Length = 1000 samples      Shot Elevation = 1018.9
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 9832.29
High Cut Filter = 1000 Hz. Shot Y-COORD = 10503.29
Line ID: HGM1             Shot Date (year.moday) = 1994.0515
Shot Orientation:         Shot Time (hr:min) = 09:29
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0
  
```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	9	072	072	3.09	1020.20	9833.90	10504.59	1	0.0100	40	0	0
2	9	072	073	10.75	1020.09	9828.00	10512.90	1	0.0164	40	0	0
3	9	072	074	20.40	1020.09	9822.40	10521.00	1	0.0257	40	0	0
4	9	072	075	30.32	1020.00	9817.20	10529.50	1	0.0350	40	0	0
5	9	072	076	40.26	1020.00	9811.00	10537.40	1	0.0471	40	0	0
6	9	072	077	50.26	1020.09	9805.09	10545.50	1	0.0688	40	0	0
7	9	072	078	60.17	1020.00	9799.20	10553.50	1	0.0794	40	0	0
8	9	072	079	70.03	1019.90	9793.40	10561.50	1	0.0828	40	0	0
9	9	072	080	80.00	1019.90	9787.29	10569.40	1	0.1035	40	0	0
10	9	072	081	90.14	1019.90	9781.59	10577.79	1	0.1025	40	0	0
11	9	072	082	100.05	1019.90	9775.59	10585.70	1	0.1035	40	0	0
12	9	072	083	110.17	1019.90	9769.50	10593.79	1	0.1065	40	0	0
13	9	072	084	119.93	1019.79	9763.90	10601.79	1	0.1088	40	0	0
14	9	072	085	129.92	1019.79	9758.50	10610.20	1	0.1095	40	0	0
15	9	072	086	139.91	1019.79	9752.50	10618.20	1	0.1138	40	0	0
16	9	072	087	149.85	1019.70	9746.59	10626.20	1	0.1142	40	0	0
17	9	072	088	159.80	1019.70	9741.09	10634.50	1	0.1158	40	0	0
18	9	072	089	169.75	1019.59	9735.29	10642.59	1	0.1178	40	0	0
19	9	072	090	179.62	1019.50	9729.79	10650.79	1	0.1188	40	0	0
20	9	072	091	189.72	1019.50	9724.20	10659.20	1	0.1228	40	0	0
21	9	072	092	199.66	1019.50	9718.29	10667.20	1	0.1258	40	0	0
22	9	072	093	209.73	1019.59	9712.59	10675.50	1	0.0000	40	0	0
23	9	072	094	219.79	1019.59	9706.90	10683.79	1	0.1302	40	0	0
24	9	072	095	229.73	1019.50	9701.29	10692.00	1	0.1332	40	0	0
25	9	072	096	239.68	1019.50	9695.50	10700.09	1	0.1355	40	0	0
26	9	072	097	249.70	1019.50	9689.90	10708.40	1	0.1372	40	0	0
27	9	072	098	259.71	1019.50	9683.70	10716.29	1	0.1385	40	0	0
28	9	072	099	269.71	1019.59	9677.70	10724.29	1	0.1409	40	0	0
29	9	072	100	279.53	1019.59	9672.00	10732.29	1	0.1469	40	0	0
30	9	072	101	289.47	1019.59	9666.40	10740.50	1	0.1499	40	0	0
31	9	072	102	299.43	1019.59	9660.59	10748.59	1	0.1512	40	0	0
32	9	072	103	309.40	1019.70	9654.79	10756.70	1	0.1539	40	0	0
33	9	072	104	319.27	1019.79	9649.29	10764.90	1	0.1592	40	0	0
34	9	072	105	329.25	1019.79	9643.59	10773.09	1	0.1609	40	0	0
35	9	072	106	339.24	1019.90	9638.59	10781.79	1	0.1662	40	0	0
36	9	072	107	349.17	1019.90	9632.70	10789.79	1	0.1662	40	0	0
37	9	072	108	359.17	1019.79	9626.70	10797.79	1	0.1676	40	0	0
38	9	072	109	369.08	1019.79	9621.00	10805.90	1	0.1679	40	0	0
39	9	072	110	379.06	1020.00	9615.59	10814.29	1	0.1739	40	0	0
40	9	072	111	389.03	1020.09	9609.79	10822.40	1	0.1726	40	0	0
41	9	072	112	399.17	1020.09	9604.09	10830.79	1	0.1746	40	0	0
42	9	072	113	409.02	1020.09	9598.50	10838.90	1	0.1789	40	0	0
43	9	072	114	419.21	1020.00	9592.29	10847.00	1	0.1836	40	0	0
44	9	072	115	429.25	1020.09	9586.50	10855.20	1	0.0000	40	0	0
45	9	072	116	439.21	1019.90	9581.00	10863.50	1	0.1856	40	0	0
46	9	072	117	449.25	1019.90	9575.20	10871.70	1	0.1936	40	0	0
47	9	072	118	459.27	1019.90	9570.00	10880.29	1	0.0000	40	0	0
48	9	072	119	469.12	1019.79	9566.00	10889.50	1	0.1946	40	0	0

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hg12.txt

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PARTIAL SEG Y HEADER DUMP

hg12.seg

```

Length = 1000 samples      Shot Elevation = 1018.8
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 9896.29
High Cut Filter = 1000 Hz. Shot Y-COORD = 10413.90
Line ID: HG11            Shot Date (year.moday) = 1994.0515
Shot Orientation:        Shot Time (hr:min) = 09:38
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	10	062	072	110.10	1020.20	9833.90	10504.59	1	0.0968	40	0	0
2	10	062	073	120.29	1020.09	9828.00	10512.90	1	0.1018	40	0	0
3	10	062	074	130.14	1020.09	9822.40	10521.00	1	0.1041	40	0	0
4	10	062	075	140.08	1020.00	9817.20	10529.50	1	0.1088	40	0	0
5	10	062	076	150.11	1020.00	9811.00	10537.40	1	0.1125	40	0	0
6	10	062	077	160.13	1020.09	9805.09	10545.50	1	0.1128	40	0	0
7	10	062	078	170.06	1020.00	9799.20	10553.50	1	0.1168	40	0	0
8	10	062	079	179.93	1019.90	9793.40	10561.50	1	0.1178	40	0	0
9	10	062	080	189.91	1019.90	9787.29	10569.40	1	0.1195	40	0	0
10	10	062	081	200.05	1019.90	9781.59	10577.79	1	0.1245	40	0	0
11	10	062	082	209.97	1019.90	9775.59	10585.70	1	0.1242	40	0	0
12	10	062	083	220.09	1019.90	9769.50	10593.79	1	0.1282	40	0	0
13	10	062	084	229.86	1019.79	9763.90	10601.79	1	0.1312	40	0	0
14	10	062	085	239.84	1019.79	9758.50	10610.20	1	0.1322	40	0	0
15	10	062	086	249.84	1019.79	9752.50	10618.20	1	0.1368	40	0	0
16	10	062	087	259.78	1019.70	9746.59	10626.20	1	0.1352	40	0	0
17	10	062	088	269.73	1019.70	9741.09	10634.50	1	0.1375	40	0	0
18	10	062	089	279.68	1019.59	9735.29	10642.59	1	0.1412	40	0	0
19	10	062	090	289.55	1019.50	9729.79	10650.79	1	0.1409	40	0	0
20	10	062	091	299.65	1019.50	9724.20	10659.20	1	0.1452	40	0	0
21	10	062	092	309.59	1019.50	9718.29	10667.20	1	0.1512	40	0	0
22	10	062	093	319.66	1019.59	9712.59	10675.50	1	0.0000	40	0	0
23	10	062	094	329.72	1019.59	9706.90	10683.79	1	0.0000	40	0	0
24	10	062	095	339.66	1019.50	9701.29	10692.00	1	0.1562	40	0	0
25	10	062	096	349.61	1019.50	9695.50	10700.09	1	0.1602	40	0	0
26	10	062	097	359.62	1019.50	9689.90	10708.40	1	0.1609	40	0	0
27	10	062	098	369.64	1019.50	9683.70	10716.29	1	0.1636	40	0	0
28	10	062	099	379.64	1019.59	9677.70	10724.29	1	0.1642	40	0	0
29	10	062	100	389.46	1019.59	9672.00	10732.29	1	0.1672	40	0	0
30	10	062	101	399.40	1019.59	9666.40	10740.50	1	0.1732	40	0	0
31	10	062	102	409.36	1019.59	9660.59	10748.59	1	0.1816	40	0	0
32	10	062	103	419.33	1019.70	9654.79	10756.70	1	0.1792	40	0	0
33	10	062	104	429.20	1019.79	9649.29	10764.90	1	0.1856	40	0	0
34	10	062	105	439.18	1019.79	9643.59	10773.09	1	0.1809	40	0	0
35	10	062	106	449.17	1019.90	9638.59	10781.79	1	0.1883	40	0	0
36	10	062	107	459.10	1019.90	9632.70	10789.79	1	0.1933	40	0	0
37	10	062	108	469.10	1019.79	9626.70	10797.79	1	0.0000	40	0	0
38	10	062	109	479.01	1019.79	9621.00	10805.90	1	0.1919	40	0	0
39	10	062	110	488.99	1020.00	9615.59	10814.29	1	0.1953	40	0	0
40	10	062	111	498.96	1020.09	9609.79	10822.40	1	0.1939	40	0	0
41	10	062	112	509.10	1020.09	9604.09	10830.79	1	0.1989	40	0	0
42	10	062	113	518.95	1020.09	9598.50	10838.90	1	0.1966	40	0	0
43	10	062	114	529.15	1020.00	9592.29	10847.00	1	0.1973	40	0	0
44	10	062	115	539.19	1020.09	9586.50	10855.20	1	0.2016	40	0	0
45	10	062	116	549.14	1019.90	9581.00	10863.50	1	0.2136	40	0	0
46	10	062	117	559.18	1019.90	9575.20	10871.70	1	0.2143	40	0	0
47	10	062	118	569.20	1019.90	9570.00	10880.29	1	0.2063	40	0	0
48	10	062	119	579.04	1019.79	9566.00	10889.50	1	0.2210	40	0	0

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hg13.txt

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 PARTIAL SEG Y HEADER DUMP

hg13.seg

```

Length = 1000 samples      Shot Elevation = 1018.8
Sample Interval = 0.00050 sec.  Shot Depth = 1.0
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 9693.90
High Cut Filter = 1000 Hz.    Shot Y-COORD = 10698.90
Line ID: HGM1               Shot Date (year.moday) = 1994.0515
Shot Orientation:           Shot Time (hr:min) = 10:01
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0
  
```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	11	096	072	239.50	1020.20	9833.90	10504.59	1	0.1355	40	0	0
2	11	096	073	229.31	1020.09	9828.00	10512.90	1	0.1375	40	0	0
3	11	096	074	219.47	1020.09	9822.40	10521.00	1	0.1325	40	0	0
4	11	096	075	209.53	1020.00	9817.20	10529.50	1	0.1332	40	0	0
5	11	096	076	199.50	1020.00	9811.00	10537.40	1	0.1312	40	0	0
6	11	096	077	189.47	1020.09	9805.09	10545.50	1	0.1258	40	0	0
7	11	096	078	179.54	1020.00	9799.20	10553.50	1	0.1232	40	0	0
8	11	096	079	169.66	1019.90	9793.40	10561.50	1	0.1215	40	0	0
9	11	096	080	159.68	1019.90	9787.29	10569.40	1	0.1182	40	0	0
10	11	096	081	149.54	1019.90	9781.59	10577.79	1	0.1182	40	0	0
11	11	096	082	139.61	1019.90	9775.59	10585.70	1	0.1128	40	0	0
12	11	096	083	129.49	1019.90	9769.50	10593.79	1	0.1125	40	0	0
13	11	096	084	119.73	1019.79	9763.90	10601.79	1	0.1091	40	0	0
14	11	096	085	109.75	1019.79	9758.50	10610.20	1	0.1045	40	0	0
15	11	096	086	99.75	1019.79	9752.50	10618.20	1	0.1051	40	0	0
16	11	096	087	89.81	1019.70	9746.59	10626.20	1	0.0991	40	0	0
17	11	096	088	79.86	1019.70	9741.09	10634.50	1	0.0998	40	0	0
18	11	096	089	69.91	1019.59	9735.29	10642.59	1	0.0931	40	0	0
19	11	096	090	60.05	1019.50	9729.79	10650.79	1	0.0831	40	0	0
20	11	096	091	49.97	1019.50	9724.20	10659.20	1	0.0741	40	0	0
21	11	096	092	40.03	1019.50	9718.29	10667.20	1	0.0394	40	0	0
22	11	096	093	30.00	1019.59	9712.59	10675.50	1	0.0000	40	0	0
23	11	096	094	20.01	1019.59	9706.90	10683.79	1	0.0234	40	0	0
24	11	096	095	10.25	1019.50	9701.29	10692.00	1	0.0147	40	0	0
25	11	096	096	2.63	1019.50	9695.50	10700.09	1	0.0080	40	0	0
26	11	096	097	10.45	1019.50	9689.90	10708.40	1	0.0150	40	0	0
27	11	096	098	20.23	1019.50	9683.70	10716.29	1	0.0297	40	0	0
28	11	096	099	30.17	1019.59	9677.70	10724.29	1	0.0427	40	0	0
29	11	096	100	39.97	1019.59	9672.00	10732.29	1	0.0571	40	0	0
30	11	096	101	49.90	1019.59	9666.40	10740.50	1	0.0708	40	0	0
31	11	096	102	59.85	1019.59	9660.59	10748.59	1	0.0824	40	0	0
32	11	096	103	69.81	1019.70	9654.79	10756.70	1	0.0975	40	0	0
33	11	096	104	79.69	1019.79	9649.29	10764.90	1	0.0978	40	0	0
34	11	096	105	89.66	1019.79	9643.59	10773.09	1	0.1001	40	0	0
35	11	096	106	99.67	1019.90	9638.59	10781.79	1	0.1051	40	0	0
36	11	096	107	109.59	1019.90	9632.70	10789.79	1	0.1071	40	0	0
37	11	096	108	119.58	1019.79	9626.70	10797.79	1	0.1055	40	0	0
38	11	096	109	129.49	1019.79	9621.00	10805.90	1	0.1081	40	0	0
39	11	096	110	139.47	1020.00	9615.59	10814.29	1	0.0000	40	0	0
40	11	096	111	149.44	1020.09	9609.79	10822.40	1	0.1101	40	0	0
41	11	096	112	159.58	1020.09	9604.09	10830.79	1	0.1132	40	0	0
42	11	096	113	169.43	1020.09	9598.50	10838.90	1	0.1192	40	0	0
43	11	096	114	179.62	1020.00	9592.29	10847.00	1	0.1222	40	0	0
44	11	096	115	189.66	1020.09	9586.50	10855.20	1	0.0000	40	0	0
45	11	096	116	199.61	1019.90	9581.00	10863.50	1	0.0000	40	0	0
46	11	096	117	209.65	1019.90	9575.20	10871.70	1	0.1292	40	0	0
47	11	096	118	219.68	1019.90	9570.00	10880.29	1	0.1342	40	0	0
48	11	096	119	229.54	1019.79	9566.00	10889.50	1	0.1355	40	0	0

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hg15.txt

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PARTIAL SEG Y HEADER DUMP

hg15.seg

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Length = 1000 samples      Shot Elevation = 1018.8
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 9564.29
High Cut Filter = 1000 Hz. Shot Y-COORD = 10888.59
Line ID: HGM1             Shot Date (year.moday) = 1994.0515
Shot Orientation:         Shot Time (hr:min) = 10:16
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	12	119	072	469.20	1020.20	9833.90	10504.59	1	0.2016	40	0	0
2	12	119	073	459.01	1020.09	9828.00	10512.90	1	0.0000	40	0	0
3	12	119	074	449.16	1020.09	9822.40	10521.00	1	0.0000	40	0	0
4	12	119	075	439.22	1020.00	9817.20	10529.50	1	0.1959	40	0	0
5	12	119	076	429.19	1020.00	9811.00	10537.40	1	0.1909	40	0	0
6	12	119	077	419.17	1020.09	9805.09	10545.50	1	0.1862	40	0	0
7	12	119	078	409.23	1020.00	9799.20	10553.50	1	0.1826	40	0	0
8	12	119	079	399.35	1019.90	9793.40	10561.50	1	0.1816	40	0	0
9	12	119	080	389.38	1019.90	9787.29	10569.40	1	0.0000	40	0	0
10	12	119	081	379.24	1019.90	9781.59	10577.79	1	0.1766	40	0	0
11	12	119	082	369.32	1019.90	9775.59	10585.70	1	0.1719	40	0	0
12	12	119	083	359.20	1019.90	9769.50	10593.79	1	0.1679	40	0	0
13	12	119	084	349.43	1019.79	9763.90	10601.79	1	0.1679	40	0	0
14	12	119	085	339.44	1019.79	9758.50	10610.20	1	0.1632	40	0	0
15	12	119	086	329.45	1019.79	9752.50	10618.20	1	0.1642	40	0	0
16	12	119	087	319.51	1019.70	9746.59	10626.20	1	0.1589	40	0	0
17	12	119	088	309.55	1019.70	9741.09	10634.50	1	0.1535	40	0	0
18	12	119	089	299.60	1019.59	9735.29	10642.59	1	0.1542	40	0	0
19	12	119	090	289.73	1019.50	9729.79	10650.79	1	0.1499	40	0	0
20	12	119	091	279.63	1019.50	9724.20	10659.20	1	0.1482	40	0	0
21	12	119	092	269.69	1019.50	9718.29	10667.20	1	0.1459	40	0	0
22	12	119	093	259.62	1019.59	9712.59	10675.50	1	0.0000	40	0	0
23	12	119	094	249.57	1019.59	9706.90	10683.79	1	0.0000	40	0	0
24	12	119	095	239.62	1019.50	9701.29	10692.00	1	0.1342	40	0	0
25	12	119	096	229.68	1019.50	9695.50	10700.09	1	0.1355	40	0	0
26	12	119	097	219.66	1019.50	9689.90	10708.40	1	0.1298	40	0	0
27	12	119	098	209.64	1019.50	9683.70	10716.29	1	0.1278	40	0	0
28	12	119	099	199.65	1019.59	9677.70	10724.29	1	0.1248	40	0	0
29	12	119	100	189.83	1019.59	9672.00	10732.29	1	0.1235	40	0	0
30	12	119	101	179.89	1019.59	9666.40	10740.50	1	0.1215	40	0	0
31	12	119	102	169.93	1019.59	9660.59	10748.59	1	0.1178	40	0	0
32	12	119	103	159.96	1019.70	9654.79	10756.70	1	0.1182	40	0	0
33	12	119	104	150.09	1019.79	9649.29	10764.90	1	0.1205	40	0	0
34	12	119	105	140.12	1019.79	9643.59	10773.09	1	0.1135	40	0	0
35	12	119	106	130.12	1019.90	9638.59	10781.79	1	0.1115	40	0	0
36	12	119	107	120.19	1019.90	9632.70	10789.79	1	0.1058	40	0	0
37	12	119	108	110.20	1019.79	9626.70	10797.79	1	0.1028	40	0	0
38	12	119	109	100.29	1019.79	9621.00	10805.90	1	0.0975	40	0	0
39	12	119	110	90.32	1020.00	9615.59	10814.29	1	0.0988	40	0	0
40	12	119	111	80.35	1020.09	9609.79	10822.40	1	0.0965	40	0	0
41	12	119	112	70.21	1020.09	9604.09	10830.79	1	0.0888	40	0	0
42	12	119	113	60.37	1020.09	9598.50	10838.90	1	0.0731	40	0	0
43	12	119	114	50.19	1020.00	9592.29	10847.00	1	0.0561	40	0	0
44	12	119	115	40.17	1020.09	9586.50	10855.20	1	0.0000	40	0	0
45	12	119	116	30.22	1019.90	9581.00	10863.50	1	0.0274	40	0	0
46	12	119	117	20.22	1019.90	9575.20	10871.70	1	0.0214	40	0	0
47	12	119	118	10.29	1019.90	9570.00	10880.29	1	0.0144	40	0	0
48	12	119	119	2.78	1019.79	9566.00	10889.50	1	0.0110	40	0	0

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hg16.txt

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 PARTIAL SEG Y HEADER DUMP

hg16.seg

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Length = 1000 samples      Shot Elevation = 1018.8
Sample Interval = 0.00050 sec.  Shot Depth = 1.0
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 9536.50
High Cut Filter = 1000 Hz.    Shot Y-COORD = 10984.70
Line ID: HGM1                Shot Date (year.moday) = 1994.0515
Shot Orientation:            Shot Time (hr:min) = 10:28
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0
  
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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	13	129	072	564.76	1020.20	9833.90	10504.59	1	0.0000	40	0	0
2	13	129	073	554.59	1020.09	9828.00	10512.90	1	0.0000	40	0	0
3	13	129	074	544.76	1020.09	9822.40	10521.00	1	0.0000	40	0	0
4	13	129	075	534.79	1020.00	9817.20	10529.50	1	0.0000	40	0	0
5	13	129	076	524.82	1020.00	9811.00	10537.40	1	0.0000	40	0	0
6	13	129	077	514.82	1020.09	9805.09	10545.50	1	0.0000	40	0	0
7	13	129	078	504.93	1020.00	9799.20	10553.50	1	0.2096	40	0	0
8	13	129	079	495.08	1019.90	9793.40	10561.50	1	0.2063	40	0	0
9	13	129	080	485.15	1019.90	9787.29	10569.40	1	0.2056	40	0	0
10	13	129	081	475.03	1019.90	9781.59	10577.79	1	0.2046	40	0	0
11	13	129	082	465.16	1019.90	9775.59	10585.70	1	0.1916	40	0	0
12	13	129	083	455.09	1019.90	9769.50	10593.79	1	0.0000	40	0	0
13	13	129	084	445.35	1019.79	9763.90	10601.79	1	0.0000	40	0	0
14	13	129	085	435.36	1019.79	9758.50	10610.20	1	0.1883	40	0	0
15	13	129	086	425.42	1019.79	9752.50	10618.20	1	0.1883	40	0	0
16	13	129	087	415.53	1019.70	9746.59	10626.20	1	0.1836	40	0	0
17	13	129	088	405.59	1019.70	9741.09	10634.50	1	0.1782	40	0	0
18	13	129	089	395.68	1019.59	9735.29	10642.59	1	0.1746	40	0	0
19	13	129	090	385.82	1019.50	9729.79	10650.79	1	0.1719	40	0	0
20	13	129	091	375.75	1019.50	9724.20	10659.20	1	0.1686	40	0	0
21	13	129	092	365.86	1019.50	9718.29	10667.20	1	0.0000	40	0	0
22	13	129	093	355.83	1019.59	9712.59	10675.50	1	0.0000	40	0	0
23	13	129	094	345.81	1019.59	9706.90	10683.79	1	0.1689	40	0	0
24	13	129	095	335.90	1019.50	9701.29	10692.00	1	0.1592	40	0	0
25	13	129	096	326.02	1019.50	9695.50	10700.09	1	0.1602	40	0	0
26	13	129	097	316.03	1019.50	9689.90	10708.40	1	0.1529	40	0	0
27	13	129	098	306.13	1019.50	9683.70	10716.29	1	0.1512	40	0	0
28	13	129	099	296.23	1019.59	9677.70	10724.29	1	0.1499	40	0	0
29	13	129	100	286.49	1019.59	9672.00	10732.29	1	0.1462	40	0	0
30	13	129	101	276.61	1019.59	9666.40	10740.50	1	0.1462	40	0	0
31	13	129	102	266.74	1019.59	9660.59	10748.59	1	0.1442	40	0	0
32	13	129	103	256.87	1019.70	9654.79	10756.70	1	0.1439	40	0	0
33	13	129	104	247.06	1019.79	9649.29	10764.90	1	0.1412	40	0	0
34	13	129	105	237.17	1019.79	9643.59	10773.09	1	0.1368	40	0	0
35	13	129	106	227.15	1019.90	9638.59	10781.79	1	0.1358	40	0	0
36	13	129	107	217.37	1019.90	9632.70	10789.79	1	0.1292	40	0	0
37	13	129	108	207.55	1019.79	9626.70	10797.79	1	0.1275	40	0	0
38	13	129	109	197.77	1019.79	9621.00	10805.90	1	0.1235	40	0	0
39	13	129	110	187.88	1020.00	9615.59	10814.29	1	0.1238	40	0	0
40	13	129	111	178.10	1020.09	9609.79	10822.40	1	0.1195	40	0	0
41	13	129	112	168.11	1020.09	9604.09	10830.79	1	0.1188	40	0	0
42	13	129	113	158.45	1020.09	9598.50	10838.90	1	0.1158	40	0	0
43	13	129	114	148.59	1020.00	9592.29	10847.00	1	0.1135	40	0	0
44	13	129	115	138.84	1020.09	9586.50	10855.20	1	0.0000	40	0	0
45	13	129	116	129.13	1019.90	9581.00	10863.50	1	0.1048	40	0	0
46	13	129	117	119.46	1019.90	9575.20	10871.70	1	0.1055	40	0	0
47	13	129	118	109.67	1019.90	9570.00	10880.29	1	0.1021	40	0	0
48	13	129	119	99.69	1019.79	9566.00	10889.50	1	0.0988	40	0	0

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hg17.txt

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PARTIAL SEG Y HEADER DUMP

hg17.seg

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Length = 1000 samples          Shot Elevation = 1018.8
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.           Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.        Shot X-COORD = 9561.40
High Cut Filter = 1000 Hz.     Shot Y-COORD = 10898.29
Line ID: HGM1                 Shot Date (year.moday) = 1994.0515
Shot Orientation:              Shot Time (hr:min) = 12:01
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	14	120	120	2.63	1019.79	9563.00	10898.90	1	0.0043	20	0	0
2	14	120	121	10.45	1019.79	9560.40	10908.50	1	0.0093	20	0	0
3	14	120	122	20.26	1019.79	9558.20	10918.20	1	0.0237	20	0	0
4	14	120	123	30.19	1019.79	9555.29	10927.79	1	0.0367	20	0	0
5	14	120	124	40.21	1019.79	9552.29	10937.40	1	0.0504	20	0	0
6	14	120	125	50.01	1019.79	9549.00	10946.70	1	0.0784	20	0	0
7	14	120	126	59.92	1019.79	9546.50	10956.29	1	0.0874	20	0	0
8	14	120	127	69.99	1019.90	9543.79	10966.00	1	0.0928	20	0	0
9	14	120	128	79.91	1019.90	9540.90	10975.50	1	0.0955	20	0	0
10	14	120	129	89.96	1020.00	9538.29	10985.20	1	0.1031	20	0	0
11	14	120	130	100.05	1020.00	9535.50	10994.90	1	0.1008	20	0	0
12	14	120	131	110.00	1020.00	9532.50	11004.40	1	0.1025	20	0	0
13	14	120	132	120.05	1020.00	9529.50	11014.00	1	0.1038	20	0	0
14	14	120	133	130.12	1019.90	9527.09	11023.79	1	0.1068	20	0	0
15	14	120	134	140.17	1019.79	9524.50	11033.50	1	0.1061	20	0	0
16	14	120	135	150.28	1019.79	9520.90	11043.00	1	0.1081	20	0	0
17	14	120	136	160.21	1019.79	9518.00	11052.50	1	0.1095	20	0	0
18	14	120	137	170.28	1019.79	9515.29	11062.20	1	0.1128	20	0	0
19	14	120	138	180.30	1019.70	9512.40	11071.79	1	0.1202	20	0	0
20	14	120	139	190.23	1019.50	9509.50	11081.29	1	0.1165	20	0	0
21	14	120	140	200.16	1019.50	9506.59	11090.79	1	0.1178	20	0	0
22	14	120	141	210.06	1019.50	9503.79	11100.29	1	0.1222	20	0	0
23	14	120	142	220.07	1019.50	9501.00	11109.90	1	0.1242	20	0	0
24	14	120	143	230.12	1019.50	9498.00	11119.50	1	0.1285	20	0	0
25	14	120	144	240.03	1019.40	9495.20	11129.00	1	0.1315	20	0	0
26	14	120	145	250.04	1019.29	9492.29	11138.59	1	0.1305	20	0	0
27	14	120	146	260.00	1019.40	9489.70	11148.20	1	0.1355	20	0	0
28	14	120	147	270.12	1019.40	9486.79	11157.90	1	0.1389	20	0	0
29	14	120	148	280.09	1019.29	9484.09	11167.50	1	0.1399	20	0	0
30	14	120	149	290.08	1019.29	9481.00	11177.00	1	0.1342	20	0	0
31	14	120	150	299.99	1019.29	9478.50	11186.59	1	0.0000	20	0	0
32	14	120	151	310.00	1019.20	9475.70	11196.20	1	0.1522	20	0	0
33	14	120	152	320.02	1019.29	9472.79	11205.79	1	0.1582	20	0	0
34	14	120	153	330.05	1019.40	9469.90	11215.40	1	0.1559	20	0	0
35	14	120	154	339.96	1019.40	9466.40	11224.70	1	0.1615	20	0	0
36	14	120	155	349.70	1019.29	9461.79	11233.50	1	0.0000	20	0	0
37	14	120	156	359.44	1019.20	9457.20	11242.29	1	0.1639	20	0	0
38	14	120	157	369.17	1019.20	9452.09	11250.90	1	0.1662	20	0	0
39	14	120	158	378.90	1019.20	9447.00	11259.50	1	0.1666	20	0	0
40	14	120	159	388.36	1019.09	9441.59	11267.70	1	0.1669	20	0	0
41	14	120	160	398.30	1019.09	9436.50	11276.50	1	0.1709	20	0	0
42	14	120	161	407.94	1019.00	9430.90	11284.79	1	0.1649	20	0	0
43	14	120	162	417.85	1019.00	9426.00	11293.59	1	0.1739	20	0	0
44	14	120	163	427.50	1018.90	9420.79	11302.00	1	0.1759	20	0	0
45	14	120	164	437.04	1018.90	9415.59	11310.29	1	0.1789	20	0	0
46	14	120	165	446.93	1019.00	9410.59	11319.00	1	0.1789	20	0	0
47	14	120	166	456.66	1019.00	9405.20	11327.40	1	0.1822	20	0	0
48	14	120	167	466.55	1018.90	9399.90	11336.00	1	0.1859	20	0	0

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hg18.txt

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PARTIAL SEG Y HEADER DUMP

hg18.seg

```

Length = 1000 samples      Shot Elevation = 1018.8
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 9614.09
High Cut Filter = 1000 Hz. Shot Y-COORD = 10813.40
Line ID: HGM1             Shot Date (year.moday) = 1994.0515
Shot Orientation:         Shot Time (hr:min) = 12:20
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	15	110	120	99.62	1019.79	9563.00	10898.90	1	0.0995	20	0	0
2	15	110	121	109.23	1019.79	9560.40	10908.50	1	0.0985	20	0	0
3	15	110	122	118.79	1019.79	9558.20	10918.20	1	0.1028	20	0	0
4	15	110	123	128.63	1019.79	9555.29	10927.79	1	0.1048	20	0	0
5	15	110	124	138.56	1019.79	9552.29	10937.40	1	0.1081	20	0	0
6	15	110	125	148.36	1019.79	9549.00	10946.70	1	0.1108	20	0	0
7	15	110	126	158.08	1019.79	9546.50	10956.29	1	0.1145	20	0	0
8	15	110	127	168.03	1019.90	9543.79	10966.00	1	0.1185	20	0	0
9	15	110	128	177.87	1019.90	9540.90	10975.50	1	0.1218	20	0	0
10	15	110	129	187.79	1020.00	9538.29	10985.20	1	0.1275	20	0	0
11	15	110	130	197.80	1020.00	9535.50	10994.90	1	0.1258	20	0	0
12	15	110	131	207.71	1020.00	9532.50	11004.40	1	0.1275	20	0	0
13	15	110	132	217.72	1020.00	9529.50	11014.00	1	0.1282	20	0	0
14	15	110	133	227.68	1019.90	9527.09	11023.79	1	0.1288	20	0	0
15	15	110	134	237.64	1019.79	9524.50	11033.50	1	0.1292	20	0	0
16	15	110	135	247.80	1019.79	9520.90	11043.00	1	0.1352	20	0	0
17	15	110	136	257.69	1019.79	9518.00	11052.50	1	0.1332	20	0	0
18	15	110	137	267.71	1019.79	9515.29	11062.20	1	0.1395	20	0	0
19	15	110	138	277.69	1019.70	9512.40	11071.79	1	0.1455	20	0	0
20	15	110	139	287.59	1019.50	9509.50	11081.29	1	0.1499	20	0	0
21	15	110	140	297.50	1019.50	9506.59	11090.79	1	0.1432	20	0	0
22	15	110	141	307.37	1019.50	9503.79	11100.29	1	0.1462	20	0	0
23	15	110	142	317.34	1019.50	9501.00	11109.90	1	0.1532	20	0	0
24	15	110	143	327.38	1019.50	9498.00	11119.50	1	0.1549	20	0	0
25	15	110	144	337.25	1019.40	9495.20	11129.00	1	0.1595	20	0	0
26	15	110	145	347.25	1019.29	9492.29	11138.59	1	0.1502	20	0	0
27	15	110	146	357.16	1019.40	9489.70	11148.20	1	0.1639	20	0	0
28	15	110	147	367.27	1019.40	9486.79	11157.90	1	0.1619	20	0	0
29	15	110	148	377.21	1019.29	9484.09	11167.50	1	0.1649	20	0	0
30	15	110	149	387.19	1019.29	9481.00	11177.00	1	0.1662	20	0	0
31	15	110	150	397.06	1019.29	9478.50	11186.59	1	0.0000	20	0	0
32	15	110	151	407.05	1019.20	9475.70	11196.20	1	0.0000	20	0	0
33	15	110	152	417.06	1019.29	9472.79	11205.79	1	0.0000	20	0	0
34	15	110	153	427.08	1019.40	9469.90	11215.40	1	0.1923	20	0	0
35	15	110	154	437.02	1019.40	9466.40	11224.70	1	0.1909	20	0	0
36	15	110	155	446.86	1019.29	9461.79	11233.50	1	0.0000	20	0	0
37	15	110	156	456.69	1019.20	9457.20	11242.29	1	0.0000	20	0	0
38	15	110	157	466.53	1019.20	9452.09	11250.90	1	0.0000	20	0	0
39	15	110	158	476.37	1019.20	9447.00	11259.50	1	0.0000	20	0	0
40	15	110	159	485.95	1019.09	9441.59	11267.70	1	0.0000	20	0	0
41	15	110	160	495.98	1019.09	9436.50	11276.50	1	0.0000	20	0	0
42	15	110	161	505.74	1019.00	9430.90	11284.79	1	0.0000	20	0	0
43	15	110	162	515.71	1019.00	9426.00	11293.59	1	0.0000	20	0	0
44	15	110	163	525.45	1018.90	9420.79	11302.00	1	0.0000	20	0	0
45	15	110	164	535.07	1018.90	9415.59	11310.29	1	0.0000	20	0	0
46	15	110	165	545.02	1019.00	9410.59	11319.00	1	0.0000	20	0	0
47	15	110	166	554.83	1019.00	9405.20	11327.40	1	0.0000	20	0	0
48	15	110	167	564.79	1018.90	9399.90	11336.00	1	0.0000	20	0	0

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hg19.txt

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PARTIAL SEG Y HEADER DUMP

hg19.seg

```

Length = 1000 samples      Shot Elevation = 1018.7
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 9493.40
High Cut Filter = 1000 Hz. Shot Y-COORD = 11128.50
Line ID: HGM1             Shot Date (year.moday) = 1994.0515
Shot Orientation:         Shot Time (hr:min) = 12:48
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	16	144	120	239.93	1019.79	9563.00	10898.90	1	0.0000	20	0	0
2	16	144	121	229.99	1019.79	9560.40	10908.50	1	0.0000	20	0	0
3	16	144	122	220.07	1019.79	9558.20	10918.20	1	0.1338	20	0	0
4	16	144	123	210.05	1019.79	9555.29	10927.79	1	0.1285	20	0	0
5	16	144	124	199.98	1019.79	9552.29	10937.40	1	0.1255	20	0	0
6	16	144	125	190.12	1019.79	9549.00	10946.70	1	0.1238	20	0	0
7	16	144	126	180.22	1019.79	9546.50	10956.29	1	0.1235	20	0	0
8	16	144	127	170.15	1019.90	9543.79	10966.00	1	0.1212	20	0	0
9	16	144	128	160.22	1019.90	9540.90	10975.50	1	0.1198	20	0	0
10	16	144	129	150.18	1020.00	9538.29	10985.20	1	0.1202	20	0	0
11	16	144	130	140.09	1020.00	9535.50	10994.90	1	0.1135	20	0	0
12	16	144	131	130.13	1020.00	9532.50	11004.40	1	0.1101	20	0	0
13	16	144	132	120.08	1020.00	9529.50	11014.00	1	0.1068	20	0	0
14	16	144	133	110.02	1019.90	9527.09	11023.79	1	0.1061	20	0	0
15	16	144	134	99.98	1019.79	9524.50	11033.50	1	0.1011	20	0	0
16	16	144	135	89.84	1019.79	9520.90	11043.00	1	0.0985	20	0	0
17	16	144	136	79.91	1019.79	9518.00	11052.50	1	0.0925	20	0	0
18	16	144	137	69.85	1019.79	9515.29	11062.20	1	0.0918	20	0	0
19	16	144	138	59.84	1019.70	9512.40	11071.79	1	0.0878	20	0	0
20	16	144	139	49.91	1019.50	9509.50	11081.29	1	0.0794	20	0	0
21	16	144	140	39.99	1019.50	9506.59	11090.79	1	0.0671	20	0	0
22	16	144	141	30.12	1019.50	9503.79	11100.29	1	0.0467	20	0	0
23	16	144	142	20.17	1019.50	9501.00	11109.90	1	0.0314	20	0	0
24	16	144	143	10.27	1019.50	9498.00	11119.50	1	0.0200	20	0	0
25	16	144	144	2.53	1019.40	9495.20	11129.00	1	0.0117	20	0	0
26	16	144	145	10.27	1019.29	9492.29	11138.59	1	0.0157	20	0	0
27	16	144	146	20.12	1019.40	9489.70	11148.20	1	0.0290	20	0	0
28	16	144	147	30.18	1019.40	9486.79	11157.90	1	0.0434	20	0	0
29	16	144	148	40.13	1019.29	9484.09	11167.50	1	0.0477	20	0	0
30	16	144	149	50.09	1019.29	9481.00	11177.00	1	0.0738	20	0	0
31	16	144	150	59.99	1019.29	9478.50	11186.59	1	0.0000	20	0	0
32	16	144	151	69.99	1019.20	9475.70	11196.20	1	0.0935	20	0	0
33	16	144	152	80.01	1019.29	9472.79	11205.79	1	0.0000	20	0	0
34	16	144	153	90.04	1019.40	9469.90	11215.40	1	0.0000	20	0	0
35	16	144	154	99.93	1019.40	9466.40	11224.70	1	0.1078	20	0	0
36	16	144	155	109.67	1019.29	9461.79	11233.50	1	0.0000	20	0	0
37	16	144	156	119.42	1019.20	9457.20	11242.29	1	0.1078	20	0	0
38	16	144	157	129.19	1019.20	9452.09	11250.90	1	0.1111	20	0	0
39	16	144	158	138.98	1019.20	9447.00	11259.50	1	0.1108	20	0	0
40	16	144	159	148.54	1019.09	9441.59	11267.70	1	0.1121	20	0	0
41	16	144	160	158.57	1019.09	9436.50	11276.50	1	0.1168	20	0	0
42	16	144	161	168.33	1019.00	9430.90	11284.79	1	0.1225	20	0	0
43	16	144	162	178.32	1019.00	9426.00	11293.59	1	0.0000	20	0	0
44	16	144	163	188.08	1018.90	9420.79	11302.00	1	0.1218	20	0	0
45	16	144	164	197.75	1018.90	9415.59	11310.29	1	0.1225	20	0	0
46	16	144	165	207.72	1019.00	9410.59	11319.00	1	0.1258	20	0	0
47	16	144	166	217.58	1019.00	9405.20	11327.40	1	0.1278	20	0	0
48	16	144	167	227.60	1018.90	9399.90	11336.00	1	0.1292	20	0	0

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hg20.txt

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 PARTIAL SEG Y HEADER DUMP

hg20.seg

```

Length = 1000 samples      Shot Elevation = 1018.7
Sample Interval = 0.00050 sec.  Shot Depth = 1.0
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 9399.00
High Cut Filter = 1000 Hz.    Shot Y-COORD = 11335.70
Line ID: HGM1               Shot Date (year.moday) = 1994.0515
Shot Orientation:           Shot Time (hr:min) = 13:00
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0
  
```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	17	167	120	466.58	1019.79	9563.00	10898.90	1	0.0000	20	0	0
2	17	167	121	456.68	1019.79	9560.40	10908.50	1	0.0000	20	0	0
3	17	167	122	446.83	1019.79	9558.20	10918.20	1	0.0000	20	0	0
4	17	167	123	436.83	1019.79	9555.29	10927.79	1	0.0000	20	0	0
5	17	167	124	426.78	1019.79	9552.29	10937.40	1	0.1812	20	0	0
6	17	167	125	416.92	1019.79	9549.00	10946.70	1	0.1779	20	0	0
7	17	167	126	407.08	1019.79	9546.50	10956.29	1	0.1789	20	0	0
8	17	167	127	397.05	1019.90	9543.79	10966.00	1	0.1722	20	0	0
9	17	167	128	387.15	1019.90	9540.90	10975.50	1	0.1756	20	0	0
10	17	167	129	377.17	1020.00	9538.29	10985.20	1	0.1719	20	0	0
11	17	167	130	367.13	1020.00	9535.50	10994.90	1	0.1666	20	0	0
12	17	167	131	357.19	1020.00	9532.50	11004.40	1	0.1652	20	0	0
13	17	167	132	347.17	1020.00	9529.50	11014.00	1	0.1605	20	0	0
14	17	167	133	337.19	1019.90	9527.09	11023.79	1	0.1569	20	0	0
15	17	167	134	327.23	1019.79	9524.50	11033.50	1	0.1525	20	0	0
16	17	167	135	317.08	1019.79	9520.90	11043.00	1	0.1505	20	0	0
17	17	167	136	307.19	1019.79	9518.00	11052.50	1	0.1489	20	0	0
18	17	167	137	297.20	1019.79	9515.29	11062.20	1	0.1509	20	0	0
19	17	167	138	287.25	1019.70	9512.40	11071.79	1	0.1505	20	0	0
20	17	167	139	277.38	1019.50	9509.50	11081.29	1	0.1422	20	0	0
21	17	167	140	267.51	1019.50	9506.59	11090.79	1	0.1399	20	0	0
22	17	167	141	257.69	1019.50	9503.79	11100.29	1	0.1352	20	0	0
23	17	167	142	247.78	1019.50	9501.00	11109.90	1	0.1375	20	0	0
24	17	167	143	237.80	1019.50	9498.00	11119.50	1	0.1355	20	0	0
25	17	167	144	228.00	1019.40	9495.20	11129.00	1	0.1308	20	0	0
26	17	167	145	218.08	1019.29	9492.29	11138.59	1	0.1325	20	0	0
27	17	167	146	208.29	1019.40	9489.70	11148.20	1	0.0000	20	0	0
28	17	167	147	198.30	1019.40	9486.79	11157.90	1	0.1245	20	0	0
29	17	167	148	188.50	1019.29	9484.09	11167.50	1	0.1225	20	0	0
30	17	167	149	178.64	1019.29	9481.00	11177.00	1	0.1178	20	0	0
31	17	167	150	168.99	1019.29	9478.50	11186.59	1	0.0000	20	0	0
32	17	167	151	159.20	1019.20	9475.70	11196.20	1	0.1135	20	0	0
33	17	167	152	149.41	1019.29	9472.79	11205.79	1	0.1121	20	0	0
34	17	167	153	139.65	1019.40	9469.90	11215.40	1	0.1055	20	0	0
35	17	167	154	129.87	1019.40	9466.40	11224.70	1	0.1065	20	0	0
36	17	167	155	119.96	1019.29	9461.79	11233.50	1	0.1105	20	0	0
37	17	167	156	110.07	1019.20	9457.20	11242.29	1	0.1021	20	0	0
38	17	167	157	100.06	1019.20	9452.09	11250.90	1	0.0968	20	0	0
39	17	167	158	90.07	1019.20	9447.00	11259.50	1	0.0908	20	0	0
40	17	167	159	80.25	1019.09	9441.59	11267.70	1	0.0891	20	0	0
41	17	167	160	70.09	1019.09	9436.50	11276.50	1	0.0861	20	0	0
42	17	167	161	60.09	1019.00	9430.90	11284.79	1	0.0871	20	0	0
43	17	167	162	50.04	1019.00	9426.00	11293.59	1	0.0711	20	0	0
44	17	167	163	40.15	1018.90	9420.79	11302.00	1	0.0407	20	0	0
45	17	167	164	30.37	1018.90	9415.59	11310.29	1	0.0324	20	0	0
46	17	167	165	20.37	1019.00	9410.59	11319.00	1	0.0260	20	0	0
47	17	167	166	10.44	1019.00	9405.20	11327.40	1	0.0144	20	0	0
48	17	167	167	1.53	1018.90	9399.90	11336.00	1	0.0103	20	0	0

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hg21.txt

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 PARTIAL SEG Y HEADER DUMP

hg21.seg

```

Length = 1000 samples      Shot Elevation = 1018.7
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 9346.40
High Cut Filter = 1000 Hz. Shot Y-COORD = 11420.29
Line ID: HGM1             Shot Date (year.moday) = 1994.0515
Shot Orientation:         Shot Time (hr:min) = 13:07
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0
  
```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	18	177	120	564.59	1019.79	9563.00	10898.90	1	0.0000	20	0	0
2	18	177	121	554.73	1019.79	9560.40	10908.50	1	0.0000	20	0	0
3	18	177	122	544.94	1019.79	9558.20	10918.20	1	0.2059	20	0	0
4	18	177	123	534.97	1019.79	9555.29	10927.79	1	0.2046	20	0	0
5	18	177	124	524.95	1019.79	9552.29	10937.40	1	0.2043	20	0	0
6	18	177	125	515.11	1019.79	9549.00	10946.70	1	0.1963	20	0	0
7	18	177	126	505.31	1019.79	9546.50	10956.29	1	0.1993	20	0	0
8	18	177	127	495.33	1019.90	9543.79	10966.00	1	0.1953	20	0	0
9	18	177	128	485.46	1019.90	9540.90	10975.50	1	0.1949	20	0	0
10	18	177	129	475.53	1020.00	9538.29	10985.20	1	0.1969	20	0	0
11	18	177	130	465.53	1020.00	9535.50	10994.90	1	0.1899	20	0	0
12	18	177	131	455.63	1020.00	9532.50	11004.40	1	0.1866	20	0	0
13	18	177	132	445.65	1020.00	9529.50	11014.00	1	0.1812	20	0	0
14	18	177	133	435.74	1019.90	9527.09	11023.79	1	0.1806	20	0	0
15	18	177	134	425.83	1019.79	9524.50	11033.50	1	0.1742	20	0	0
16	18	177	135	415.70	1019.79	9520.90	11043.00	1	0.1749	20	0	0
17	18	177	136	405.86	1019.79	9518.00	11052.50	1	0.1689	20	0	0
18	18	177	137	395.92	1019.79	9515.29	11062.20	1	0.1716	20	0	0
19	18	177	138	386.02	1019.70	9512.40	11071.79	1	0.1689	20	0	0
20	18	177	139	376.20	1019.50	9509.50	11081.29	1	0.1622	20	0	0
21	18	177	140	366.38	1019.50	9506.59	11090.79	1	0.1609	20	0	0
22	18	177	141	356.62	1019.50	9503.79	11100.29	1	0.1595	20	0	0
23	18	177	142	346.77	1019.50	9501.00	11109.90	1	0.1579	20	0	0
24	18	177	143	336.84	1019.50	9498.00	11119.50	1	0.1539	20	0	0
25	18	177	144	327.10	1019.40	9495.20	11129.00	1	0.1569	20	0	0
26	18	177	145	317.24	1019.29	9492.29	11138.59	1	0.1469	20	0	0
27	18	177	146	307.52	1019.40	9489.70	11148.20	1	0.1502	20	0	0
28	18	177	147	297.59	1019.40	9486.79	11157.90	1	0.1455	20	0	0
29	18	177	148	287.86	1019.29	9484.09	11167.50	1	0.1432	20	0	0
30	18	177	149	278.05	1019.29	9481.00	11177.00	1	0.1419	20	0	0
31	18	177	150	268.46	1019.29	9478.50	11186.59	1	0.0000	20	0	0
32	18	177	151	258.72	1019.20	9475.70	11196.20	1	0.1328	20	0	0
33	18	177	152	248.97	1019.29	9472.79	11205.79	1	0.0000	20	0	0
34	18	177	153	239.24	1019.40	9469.90	11215.40	1	0.1368	20	0	0
35	18	177	154	229.47	1019.40	9466.40	11224.70	1	0.1312	20	0	0
36	18	177	155	219.56	1019.29	9461.79	11233.50	1	0.1212	20	0	0
37	18	177	156	209.67	1019.20	9457.20	11242.29	1	0.1255	20	0	0
38	18	177	157	199.66	1019.20	9452.09	11250.90	1	0.1202	20	0	0
39	18	177	158	189.67	1019.20	9447.00	11259.50	1	0.1152	20	0	0
40	18	177	159	179.85	1019.09	9441.59	11267.70	1	0.1142	20	0	0
41	18	177	160	169.69	1019.09	9436.50	11276.50	1	0.1111	20	0	0
42	18	177	161	159.69	1019.00	9430.90	11284.79	1	0.1085	20	0	0
43	18	177	162	149.64	1019.00	9426.00	11293.59	1	0.1038	20	0	0
44	18	177	163	139.74	1018.90	9420.79	11302.00	1	0.1018	20	0	0
45	18	177	164	129.96	1018.90	9415.59	11310.29	1	0.0985	20	0	0
46	18	177	165	119.92	1019.00	9410.59	11319.00	1	0.0968	20	0	0
47	18	177	166	109.94	1019.00	9405.20	11327.40	1	0.0938	20	0	0
48	18	177	167	99.84	1018.90	9399.90	11336.00	1	0.0941	20	0	0

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hg22.txt

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PARTIAL SEG Y HEADER DUMP

hg22.seg

```

Length = 1000 samples      Shot Elevation = 1018.7
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 9393.50
High Cut Filter = 1000 Hz. Shot Y-COORD = 11343.70
Line ID: HGM1             Shot Date (year.moday) = 1994.0515
Shot Orientation:         Shot Time (hr:min) = 14:09
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	19	168	168	1.88	1018.90	9394.70	11344.50	1	0.0100	20	0	0
2	19	168	169	10.10	1018.90	9389.50	11352.90	1	0.0160	20	0	0
3	19	168	170	20.03	1019.00	9384.40	11361.50	1	0.0224	20	0	0
4	19	168	171	29.96	1019.00	9379.20	11370.00	1	0.0320	20	0	0
5	19	168	172	39.83	1019.00	9374.00	11378.40	1	0.0391	20	0	0
6	19	168	173	49.84	1019.20	9368.70	11386.90	1	0.0694	20	0	0
7	19	168	174	59.88	1019.20	9363.50	11395.50	1	0.0898	20	0	0
8	19	168	175	69.78	1019.00	9358.40	11404.00	1	0.0854	20	0	0
9	19	168	176	79.81	1019.29	9353.09	11412.50	1	0.0885	20	0	0
10	19	168	177	89.76	1019.40	9347.90	11421.00	1	0.0905	20	0	0
11	19	168	178	100.00	1019.50	9342.50	11429.70	1	0.0925	20	0	0
12	19	168	179	109.82	1019.70	9337.40	11438.09	1	0.0938	20	0	0
13	19	168	180	119.93	1019.70	9332.09	11446.70	1	0.0971	20	0	0
14	19	168	181	129.97	1019.70	9326.90	11455.29	1	0.0981	20	0	0
15	19	168	182	139.99	1019.50	9321.59	11463.79	1	0.1001	20	0	0
16	19	168	183	149.94	1019.50	9316.40	11472.29	1	0.1041	20	0	0
17	19	168	184	159.96	1019.50	9311.29	11480.90	1	0.1048	20	0	0
18	19	168	185	170.05	1019.50	9306.00	11489.50	1	0.1152	20	0	0
19	19	168	186	180.07	1019.50	9300.70	11498.00	1	0.1192	20	0	0
20	19	168	187	189.94	1019.50	9295.50	11506.40	1	0.1175	20	0	0
21	19	168	188	200.00	1019.50	9290.29	11515.00	1	0.1252	20	0	0
22	19	168	189	210.11	1019.29	9285.29	11523.79	1	0.1252	20	0	0
23	19	168	190	219.78	1019.40	9282.70	11533.50	1	0.1285	20	0	0
24	19	168	191	229.40	1019.29	9280.79	11543.50	1	0.0000	20	0	0
25	19	168	192	238.75	1019.29	9279.00	11553.20	1	0.0000	20	0	0
26	19	168	193	248.27	1019.29	9277.50	11563.20	1	0.0000	20	0	0
27	19	168	194	257.87	1019.20	9275.70	11573.09	1	0.0000	20	0	0
28	19	168	195	267.57	1019.00	9273.20	11582.70	1	0.0000	20	0	0
29	19	168	196	277.50	1019.00	9269.59	11592.00	1	0.0000	20	0	0
30	19	168	197	287.55	1018.90	9264.70	11600.79	1	0.0000	20	0	0
31	19	168	198	297.50	1019.09	9258.70	11608.90	1	0.0000	20	0	0
32	19	168	199	307.31	1019.20	9252.40	11616.70	1	0.0000	20	0	0
33	19	168	200	317.05	1019.20	9245.90	11624.29	1	0.0000	20	0	0
34	19	168	201	326.86	1019.40	9239.50	11632.00	1	0.0000	20	0	0
35	19	168	202	336.84	1019.20	9233.29	11640.00	1	0.0000	20	0	0
36	19	168	203	346.69	1019.20	9227.00	11647.79	1	0.0000	20	0	0
37	19	168	204	356.52	1019.20	9220.09	11655.20	1	0.0000	20	0	0
38	19	168	205	366.21	1019.20	9213.29	11662.50	1	0.0000	20	0	0
39	19	168	206	376.26	1018.90	9207.90	11671.00	1	0.0000	20	0	0
40	19	168	207	386.04	1019.09	9205.00	11680.59	1	0.0000	20	0	0
41	19	168	208	395.14	1019.00	9204.29	11690.59	1	0.0000	20	0	0
42	19	168	209	404.06	1019.00	9203.70	11700.40	1	0.0000	20	0	0
43	19	168	210	412.99	1019.20	9204.29	11710.79	1	0.0000	20	0	0
44	19	168	211	421.68	1019.20	9205.00	11720.90	1	0.0000	20	0	0
45	19	168	212	430.30	1019.29	9206.00	11731.00	1	0.0000	20	0	0
46	19	168	213	439.03	1019.29	9206.70	11741.00	1	0.0000	20	0	0
47	19	168	214	448.48	1019.40	9205.79	11751.00	1	0.0000	20	0	0
48	19	168	215	458.11	1019.09	9204.50	11761.00	1	0.0000	20	0	0

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hg23.txt

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PARTIAL SEG Y HEADER DUMP

hg23.seg

```

Length = 1000 samples      Shot Elevation = 1018.7
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 9445.79
High Cut Filter = 1000 Hz. Shot Y-COORD = 11258.90
Line ID: HGM1            Shot Date (year.moday) = 1994.0515
Shot Orientation:        Shot Time (hr:min) = 14:16
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	20	158	168	99.69	1018.90	9394.70	11344.50	1	0.0958	20	0	0
2	20	158	169	109.57	1018.90	9389.50	11352.90	1	0.0955	20	0	0
3	20	158	170	119.57	1019.00	9384.40	11361.50	1	0.0998	20	0	0
4	20	158	171	129.53	1019.00	9379.20	11370.00	1	0.1001	20	0	0
5	20	158	172	139.41	1019.00	9374.00	11378.40	1	0.1008	20	0	0
6	20	158	173	149.43	1019.20	9368.70	11386.90	1	0.1045	20	0	0
7	20	158	174	159.48	1019.20	9363.50	11395.50	1	0.1115	20	0	0
8	20	158	175	169.39	1019.00	9358.40	11404.00	1	0.1118	20	0	0
9	20	158	176	179.41	1019.29	9353.09	11412.50	1	0.1138	20	0	0
10	20	158	177	189.37	1019.40	9347.90	11421.00	1	0.1172	20	0	0
11	20	158	178	199.61	1019.50	9342.50	11429.70	1	0.1188	20	0	0
12	20	158	179	209.43	1019.70	9337.40	11438.09	1	0.1198	20	0	0
13	20	158	180	219.55	1019.70	9332.09	11446.70	1	0.1222	20	0	0
14	20	158	181	229.58	1019.70	9326.90	11455.29	1	0.1242	20	0	0
15	20	158	182	239.60	1019.50	9321.59	11463.79	1	0.1268	20	0	0
16	20	158	183	249.56	1019.50	9316.40	11472.29	1	0.1295	20	0	0
17	20	158	184	259.57	1019.50	9311.29	11480.90	1	0.1342	20	0	0
18	20	158	185	269.67	1019.50	9306.00	11489.50	1	0.1412	20	0	0
19	20	158	186	279.68	1019.50	9300.70	11498.00	1	0.1409	20	0	0
20	20	158	187	289.56	1019.50	9295.50	11506.40	1	0.1435	20	0	0
21	20	158	188	299.62	1019.50	9290.29	11515.00	1	0.1475	20	0	0
22	20	158	189	309.72	1019.29	9285.29	11523.79	1	0.0000	20	0	0
23	20	158	190	319.38	1019.40	9282.70	11533.50	1	0.0000	20	0	0
24	20	158	191	328.97	1019.29	9280.79	11543.50	1	0.0000	20	0	0
25	20	158	192	338.28	1019.29	9279.00	11553.20	1	0.0000	20	0	0
26	20	158	193	347.74	1019.29	9277.50	11563.20	1	0.0000	20	0	0
27	20	158	194	357.28	1019.20	9275.70	11573.09	1	0.0000	20	0	0
28	20	158	195	366.93	1019.00	9273.20	11582.70	1	0.0000	20	0	0
29	20	158	196	376.83	1019.00	9269.59	11592.00	1	0.0000	20	0	0
30	20	158	197	386.89	1018.90	9264.70	11600.79	1	0.0000	20	0	0
31	20	158	198	396.87	1019.09	9258.70	11608.90	1	0.0000	20	0	0
32	20	158	199	406.72	1019.20	9252.40	11616.70	1	0.0000	20	0	0
33	20	158	200	416.49	1019.20	9245.90	11624.29	1	0.0000	20	0	0
34	20	158	201	426.34	1019.40	9239.50	11632.00	1	0.0000	20	0	0
35	20	158	202	436.34	1019.20	9233.29	11640.00	1	0.0000	20	0	0
36	20	158	203	446.21	1019.20	9227.00	11647.79	1	0.0000	20	0	0
37	20	158	204	456.07	1019.20	9220.09	11655.20	1	0.0000	20	0	0
38	20	158	205	465.78	1019.20	9213.29	11662.50	1	0.0000	20	0	0
39	20	158	206	475.84	1018.90	9207.90	11671.00	1	0.0000	20	0	0
40	20	158	207	485.60	1019.09	9205.00	11680.59	1	0.0000	20	0	0
41	20	158	208	494.65	1019.00	9204.29	11690.59	1	0.0000	20	0	0
42	20	158	209	503.52	1019.00	9203.70	11700.40	1	0.0000	20	0	0
43	20	158	210	512.38	1019.20	9204.29	11710.79	1	0.0000	20	0	0
44	20	158	211	520.99	1019.20	9205.00	11720.90	1	0.0000	20	0	0
45	20	158	212	529.51	1019.29	9206.00	11731.00	1	0.0000	20	0	0
46	20	158	213	538.13	1019.29	9206.70	11741.00	1	0.0000	20	0	0
47	20	158	214	547.51	1019.40	9205.79	11751.00	1	0.0000	20	0	0
48	20	158	215	557.07	1019.09	9204.50	11761.00	1	0.0000	20	0	0

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hg24.txt

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PARTIAL SEG Y HEADER DUMP

hg24.seg

```

Length = 1000 samples      Shot Elevation = 1018.7
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 9277.00
High Cut Filter = 1000 Hz. Shot Y-COORD = 11552.90
Line ID: HGM1             Shot Date (year.moday) = 1994.0515
Shot Orientation:         Shot Time (hr:min) = 14:26
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	21	192	168	239.34	1018.90	9394.70	11344.50	1	0.1422	20	0	0
2	21	192	169	229.47	1018.90	9389.50	11352.90	1	0.1345	20	0	0
3	21	192	170	219.48	1019.00	9384.40	11361.50	1	0.1302	20	0	0
4	21	192	171	209.52	1019.00	9379.20	11370.00	1	0.1245	20	0	0
5	21	192	172	199.65	1019.00	9374.00	11378.40	1	0.1205	20	0	0
6	21	192	173	189.65	1019.20	9368.70	11386.90	1	0.1198	20	0	0
7	21	192	174	179.61	1019.20	9363.50	11395.50	1	0.1228	20	0	0
8	21	192	175	169.70	1019.00	9358.40	11404.00	1	0.1168	20	0	0
9	21	192	176	159.70	1019.29	9353.09	11412.50	1	0.1155	20	0	0
10	21	192	177	149.76	1019.40	9347.90	11421.00	1	0.1115	20	0	0
11	21	192	178	139.54	1019.50	9342.50	11429.70	1	0.1091	20	0	0
12	21	192	179	129.74	1019.70	9337.40	11438.09	1	0.1068	20	0	0
13	21	192	180	119.66	1019.70	9332.09	11446.70	1	0.1038	20	0	0
14	21	192	181	109.64	1019.70	9326.90	11455.29	1	0.1011	20	0	0
15	21	192	182	99.66	1019.50	9321.59	11463.79	1	0.0941	20	0	0
16	21	192	183	89.74	1019.50	9316.40	11472.29	1	0.0941	20	0	0
17	21	192	184	79.77	1019.50	9311.29	11480.90	1	0.0911	20	0	0
18	21	192	185	69.74	1019.50	9306.00	11489.50	1	0.0915	20	0	0
19	21	192	186	59.82	1019.50	9300.70	11498.00	1	0.0905	20	0	0
20	21	192	187	50.08	1019.50	9295.50	11506.40	1	0.0814	20	0	0
21	21	192	188	40.20	1019.50	9290.29	11515.00	1	0.0674	20	0	0
22	21	192	189	30.31	1019.29	9285.29	11523.79	1	0.0527	20	0	0
23	21	192	190	20.29	1019.40	9282.70	11533.50	1	0.0364	20	0	0
24	21	192	191	10.26	1019.29	9280.79	11543.50	1	0.0227	20	0	0
25	21	192	192	2.57	1019.29	9279.00	11553.20	1	0.0180	20	0	0
26	21	192	193	10.43	1019.29	9277.50	11563.20	1	0.0237	20	0	0
27	21	192	194	20.29	1019.20	9275.70	11573.09	1	0.0314	20	0	0
28	21	192	195	30.07	1019.00	9273.20	11582.70	1	0.0000	20	0	0
29	21	192	196	39.82	1019.00	9269.59	11592.00	1	0.0808	20	0	0
30	21	192	197	49.46	1018.90	9264.70	11600.79	1	0.0915	20	0	0
31	21	192	198	58.93	1019.09	9258.70	11608.90	1	0.0925	20	0	0
32	21	192	199	68.39	1019.20	9252.40	11616.70	1	0.1055	20	0	0
33	21	192	200	77.88	1019.20	9245.90	11624.29	1	0.0000	20	0	0
34	21	192	201	87.56	1019.40	9239.50	11632.00	1	0.1001	20	0	0
35	21	192	202	97.46	1019.20	9233.29	11640.00	1	0.0000	20	0	0
36	21	192	203	107.27	1019.20	9227.00	11647.79	1	0.1098	20	0	0
37	21	192	204	117.07	1019.20	9220.09	11655.20	1	0.0000	20	0	0
38	21	192	205	126.78	1019.20	9213.29	11662.50	1	0.1105	20	0	0
39	21	192	206	136.83	1018.90	9207.90	11671.00	1	0.1128	20	0	0
40	21	192	207	146.60	1019.09	9205.00	11680.59	1	0.1128	20	0	0
41	21	192	208	155.71	1019.00	9204.29	11690.59	1	0.1172	20	0	0
42	21	192	209	164.71	1019.00	9203.70	11700.40	1	0.1215	20	0	0
43	21	192	210	173.83	1019.20	9204.29	11710.79	1	0.1195	20	0	0
44	21	192	211	182.78	1019.20	9205.00	11720.90	1	0.1195	20	0	0
45	21	192	212	191.74	1019.29	9206.00	11731.00	1	0.1245	20	0	0
46	21	192	213	200.81	1019.29	9206.70	11741.00	1	0.1258	20	0	0
47	21	192	214	210.52	1019.40	9205.79	11751.00	1	0.1288	20	0	0
48	21	192	215	220.37	1019.09	9204.50	11761.00	1	0.1322	20	0	0

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hg25.txt

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PARTIAL SEG Y HEADER DUMP

hg25.seg

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Length = 1000 samples      Shot Elevation = 1017.7
Sample Interval = 0.00050 sec.  Shot Depth = 1.0
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 9201.59
High Cut Filter = 1000 Hz.    Shot Y-COORD = 11760.90
Line ID: HGM1               Shot Date (year.moday) = 1994.0515
Shot Orientation:           Shot Time (hr:min) = 14:39
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	22	215	168	459.01	1018.90	9394.70	11344.50	1	0.1899	20	0	0
2	22	215	169	449.20	1018.90	9389.50	11352.90	1	0.1889	20	0	0
3	22	215	170	439.26	1019.00	9384.40	11361.50	1	0.1839	20	0	0
4	22	215	171	429.36	1019.00	9379.20	11370.00	1	0.1792	20	0	0
5	22	215	172	419.57	1019.00	9374.00	11378.40	1	0.1752	20	0	0
6	22	215	173	409.64	1019.20	9368.70	11386.90	1	0.1732	20	0	0
7	22	215	174	399.67	1019.20	9363.50	11395.50	1	0.1739	20	0	0
8	22	215	175	389.84	1019.00	9358.40	11404.00	1	0.1699	20	0	0
9	22	215	176	379.92	1019.29	9353.09	11412.50	1	0.1699	20	0	0
10	22	215	177	370.06	1019.40	9347.90	11421.00	1	0.1686	20	0	0
11	22	215	178	359.94	1019.50	9342.50	11429.70	1	0.1639	20	0	0
12	22	215	179	350.23	1019.70	9337.40	11438.09	1	0.1609	20	0	0
13	22	215	180	340.24	1019.70	9332.09	11446.70	1	0.1595	20	0	0
14	22	215	181	330.32	1019.70	9326.90	11455.29	1	0.1539	20	0	0
15	22	215	182	320.44	1019.50	9321.59	11463.79	1	0.1502	20	0	0
16	22	215	183	310.62	1019.50	9316.40	11472.29	1	0.1489	20	0	0
17	22	215	184	300.74	1019.50	9311.29	11480.90	1	0.1482	20	0	0
18	22	215	185	290.80	1019.50	9306.00	11489.50	1	0.1505	20	0	0
19	22	215	186	280.98	1019.50	9300.70	11498.00	1	0.1442	20	0	0
20	22	215	187	271.29	1019.50	9295.50	11506.40	1	0.1432	20	0	0
21	22	215	188	261.42	1019.50	9290.29	11515.00	1	0.1402	20	0	0
22	22	215	189	251.46	1019.29	9285.29	11523.79	1	0.1325	20	0	0
23	22	215	190	241.45	1019.40	9282.70	11533.50	1	0.1302	20	0	0
24	22	215	191	231.39	1019.29	9280.79	11543.50	1	0.1338	20	0	0
25	22	215	192	221.67	1019.29	9279.00	11553.20	1	0.1262	20	0	0
26	22	215	193	211.79	1019.29	9277.50	11563.20	1	0.1255	20	0	0
27	22	215	194	201.92	1019.20	9275.70	11573.09	1	0.1222	20	0	0
28	22	215	195	192.06	1019.00	9273.20	11582.70	1	0.1278	20	0	0
29	22	215	196	182.09	1019.00	9269.59	11592.00	1	0.1142	20	0	0
30	22	215	197	172.11	1018.90	9264.70	11600.79	1	0.1138	20	0	0
31	22	215	198	162.39	1019.09	9258.70	11608.90	1	0.1132	20	0	0
32	22	215	199	152.91	1019.20	9252.40	11616.70	1	0.1175	20	0	0
33	22	215	200	143.64	1019.20	9245.90	11624.29	1	0.0000	20	0	0
34	22	215	201	134.39	1019.40	9239.50	11632.00	1	0.0000	20	0	0
35	22	215	202	125.01	1019.20	9233.29	11640.00	1	0.0000	20	0	0
36	22	215	203	115.96	1019.20	9227.00	11647.79	1	0.1021	20	0	0
37	22	215	204	107.34	1019.20	9220.09	11655.20	1	0.0948	20	0	0
38	22	215	205	99.13	1019.20	9213.29	11662.50	1	0.0000	20	0	0
39	22	215	206	90.15	1018.90	9207.90	11671.00	1	0.0841	20	0	0
40	22	215	207	80.42	1019.09	9205.00	11680.59	1	0.0788	20	0	0
41	22	215	208	70.40	1019.00	9204.29	11690.59	1	0.0741	20	0	0
42	22	215	209	60.58	1019.00	9203.70	11700.40	1	0.0718	20	0	0
43	22	215	210	50.25	1019.20	9204.29	11710.79	1	0.0674	20	0	0
44	22	215	211	40.22	1019.20	9205.00	11720.90	1	0.0501	20	0	0
45	22	215	212	30.33	1019.29	9206.00	11731.00	1	0.0360	20	0	0
46	22	215	213	20.71	1019.29	9206.70	11741.00	1	0.0250	20	0	0
47	22	215	214	11.09	1019.40	9205.79	11751.00	1	0.0154	20	0	0
48	22	215	215	3.77	1019.09	9204.50	11761.00	1	0.0100	20	0	0

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hg26.txt

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PARTIAL SEG Y HEADER DUMP

hg26.seg

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Length = 1000 samples      Shot Elevation = 1017.7
Sample Interval = 0.00050 sec.  Shot Depth = 1.0
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 9144.09
High Cut Filter = 1000 Hz.    Shot Y-COORD = 11840.50
Line ID: HGM1               Shot Date (year.moday) = 1994.0515
Shot Orientation:           Shot Time (hr:min) = 14:45
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	23	225	168	555.72	1018.90	9394.70	11344.50	1	0.0000	20	0	0
2	23	225	169	545.88	1018.90	9389.50	11352.90	1	0.0000	20	0	0
3	23	225	170	535.91	1019.00	9384.40	11361.50	1	0.0000	20	0	0
4	23	225	171	525.98	1019.00	9379.20	11370.00	1	0.0000	20	0	0
5	23	225	172	516.14	1019.00	9374.00	11378.40	1	0.0000	20	0	0
6	23	225	173	506.17	1019.20	9368.70	11386.90	1	0.2079	20	0	0
7	23	225	174	496.16	1019.20	9363.50	11395.50	1	0.2089	20	0	0
8	23	225	175	486.28	1019.00	9358.40	11404.00	1	0.0000	20	0	0
9	23	225	176	476.31	1019.29	9353.09	11412.50	1	0.0000	20	0	0
10	23	225	177	466.40	1019.40	9347.90	11421.00	1	0.0000	20	0	0
11	23	225	178	456.21	1019.50	9342.50	11429.70	1	0.1979	20	0	0
12	23	225	179	446.44	1019.70	9337.40	11438.09	1	0.1859	20	0	0
13	23	225	180	436.38	1019.70	9332.09	11446.70	1	0.1826	20	0	0
14	23	225	181	426.40	1019.70	9326.90	11455.29	1	0.1849	20	0	0
15	23	225	182	416.44	1019.50	9321.59	11463.79	1	0.1826	20	0	0
16	23	225	183	406.54	1019.50	9316.40	11472.29	1	0.1762	20	0	0
17	23	225	184	396.58	1019.50	9311.29	11480.90	1	0.1699	20	0	0
18	23	225	185	386.55	1019.50	9306.00	11489.50	1	0.1746	20	0	0
19	23	225	186	376.62	1019.50	9300.70	11498.00	1	0.0000	20	0	0
20	23	225	187	366.82	1019.50	9295.50	11506.40	1	0.1699	20	0	0
21	23	225	188	356.84	1019.50	9290.29	11515.00	1	0.1659	20	0	0
22	23	225	189	346.77	1019.29	9285.29	11523.79	1	0.1649	20	0	0
23	23	225	190	336.85	1019.40	9282.70	11533.50	1	0.1656	20	0	0
24	23	225	191	326.96	1019.29	9280.79	11543.50	1	0.0000	20	0	0
25	23	225	192	317.41	1019.29	9279.00	11553.20	1	0.0000	20	0	0
26	23	225	193	307.73	1019.29	9277.50	11563.20	1	0.0000	20	0	0
27	23	225	194	298.05	1019.20	9275.70	11573.09	1	0.0000	20	0	0
28	23	225	195	288.33	1019.00	9273.20	11582.70	1	0.0000	20	0	0
29	23	225	196	278.40	1019.00	9269.59	11592.00	1	0.0000	20	0	0
30	23	225	197	268.35	1018.90	9264.70	11600.79	1	0.0000	20	0	0
31	23	225	198	258.42	1019.09	9258.70	11608.90	1	0.0000	20	0	0
32	23	225	199	248.64	1019.20	9252.40	11616.70	1	0.0000	20	0	0
33	23	225	200	238.99	1019.20	9245.90	11624.29	1	0.0000	20	0	0
34	23	225	201	229.31	1019.40	9239.50	11632.00	1	0.0000	20	0	0
35	23	225	202	219.46	1019.20	9233.29	11640.00	1	0.0000	20	0	0
36	23	225	203	209.80	1019.20	9227.00	11647.79	1	0.0000	20	0	0
37	23	225	204	200.30	1019.20	9220.09	11655.20	1	0.0000	20	0	0
38	23	225	205	190.99	1019.20	9213.29	11662.50	1	0.1218	20	0	0
39	23	225	206	181.13	1018.90	9207.90	11671.00	1	0.1228	20	0	0
40	23	225	207	171.13	1019.09	9205.00	11680.59	1	0.1148	20	0	0
41	23	225	208	161.56	1019.00	9204.29	11690.59	1	0.1088	20	0	0
42	23	225	209	152.27	1019.00	9203.70	11700.40	1	0.1085	20	0	0
43	23	225	210	143.02	1019.20	9204.29	11710.79	1	0.1095	20	0	0
44	23	225	211	134.24	1019.20	9205.00	11720.90	1	0.1081	20	0	0
45	23	225	212	125.82	1019.29	9206.00	11731.00	1	0.1035	20	0	0
46	23	225	213	117.59	1019.29	9206.70	11741.00	1	0.1021	20	0	0
47	23	225	214	108.74	1019.40	9205.79	11751.00	1	0.0941	20	0	0
48	23	225	215	99.88	1019.09	9204.50	11761.00	1	0.0941	20	0	0

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hg27.txt

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PARTIAL SEG Y HEADER DUMP

hg27.seg

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Length = 1000 samples      Shot Elevation = 1017.8
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 9198.70
High Cut Filter = 1000 Hz. Shot Y-COORD = 11769.40
Line ID: HGM1             Shot Date (year.moday) = 1994.0517
Shot Orientation:         Shot Time (hr:min) = 09:35
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	24	216	216	3.37	1019.00	9201.00	11770.50	1	0.0110	40	0	0
2	24	216	217	10.55	1019.09	9196.70	11779.50	1	0.0154	40	0	0
3	24	216	218	20.15	1019.20	9191.09	11787.90	1	0.0254	40	0	0
4	24	216	219	30.01	1019.20	9185.20	11796.09	1	0.0307	40	0	0
5	24	216	220	39.86	1019.29	9178.70	11803.79	1	0.0411	40	0	0
6	24	216	221	49.73	1019.40	9172.50	11811.59	1	0.0504	40	0	0
7	24	216	222	59.69	1019.29	9166.20	11819.40	1	0.0848	40	0	0
8	24	216	223	69.72	1019.29	9159.79	11827.20	1	0.0895	40	0	0
9	24	216	224	79.79	1019.09	9153.20	11834.90	1	0.0951	40	0	0
10	24	216	225	89.80	1018.90	9146.59	11842.50	1	0.0948	40	0	0
11	24	216	226	99.78	1018.90	9140.20	11850.20	1	0.0971	40	0	0
12	24	216	227	109.98	1018.90	9133.29	11857.79	1	0.1005	40	0	0
13	24	216	228	119.89	1018.90	9125.59	11864.40	1	0.1025	40	0	0
14	24	216	229	129.35	1018.79	9117.29	11869.90	1	0.1015	40	0	0
15	24	216	230	139.02	1018.90	9108.90	11875.50	1	0.1061	40	0	0
16	24	216	231	148.67	1019.00	9100.50	11881.00	1	0.1061	40	0	0
17	24	216	232	158.38	1019.00	9092.09	11886.50	1	0.1095	40	0	0
18	24	216	233	167.97	1019.00	9083.79	11891.90	1	0.1128	40	0	0
19	24	216	234	177.67	1019.00	9075.50	11897.40	1	0.1165	40	0	0
20	24	216	235	187.47	1018.90	9067.20	11903.00	1	0.1182	40	0	0
21	24	216	236	197.37	1018.90	9058.70	11908.50	1	0.1208	40	0	0
22	24	216	237	207.15	1019.00	9050.09	11913.70	1	0.1225	40	0	0
23	24	216	238	217.00	1018.90	9042.00	11919.50	1	0.1228	40	0	0
24	24	216	239	226.92	1019.00	9034.29	11925.79	1	0.1232	40	0	0
25	24	216	240	237.03	1019.00	9027.20	11933.00	1	0.1262	40	0	0
26	24	216	241	246.67	1018.90	9021.90	11941.40	1	0.1302	40	0	0
27	24	216	242	255.14	1019.00	9019.70	11951.20	1	0.1332	40	0	0
28	24	216	243	262.29	1019.20	9019.90	11961.29	1	0.1318	40	0	0
29	24	216	244	269.57	1019.20	9020.09	11971.29	1	0.1362	40	0	0
30	24	216	245	276.40	1019.09	9021.00	11981.09	1	0.1415	40	0	0
31	24	216	246	282.87	1019.00	9022.90	11991.00	1	0.1432	40	0	0
32	24	216	247	289.79	1019.00	9024.40	12000.90	1	0.1465	40	0	0
33	24	216	248	297.52	1018.90	9024.79	12010.79	1	0.1469	40	0	0
34	24	216	249	306.31	1018.79	9023.70	12020.79	1	0.1512	40	0	0
35	24	216	250	315.48	1018.79	9021.50	12030.40	1	0.1532	40	0	0
36	24	216	251	325.31	1019.00	9018.00	12039.90	1	0.0000	40	0	0
37	24	216	252	335.21	1019.20	9012.90	12048.40	1	0.1589	40	0	0
38	24	216	253	345.50	1019.20	9007.70	12057.29	1	0.1592	40	0	0
39	24	216	254	355.15	1019.29	9002.29	12065.29	1	0.1575	40	0	0
40	24	216	255	365.42	1019.29	8996.70	12073.90	1	0.1605	40	0	0
41	24	216	256	375.32	1019.20	8991.29	12082.20	1	0.1619	40	0	0
42	24	216	257	385.27	1019.00	8985.50	12090.29	1	0.1649	40	0	0
43	24	216	258	395.20	1018.79	8979.59	12098.29	1	0.1689	40	0	0
44	24	216	259	405.12	1018.59	8973.70	12106.29	1	0.1696	40	0	0
45	24	216	260	415.09	1018.50	8967.29	12114.00	1	0.1732	40	0	0
46	24	216	261	425.23	1018.50	8960.29	12121.50	1	0.1739	40	0	0
47	24	216	262	434.70	1018.40	8952.70	12127.79	1	0.1776	40	0	0
48	24	216	263	444.47	1018.50	8944.79	12134.20	1	0.0000	40	0	0

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hg28.txt

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PARTIAL SEG Y HEADER DUMP

hg28.seg

```

Length = 1000 samples      Shot Elevation = 1017.8
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 9205.79
High Cut Filter = 1000 Hz. Shot Y-COORD = 11670.00
Line ID: HGM1             Shot Date (year.moday) = 1994.0517
Shot Orientation:         Shot Time (hr:min) = 09:45
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	25	206	216	100.64	1019.00	9201.00	11770.50	1	0.0948	40	0	0
2	25	206	217	109.90	1019.09	9196.70	11779.50	1	0.0958	40	0	0
3	25	206	218	118.84	1019.20	9191.09	11787.90	1	0.1028	40	0	0
4	25	206	219	127.78	1019.20	9185.20	11796.09	1	0.1028	40	0	0
5	25	206	220	136.53	1019.29	9178.70	11803.79	1	0.1055	40	0	0
6	25	206	221	145.47	1019.40	9172.50	11811.59	1	0.1081	40	0	0
7	25	206	222	154.58	1019.29	9166.20	11819.40	1	0.1115	40	0	0
8	25	206	223	163.81	1019.29	9159.79	11827.20	1	0.1148	40	0	0
9	25	206	224	173.10	1019.09	9153.20	11834.90	1	0.1212	40	0	0
10	25	206	225	182.39	1018.90	9146.59	11842.50	1	0.1192	40	0	0
11	25	206	226	191.78	1018.90	9140.20	11850.20	1	0.1198	40	0	0
12	25	206	227	201.31	1018.90	9133.29	11857.79	1	0.1228	40	0	0
13	25	206	228	210.30	1018.90	9125.59	11864.40	1	0.1252	40	0	0
14	25	206	229	218.62	1018.79	9117.29	11869.90	1	0.1232	40	0	0
15	25	206	230	227.21	1018.90	9108.90	11875.50	1	0.1258	40	0	0
16	25	206	231	235.82	1019.00	9100.50	11881.00	1	0.1255	40	0	0
17	25	206	232	244.55	1019.00	9092.09	11886.50	1	0.1285	40	0	0
18	25	206	233	253.24	1019.00	9083.79	11891.90	1	0.1325	40	0	0
19	25	206	234	262.09	1019.00	9075.50	11897.40	1	0.1352	40	0	0
20	25	206	235	271.11	1018.90	9067.20	11903.00	1	0.1365	40	0	0
21	25	206	236	280.22	1018.90	9058.70	11908.50	1	0.1389	40	0	0
22	25	206	237	289.20	1019.00	9050.09	11913.70	1	0.1399	40	0	0
23	25	206	238	298.47	1018.90	9042.00	11919.50	1	0.1412	40	0	0
24	25	206	239	307.97	1019.00	9034.29	11925.79	1	0.1402	40	0	0
25	25	206	240	317.91	1019.00	9027.20	11933.00	1	0.1432	40	0	0
26	25	206	241	327.84	1018.90	9021.90	11941.40	1	0.1492	40	0	0
27	25	206	242	337.21	1019.00	9019.70	11951.20	1	0.0000	40	0	0
28	25	206	243	345.56	1019.20	9019.90	11961.29	1	0.1509	40	0	0
29	25	206	244	353.93	1019.20	9020.09	11971.29	1	0.1552	40	0	0
30	25	206	245	361.84	1019.09	9021.00	11981.09	1	0.1595	40	0	0
31	25	206	246	369.45	1019.00	9022.90	11991.00	1	0.1622	40	0	0
32	25	206	247	377.36	1019.00	9024.40	12000.90	1	0.1656	40	0	0
33	25	206	248	385.88	1018.90	9024.79	12010.79	1	0.1669	40	0	0
34	25	206	249	395.24	1018.79	9023.70	12020.79	1	0.1692	40	0	0
35	25	206	250	404.79	1018.79	9021.50	12030.40	1	0.1709	40	0	0
36	25	206	251	414.84	1019.00	9018.00	12039.90	1	0.1789	40	0	0
37	25	206	252	424.73	1019.20	9012.90	12048.40	1	0.1816	40	0	0
38	25	206	253	435.02	1019.20	9007.70	12057.29	1	0.1789	40	0	0
39	25	206	254	444.60	1019.29	9002.29	12065.29	1	0.1789	40	0	0
40	25	206	255	454.82	1019.29	8996.70	12073.90	1	0.1842	40	0	0
41	25	206	256	464.68	1019.20	8991.29	12082.20	1	0.0000	40	0	0
42	25	206	257	474.53	1019.00	8985.50	12090.29	1	0.1856	40	0	0
43	25	206	258	484.36	1018.79	8979.59	12098.29	1	0.1893	40	0	0
44	25	206	259	494.18	1018.59	8973.70	12106.29	1	0.1883	40	0	0
45	25	206	260	504.01	1018.50	8967.29	12114.00	1	0.0000	40	0	0
46	25	206	261	513.93	1018.50	8960.29	12121.50	1	0.0000	40	0	0
47	25	206	262	523.10	1018.40	8952.70	12127.79	1	0.0000	40	0	0
48	25	206	263	532.55	1018.50	8944.79	12134.20	1	0.0000	40	0	0

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hg29.txt

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PARTIAL SEG Y HEADER DUMP

hg29.seg

```

Length = 1000 samples      Shot Elevation = 1017.5
Sample Interval = 0.00050 sec.  Shot Depth = 1.0
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 9023.90
High Cut Filter = 1000 Hz.   Shot Y-COORD = 11930.50
Line ID: HGM1              Shot Date (year.moday) = 1994.0517
Shot Orientation:          Shot Time (hr:min) = 10:03
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	26	240	216	238.68	1019.00	9201.00	11770.50	1	0.1255	40	0	0
2	26	240	217	229.49	1019.09	9196.70	11779.50	1	0.1212	40	0	0
3	26	240	218	219.76	1019.20	9191.09	11787.90	1	0.1218	40	0	0
4	26	240	219	209.98	1019.20	9185.20	11796.09	1	0.1188	40	0	0
5	26	240	220	200.07	1019.29	9178.70	11803.79	1	0.1148	40	0	0
6	26	240	221	190.34	1019.40	9172.50	11811.59	1	0.1115	40	0	0
7	26	240	222	180.56	1019.29	9166.20	11819.40	1	0.1111	40	0	0
8	26	240	223	170.72	1019.29	9159.79	11827.20	1	0.0000	40	0	0
9	26	240	224	160.82	1019.09	9153.20	11834.90	1	0.1095	40	0	0
10	26	240	225	151.00	1018.90	9146.59	11842.50	1	0.1025	40	0	0
11	26	240	226	141.35	1018.90	9140.20	11850.20	1	0.0988	40	0	0
12	26	240	227	131.37	1018.90	9133.29	11857.79	1	0.0971	40	0	0
13	26	240	228	121.31	1018.90	9125.59	11864.40	1	0.0928	40	0	0
14	26	240	229	111.35	1018.79	9117.29	11869.90	1	0.0871	40	0	0
15	26	240	230	101.27	1018.90	9108.90	11875.50	1	0.0868	40	0	0
16	26	240	231	91.24	1019.00	9100.50	11881.00	1	0.0811	40	0	0
17	26	240	232	81.19	1019.00	9092.09	11886.50	1	0.0808	40	0	0
18	26	240	233	71.29	1019.00	9083.79	11891.90	1	0.0801	40	0	0
19	26	240	234	61.35	1019.00	9075.50	11897.40	1	0.0778	40	0	0
20	26	240	235	51.35	1018.90	9067.20	11903.00	1	0.0734	40	0	0
21	26	240	236	41.24	1018.90	9058.70	11908.50	1	0.0634	40	0	0
22	26	240	237	31.21	1019.00	9050.09	11913.70	1	0.0524	40	0	0
23	26	240	238	21.32	1018.90	9042.00	11919.50	1	0.0354	40	0	0
24	26	240	239	11.68	1019.00	9034.29	11925.79	1	0.0174	40	0	0
25	26	240	240	4.84	1019.00	9027.20	11933.00	1	0.0113	40	0	0
26	26	240	241	11.34	1018.90	9021.90	11941.40	1	0.0187	40	0	0
27	26	240	242	21.27	1019.00	9019.70	11951.20	1	0.0347	40	0	0
28	26	240	243	31.17	1019.20	9019.90	11961.29	1	0.0444	40	0	0
29	26	240	244	41.06	1019.20	9020.09	11971.29	1	0.0587	40	0	0
30	26	240	245	50.74	1019.09	9021.00	11981.09	1	0.0671	40	0	0
31	26	240	246	60.56	1019.00	9022.90	11991.00	1	0.0794	40	0	0
32	26	240	247	70.45	1019.00	9024.40	12000.90	1	0.0821	40	0	0
33	26	240	248	80.33	1018.90	9024.79	12010.79	1	0.0844	40	0	0
34	26	240	249	90.32	1018.79	9023.70	12020.79	1	0.0881	40	0	0
35	26	240	250	99.96	1018.79	9021.50	12030.40	1	0.0911	40	0	0
36	26	240	251	109.59	1019.00	9018.00	12039.90	1	0.0985	40	0	0
37	26	240	252	118.44	1019.20	9012.90	12048.40	1	0.0995	40	0	0
38	26	240	253	127.85	1019.20	9007.70	12057.29	1	0.0988	40	0	0
39	26	240	254	136.54	1019.29	9002.29	12065.29	1	0.1008	40	0	0
40	26	240	255	145.98	1019.29	8996.70	12073.90	1	0.1021	40	0	0
41	26	240	256	155.19	1019.20	8991.29	12082.20	1	0.1058	40	0	0
42	26	240	257	164.36	1019.00	8985.50	12090.29	1	0.1071	40	0	0
43	26	240	258	173.56	1018.79	8979.59	12098.29	1	0.1088	40	0	0
44	26	240	259	182.83	1018.59	8973.70	12106.29	1	0.1101	40	0	0
45	26	240	260	192.04	1018.50	8967.29	12114.00	1	0.1108	40	0	0
46	26	240	261	201.32	1018.50	8960.29	12121.50	1	0.1152	40	0	0
47	26	240	262	209.75	1018.40	8952.70	12127.79	1	0.1222	40	0	0
48	26	240	263	218.53	1018.50	8944.79	12134.20	1	0.1255	40	0	0

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hg30.txt

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PARTIAL SEG Y HEADER DUMP

hg30.seg

```

Length = 1000 samples      Shot Elevation = 1017.8
Sample Interval = 0.00050 sec.  Shot Depth = 1.0
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 8943.50
High Cut Filter = 1000 Hz.    Shot Y-COORD = 12132.50
Line ID: HGM1                Shot Date (year.moday) = 1994.0517
Shot Orientation:            Shot Time (hr:min) = 10:20
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	27	263	216	444.25	1019.00	9201.00	11770.50	1	0.1893	40	0	0
2	27	263	217	434.42	1019.09	9196.70	11779.50	1	0.1822	40	0	0
3	27	263	218	424.33	1019.20	9191.09	11787.90	1	0.0000	40	0	0
4	27	263	219	414.24	1019.20	9185.20	11796.09	1	0.1789	40	0	0
5	27	263	220	404.20	1019.29	9178.70	11803.79	1	0.1762	40	0	0
6	27	263	221	394.25	1019.40	9172.50	11811.59	1	0.0000	40	0	0
7	27	263	222	384.23	1019.29	9166.20	11819.40	1	0.1682	40	0	0
8	27	263	223	374.16	1019.29	9159.79	11827.20	1	0.0000	40	0	0
9	27	263	224	364.07	1019.09	9153.20	11834.90	1	0.1656	40	0	0
10	27	263	225	354.05	1018.90	9146.59	11842.50	1	0.1639	40	0	0
11	27	263	226	344.08	1018.90	9140.20	11850.20	1	0.1585	40	0	0
12	27	263	227	333.90	1018.90	9133.29	11857.79	1	0.1575	40	0	0
13	27	263	228	324.10	1018.90	9125.59	11864.40	1	0.1542	40	0	0
14	27	263	229	314.91	1018.79	9117.29	11869.90	1	0.1485	40	0	0
15	27	263	230	305.63	1018.90	9108.90	11875.50	1	0.1485	40	0	0
16	27	263	231	296.49	1019.00	9100.50	11881.00	1	0.1435	40	0	0
17	27	263	232	287.40	1019.00	9092.09	11886.50	1	0.1435	40	0	0
18	27	263	233	278.52	1019.00	9083.79	11891.90	1	0.1422	40	0	0
19	27	263	234	269.63	1019.00	9075.50	11897.40	1	0.1412	40	0	0
20	27	263	235	260.72	1018.90	9067.20	11903.00	1	0.1379	40	0	0
21	27	263	236	251.90	1018.90	9058.70	11908.50	1	0.1365	40	0	0
22	27	263	237	243.39	1019.00	9050.09	11913.70	1	0.1338	40	0	0
23	27	263	238	234.68	1018.90	9042.00	11919.50	1	0.1308	40	0	0
24	27	263	239	225.78	1019.00	9034.29	11925.79	1	0.1255	40	0	0
25	27	263	240	216.36	1019.00	9027.20	11933.00	1	0.1255	40	0	0
26	27	263	241	206.57	1018.90	9021.90	11941.40	1	0.1252	40	0	0
27	27	263	242	196.67	1019.00	9019.70	11951.20	1	0.1242	40	0	0
28	27	263	243	187.50	1019.20	9019.90	11961.29	1	0.1185	40	0	0
29	27	263	244	178.49	1019.20	9020.09	11971.29	1	0.1198	40	0	0
30	27	263	245	170.11	1019.09	9021.00	11981.09	1	0.1192	40	0	0
31	27	263	246	162.27	1019.00	9022.90	11991.00	1	0.1155	40	0	0
32	27	263	247	154.49	1019.00	9024.40	12000.90	1	0.1135	40	0	0
33	27	263	248	146.38	1018.90	9024.79	12010.79	1	0.1098	40	0	0
34	27	263	249	137.53	1018.79	9023.70	12020.79	1	0.1081	40	0	0
35	27	263	250	128.50	1018.79	9021.50	12030.40	1	0.1055	40	0	0
36	27	263	251	118.87	1019.00	9018.00	12039.90	1	0.1035	40	0	0
37	27	263	252	109.06	1019.20	9012.90	12048.40	1	0.1011	40	0	0
38	27	263	253	98.91	1019.20	9007.70	12057.29	1	0.0961	40	0	0
39	27	263	254	89.33	1019.29	9002.29	12065.29	1	0.0898	40	0	0
40	27	263	255	79.19	1019.29	8996.70	12073.90	1	0.0868	40	0	0
41	27	263	256	69.42	1019.20	8991.29	12082.20	1	0.0854	40	0	0
42	27	263	257	59.59	1019.00	8985.50	12090.29	1	0.0731	40	0	0
43	27	263	258	49.77	1018.79	8979.59	12098.29	1	0.0704	40	0	0
44	27	263	259	40.03	1018.59	8973.70	12106.29	1	0.0514	40	0	0
45	27	263	260	30.19	1018.50	8967.29	12114.00	1	0.0380	40	0	0
46	27	263	261	20.15	1018.50	8960.29	12121.50	1	0.0274	40	0	0
47	27	263	262	10.46	1018.40	8952.70	12127.79	1	0.0164	40	0	0
48	27	263	263	2.73	1018.50	8944.79	12134.20	1	0.0097	40	0	0

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hg31.txt

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PARTIAL SEG Y HEADER DUMP

hg31.seg

```

Length = 1000 samples      Shot Elevation = 1017.3
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 8863.09
High Cut Filter = 1000 Hz. Shot Y-COORD = 12192.20
Line ID: HGM1             Shot Date (year.moday) = 1994.0517
Shot Orientation:         Shot Time (hr:min) = 10:31
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	28	273	216	540.39	1019.00	9201.00	11770.50	1	0.2103	40	0	0
2	28	273	217	530.68	1019.09	9196.70	11779.50	1	0.2096	40	0	0
3	28	273	218	520.63	1019.20	9191.09	11787.90	1	0.2086	40	0	0
4	28	273	219	510.56	1019.20	9185.20	11796.09	1	0.2003	40	0	0
5	28	273	220	500.48	1019.29	9178.70	11803.79	1	0.0000	40	0	0
6	28	273	221	490.52	1019.40	9172.50	11811.59	1	0.0000	40	0	0
7	28	273	222	480.48	1019.29	9166.20	11819.40	1	0.0000	40	0	0
8	28	273	223	470.39	1019.29	9159.79	11827.20	1	0.0000	40	0	0
9	28	273	224	460.26	1019.09	9153.20	11834.90	1	0.0000	40	0	0
10	28	273	225	450.19	1018.90	9146.59	11842.50	1	0.1812	40	0	0
11	28	273	226	440.18	1018.90	9140.20	11850.20	1	0.1772	40	0	0
12	28	273	227	429.94	1018.90	9133.29	11857.79	1	0.1759	40	0	0
13	28	273	228	419.96	1018.90	9125.59	11864.40	1	0.1759	40	0	0
14	28	273	229	410.49	1018.79	9117.29	11869.90	1	0.1702	40	0	0
15	28	273	230	400.91	1018.90	9108.90	11875.50	1	0.1699	40	0	0
16	28	273	231	391.43	1019.00	9100.50	11881.00	1	0.1662	40	0	0
17	28	273	232	381.97	1019.00	9092.09	11886.50	1	0.1622	40	0	0
18	28	273	233	372.69	1019.00	9083.79	11891.90	1	0.1619	40	0	0
19	28	273	234	363.36	1019.00	9075.50	11897.40	1	0.1595	40	0	0
20	28	273	235	353.98	1018.90	9067.20	11903.00	1	0.1579	40	0	0
21	28	273	236	344.61	1018.90	9058.70	11908.50	1	0.1552	40	0	0
22	28	273	237	335.47	1019.00	9050.09	11913.70	1	0.1529	40	0	0
23	28	273	238	326.16	1018.90	9042.00	11919.50	1	0.0000	40	0	0
24	28	273	239	316.69	1019.00	9034.29	11925.79	1	0.0000	40	0	0
25	28	273	240	306.80	1019.00	9027.20	11933.00	1	0.0000	40	0	0
26	28	273	241	296.86	1018.90	9021.90	11941.40	1	0.0000	40	0	0
27	28	273	242	287.43	1019.00	9019.70	11951.20	1	0.0000	40	0	0
28	28	273	243	279.14	1019.20	9019.90	11961.29	1	0.1382	40	0	0
29	28	273	244	271.03	1019.20	9020.09	11971.29	1	0.1392	40	0	0
30	28	273	245	263.65	1019.09	9021.00	11981.09	1	0.1389	40	0	0
31	28	273	246	256.96	1019.00	9022.90	11991.00	1	0.1362	40	0	0
32	28	273	247	250.25	1019.00	9024.40	12000.90	1	0.1352	40	0	0
33	28	273	248	243.03	1018.90	9024.79	12010.79	1	0.1305	40	0	0
34	28	273	249	234.91	1018.79	9023.70	12020.79	1	0.1305	40	0	0
35	28	273	250	226.45	1018.79	9021.50	12030.40	1	0.1268	40	0	0
36	28	273	251	217.25	1019.00	9018.00	12039.90	1	0.1252	40	0	0
37	28	273	252	207.68	1019.20	9012.90	12048.40	1	0.1232	40	0	0
38	28	273	253	197.79	1019.20	9007.70	12057.29	1	0.1178	40	0	0
39	28	273	254	188.39	1019.29	9002.29	12065.29	1	0.1135	40	0	0
40	28	273	255	178.48	1019.29	8996.70	12073.90	1	0.1095	40	0	0
41	28	273	256	168.95	1019.20	8991.29	12082.20	1	0.1091	40	0	0
42	28	273	257	159.30	1019.00	8985.50	12090.29	1	0.1068	40	0	0
43	28	273	258	149.66	1018.79	8979.59	12098.29	1	0.1035	40	0	0
44	28	273	259	140.07	1018.59	8973.70	12106.29	1	0.1008	40	0	0
45	28	273	260	130.30	1018.50	8967.29	12114.00	1	0.0000	40	0	0
46	28	273	261	120.21	1018.50	8960.29	12121.50	1	0.0000	40	0	0
47	28	273	262	110.38	1018.40	8952.70	12127.79	1	0.0000	40	0	0
48	28	273	263	100.22	1018.50	8944.79	12134.20	1	0.0978	40	0	0

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hg32.txt

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PARTIAL SEG Y HEADER DUMP

hg32.seg

```

Length = 1000 samples      Shot Elevation = 1017.4
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 8935.29
High Cut Filter = 1000 Hz. Shot Y-COORD = 12138.29
Line ID: HGM1             Shot Date (year.moday) = 1994.0517
Shot Orientation:         Shot Time (hr:min) = 11:43
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	29	264	264	3.17	1018.59	8936.70	12140.09	1	0.0100	40	0	0
2	29	264	265	10.36	1018.50	8928.70	12146.00	1	0.0157	40	0	0
3	29	264	266	20.00	1018.50	8920.79	12151.90	1	0.0304	40	0	0
4	29	264	267	30.00	1018.50	8912.59	12157.79	1	0.0424	40	0	0
5	29	264	268	39.86	1018.50	8904.90	12164.00	1	0.0551	40	0	0
6	29	264	269	49.92	1018.40	8896.79	12170.00	1	0.0661	40	0	0
7	29	264	270	59.85	1018.40	8889.09	12176.29	1	0.0761	40	0	0
8	29	264	271	69.89	1018.40	8880.79	12182.00	1	0.0821	40	0	0
9	29	264	272	79.92	1018.29	8872.50	12187.70	1	0.0844	40	0	0
10	29	264	273	89.94	1018.20	8864.70	12194.00	1	0.0000	40	0	0
11	29	264	274	99.97	1018.29	8856.59	12199.90	1	0.0898	40	0	0
12	29	264	275	108.02	1018.50	8849.50	12203.90	1	0.0938	40	0	0
13	29	264	276	120.01	1018.50	8840.29	12211.59	1	0.0988	40	0	0
14	29	264	277	129.95	1018.40	8832.90	12218.29	1	0.0961	40	0	0
15	29	264	278	139.90	1018.50	8825.29	12224.70	1	0.0991	40	0	0
16	29	264	279	150.31	1018.50	8817.00	12231.00	1	0.1038	40	0	0
17	29	264	280	159.63	1018.50	8811.29	12238.79	1	0.1085	40	0	0
18	29	264	281	168.60	1018.50	8807.29	12248.00	1	0.1085	40	0	0
19	29	264	282	176.67	1018.50	8805.29	12257.90	1	0.1081	40	0	0
20	29	264	283	183.15	1018.50	8805.70	12267.70	1	0.1142	40	0	0
21	29	264	284	189.13	1018.40	8807.50	12277.70	1	0.1185	40	0	0
22	29	264	285	194.63	1018.29	8810.09	12287.29	1	0.1172	40	0	0
23	29	264	286	200.35	1018.20	8814.20	12297.90	1	0.1178	40	0	0
24	29	264	287	207.20	1018.20	8816.00	12307.70	1	0.1198	40	0	0
25	29	264	288	215.13	1018.29	8816.29	12317.50	1	0.1228	40	0	0
26	29	264	289	224.47	1018.40	8814.20	12327.29	1	0.1212	40	0	0
27	29	264	290	234.20	1018.40	8811.20	12336.90	1	0.1235	40	0	0
28	29	264	291	244.20	1018.40	8806.90	12346.00	1	0.1265	40	0	0
29	29	264	292	254.24	1018.40	8802.20	12354.90	1	0.1278	40	0	0
30	29	264	293	264.22	1018.40	8796.79	12363.29	1	0.1312	40	0	0
31	29	264	294	274.16	1018.29	8791.00	12371.40	1	0.0000	40	0	0
32	29	264	295	284.06	1018.20	8784.79	12379.20	1	0.1342	40	0	0
33	29	264	296	293.83	1018.09	8778.50	12386.79	1	0.1362	40	0	0
34	29	264	297	303.81	1018.00	8771.70	12394.29	1	0.1389	40	0	0
35	29	264	298	313.44	1018.00	8764.79	12401.29	1	0.1422	40	0	0
36	29	264	299	323.32	1018.00	8757.29	12408.20	1	0.1445	40	0	0
37	29	264	300	332.94	1018.00	8749.40	12414.50	1	0.1485	40	0	0
38	29	264	301	342.60	1018.00	8741.90	12421.09	1	0.1525	40	0	0
39	29	264	302	352.49	1018.00	8734.79	12428.20	1	0.1562	40	0	0
40	29	264	303	362.28	1018.00	8727.00	12434.70	1	0.1609	40	0	0
41	29	264	304	371.83	1018.00	8719.50	12441.09	1	0.1615	40	0	0
42	29	264	305	381.54	1018.00	8711.90	12447.59	1	0.1619	40	0	0
43	29	264	306	391.32	1018.00	8704.09	12454.00	1	0.1629	40	0	0
44	29	264	307	400.90	1017.90	8696.20	12460.09	1	0.1619	40	0	0
45	29	264	308	410.53	1017.79	8688.29	12466.20	1	0.1669	40	0	0
46	29	264	309	419.99	1017.79	8680.29	12472.00	1	0.1699	40	0	0
47	29	264	310	429.42	1017.90	8672.09	12477.59	1	0.0000	40	0	0
48	29	264	311	439.02	1018.00	8663.79	12483.29	1	0.0000	40	0	0

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hg33.txt

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PARTIAL SEG Y HEADER DUMP

hg33.seg

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Length = 1000 samples      Shot Elevation = 1017.5
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 8998.40
High Cut Filter = 1000 Hz. Shot Y-COORD = 12063.09
Line ID: HGM1             Shot Date (year.moday) = 1994.0517
Shot Orientation:         Shot Time (hr:min) = 11:53
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	30	254	264	98.69	1018.59	8936.70	12140.09	1	0.0895	40	0	0
2	30	254	265	108.33	1018.50	8928.70	12146.00	1	0.0878	40	0	0
3	30	254	266	117.96	1018.50	8920.79	12151.90	1	0.0928	40	0	0
4	30	254	267	127.81	1018.50	8912.59	12157.79	1	0.0951	40	0	0
5	30	254	268	137.58	1018.50	8904.90	12164.00	1	0.0991	40	0	0
6	30	254	269	147.51	1018.40	8896.79	12170.00	1	0.0975	40	0	0
7	30	254	270	157.37	1018.40	8889.09	12176.29	1	0.0985	40	0	0
8	30	254	271	167.26	1018.40	8880.79	12182.00	1	0.1041	40	0	0
9	30	254	272	177.15	1018.29	8872.50	12187.70	1	0.1065	40	0	0
10	30	254	273	187.13	1018.20	8864.70	12194.00	1	0.0000	40	0	0
11	30	254	274	197.05	1018.29	8856.59	12199.90	1	0.1111	40	0	0
12	30	254	275	204.95	1018.50	8849.50	12203.90	1	0.1148	40	0	0
13	30	254	276	216.92	1018.50	8840.29	12211.59	1	0.1218	40	0	0
14	30	254	277	226.89	1018.40	8832.90	12218.29	1	0.1182	40	0	0
15	30	254	278	236.83	1018.50	8825.29	12224.70	1	0.1202	40	0	0
16	30	254	279	247.19	1018.50	8817.00	12231.00	1	0.1255	40	0	0
17	30	254	280	256.68	1018.50	8811.29	12238.79	1	0.1295	40	0	0
18	30	254	281	265.93	1018.50	8807.29	12248.00	1	0.1292	40	0	0
19	30	254	282	274.31	1018.50	8805.29	12257.90	1	0.1285	40	0	0
20	30	254	283	281.07	1018.50	8805.70	12267.70	1	0.1348	40	0	0
21	30	254	284	287.24	1018.40	8807.50	12277.70	1	0.1372	40	0	0
22	30	254	285	292.80	1018.29	8810.09	12287.29	1	0.1358	40	0	0
23	30	254	286	298.44	1018.20	8814.20	12297.90	1	0.1368	40	0	0
24	30	254	287	305.13	1018.20	8816.00	12307.70	1	0.1382	40	0	0
25	30	254	288	312.88	1018.29	8816.29	12317.50	1	0.1412	40	0	0
26	30	254	289	322.08	1018.40	8814.20	12327.29	1	0.1392	40	0	0
27	30	254	290	331.69	1018.40	8811.20	12336.90	1	0.1409	40	0	0
28	30	254	291	341.63	1018.40	8806.90	12346.00	1	0.1439	40	0	0
29	30	254	292	351.64	1018.40	8802.20	12354.90	1	0.1455	40	0	0
30	30	254	293	361.62	1018.40	8796.79	12363.29	1	0.1495	40	0	0
31	30	254	294	371.58	1018.29	8791.00	12371.40	1	0.1495	40	0	0
32	30	254	295	381.52	1018.20	8784.79	12379.20	1	0.1519	40	0	0
33	30	254	296	391.33	1018.09	8778.50	12386.79	1	0.1542	40	0	0
34	30	254	297	401.36	1018.00	8771.70	12394.29	1	0.1572	40	0	0
35	30	254	298	411.04	1018.00	8764.79	12401.29	1	0.1599	40	0	0
36	30	254	299	421.00	1018.00	8757.29	12408.20	1	0.1642	40	0	0
37	30	254	300	430.69	1018.00	8749.40	12414.50	1	0.1679	40	0	0
38	30	254	301	440.41	1018.00	8741.90	12421.09	1	0.1716	40	0	0
39	30	254	302	450.33	1018.00	8734.79	12428.20	1	0.1732	40	0	0
40	30	254	303	460.17	1018.00	8727.00	12434.70	1	0.1799	40	0	0
41	30	254	304	469.76	1018.00	8719.50	12441.09	1	0.1806	40	0	0
42	30	254	305	479.50	1018.00	8711.90	12447.59	1	0.1806	40	0	0
43	30	254	306	489.32	1018.00	8704.09	12454.00	1	0.1839	40	0	0
44	30	254	307	498.93	1017.90	8696.20	12460.09	1	0.0000	40	0	0
45	30	254	308	508.59	1017.79	8688.29	12466.20	1	0.1869	40	0	0
46	30	254	309	518.08	1017.79	8680.29	12472.00	1	0.1872	40	0	0
47	30	254	310	527.53	1017.90	8672.09	12477.59	1	0.0000	40	0	0
48	30	254	311	537.15	1018.00	8663.79	12483.29	1	0.0000	40	0	0

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hg34.txt

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PARTIAL SEG Y HEADER DUMP

hg34.seg

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Length = 1000 samples      Shot Elevation = 1017.3
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 8814.59
High Cut Filter = 1000 Hz. Shot Y-COORD = 12317.50
Line ID: HGM1             Shot Date (year.moday) = 1994.0517
Shot Orientation:         Shot Time (hr:min) = 12:12
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	31	288	264	215.38	1018.59	8936.70	12140.09	1	0.1232	40	0	0
2	31	288	265	206.01	1018.50	8928.70	12146.00	1	0.1155	40	0	0
3	31	288	266	196.74	1018.50	8920.79	12151.90	1	0.1162	40	0	0
4	31	288	267	187.39	1018.50	8912.59	12157.79	1	0.1158	40	0	0
5	31	288	268	178.11	1018.50	8904.90	12164.00	1	0.1142	40	0	0
6	31	288	269	168.87	1018.40	8896.79	12170.00	1	0.1095	40	0	0
7	31	288	270	159.67	1018.40	8889.09	12176.29	1	0.0991	40	0	0
8	31	288	271	150.82	1018.40	8880.79	12182.00	1	0.1001	40	0	0
9	31	288	272	142.15	1018.29	8872.50	12187.70	1	0.0988	40	0	0
10	31	288	273	133.29	1018.20	8864.70	12194.00	1	0.1008	40	0	0
11	31	288	274	124.89	1018.29	8856.59	12199.90	1	0.0961	40	0	0
12	31	288	275	118.86	1018.50	8849.50	12203.90	1	0.0951	40	0	0
13	31	288	276	109.01	1018.50	8840.29	12211.59	1	0.0938	40	0	0
14	31	288	277	100.91	1018.40	8832.90	12218.29	1	0.0864	40	0	0
15	31	288	278	93.44	1018.50	8825.29	12224.70	1	0.0851	40	0	0
16	31	288	279	86.56	1018.50	8817.00	12231.00	1	0.0831	40	0	0
17	31	288	280	78.81	1018.50	8811.29	12238.79	1	0.0821	40	0	0
18	31	288	281	69.92	1018.50	8807.29	12248.00	1	0.0758	40	0	0
19	31	288	282	60.36	1018.50	8805.29	12257.90	1	0.0708	40	0	0
20	31	288	283	50.64	1018.50	8805.70	12267.70	1	0.0724	40	0	0
21	31	288	284	40.48	1018.40	8807.50	12277.70	1	0.0691	40	0	0
22	31	288	285	30.61	1018.29	8810.09	12287.29	1	0.0527	40	0	0
23	31	288	286	19.70	1018.20	8814.20	12297.90	1	0.0340	40	0	0
24	31	288	287	10.08	1018.20	8816.00	12307.70	1	0.0140	40	0	0
25	31	288	288	2.63	1018.29	8816.29	12317.50	1	0.0110	40	0	0
26	31	288	289	10.02	1018.40	8814.20	12327.29	1	0.0170	40	0	0
27	31	288	290	19.81	1018.40	8811.20	12336.90	1	0.0264	40	0	0
28	31	288	291	29.59	1018.40	8806.90	12346.00	1	0.0337	40	0	0
29	31	288	292	39.46	1018.40	8802.20	12354.90	1	0.0514	40	0	0
30	31	288	293	49.17	1018.40	8796.79	12363.29	1	0.0631	40	0	0
31	31	288	294	58.87	1018.29	8791.00	12371.40	1	0.0671	40	0	0
32	31	288	295	68.55	1018.20	8784.79	12379.20	1	0.0768	40	0	0
33	31	288	296	78.15	1018.09	8778.50	12386.79	1	0.0798	40	0	0
34	31	288	297	87.97	1018.00	8771.70	12394.29	1	0.0831	40	0	0
35	31	288	298	97.49	1018.00	8764.79	12401.29	1	0.0861	40	0	0
36	31	288	299	107.30	1018.00	8757.29	12408.20	1	0.0891	40	0	0
37	31	288	300	116.88	1018.00	8749.40	12414.50	1	0.0938	40	0	0
38	31	288	301	126.56	1018.00	8741.90	12421.09	1	0.0975	40	0	0
39	31	288	302	136.48	1018.00	8734.79	12428.20	1	0.1001	40	0	0
40	31	288	303	146.32	1018.00	8727.00	12434.70	1	0.1058	40	0	0
41	31	288	304	155.95	1018.00	8719.50	12441.09	1	0.1068	40	0	0
42	31	288	305	165.75	1018.00	8711.90	12447.59	1	0.1071	40	0	0
43	31	288	306	175.63	1018.00	8704.09	12454.00	1	0.1091	40	0	0
44	31	288	307	185.34	1017.90	8696.20	12460.09	1	0.1095	40	0	0
45	31	288	308	195.10	1017.79	8688.29	12466.20	1	0.1128	40	0	0
46	31	288	309	204.72	1017.79	8680.29	12472.00	1	0.1162	40	0	0
47	31	288	310	214.33	1017.90	8672.09	12477.59	1	0.0000	40	0	0
48	31	288	311	224.12	1018.00	8663.79	12483.29	1	0.0000	40	0	0

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hg36.txt

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PARTIAL SEG Y HEADER DUMP

hg36.seg

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Length = 1000 samples      Shot Elevation = 1017.1
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 8663.00
High Cut Filter = 1000 Hz. Shot Y-COORD = 12481.90
Line ID: HGM1             Shot Date (year.moday) = 1994.0517
Shot Orientation:         Shot Time (hr:min) = 12:30
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	32	311	264	437.90	1018.59	8936.70	12140.09	1	0.1782	40	0	0
2	32	311	265	428.29	1018.50	8928.70	12146.00	1	0.1706	40	0	0
3	32	311	266	418.76	1018.50	8920.79	12151.90	1	0.0000	40	0	0
4	32	311	267	409.08	1018.50	8912.59	12157.79	1	0.1682	40	0	0
5	32	311	268	399.48	1018.50	8904.90	12164.00	1	0.1676	40	0	0
6	32	311	269	389.80	1018.40	8896.79	12170.00	1	0.1666	40	0	0
7	32	311	270	380.16	1018.40	8889.09	12176.29	1	0.0000	40	0	0
8	32	311	271	370.65	1018.40	8880.79	12182.00	1	0.0000	40	0	0
9	32	311	272	361.18	1018.29	8872.50	12187.70	1	0.1539	40	0	0
10	32	311	273	351.53	1018.20	8864.70	12194.00	1	0.1509	40	0	0
11	32	311	274	342.06	1018.29	8856.59	12199.90	1	0.1462	40	0	0
12	32	311	275	334.77	1018.50	8849.50	12203.90	1	0.1465	40	0	0
13	32	311	276	323.27	1018.50	8840.29	12211.59	1	0.0000	40	0	0
14	32	311	277	313.63	1018.40	8832.90	12218.29	1	0.1395	40	0	0
15	32	311	278	304.13	1018.50	8825.29	12224.70	1	0.1355	40	0	0
16	32	311	279	294.40	1018.50	8817.00	12231.00	1	0.1335	40	0	0
17	32	311	280	284.78	1018.50	8811.29	12238.79	1	0.1335	40	0	0
18	32	311	281	274.84	1018.50	8807.29	12248.00	1	0.1272	40	0	0
19	32	311	282	265.38	1018.50	8805.29	12257.90	1	0.1245	40	0	0
20	32	311	283	257.39	1018.50	8805.70	12267.70	1	0.1255	40	0	0
21	32	311	284	250.17	1018.40	8807.50	12277.70	1	0.1262	40	0	0
22	32	311	285	243.95	1018.29	8810.09	12287.29	1	0.1235	40	0	0
23	32	311	286	238.16	1018.20	8814.20	12297.90	1	0.1228	40	0	0
24	32	311	287	231.86	1018.20	8816.00	12307.70	1	0.1212	40	0	0
25	32	311	288	224.79	1018.29	8816.29	12317.50	1	0.1215	40	0	0
26	32	311	289	216.27	1018.40	8814.20	12327.29	1	0.1172	40	0	0
27	32	311	290	207.35	1018.40	8811.20	12336.90	1	0.1152	40	0	0
28	32	311	291	197.94	1018.40	8806.90	12346.00	1	0.1125	40	0	0
29	32	311	292	188.44	1018.40	8802.20	12354.90	1	0.1105	40	0	0
30	32	311	293	178.81	1018.40	8796.79	12363.29	1	0.1095	40	0	0
31	32	311	294	169.11	1018.29	8791.00	12371.40	1	0.1055	40	0	0
32	32	311	295	159.33	1018.20	8784.79	12379.20	1	0.1025	40	0	0
33	32	311	296	149.63	1018.09	8778.50	12386.79	1	0.1001	40	0	0
34	32	311	297	139.62	1018.00	8771.70	12394.29	1	0.0971	40	0	0
35	32	311	298	129.86	1018.00	8764.79	12401.29	1	0.0941	40	0	0
36	32	311	299	119.69	1018.00	8757.29	12408.20	1	0.0941	40	0	0
37	32	311	300	109.60	1018.00	8749.40	12414.50	1	0.0918	40	0	0
38	32	311	301	99.63	1018.00	8741.90	12421.09	1	0.0878	40	0	0
39	32	311	302	89.67	1018.00	8734.79	12428.20	1	0.0844	40	0	0
40	32	311	303	79.55	1018.00	8727.00	12434.70	1	0.0848	40	0	0
41	32	311	304	69.72	1018.00	8719.50	12441.09	1	0.0798	40	0	0
42	32	311	305	59.77	1018.00	8711.90	12447.59	1	0.0768	40	0	0
43	32	311	306	49.70	1018.00	8704.09	12454.00	1	0.0731	40	0	0
44	32	311	307	39.76	1017.90	8696.20	12460.09	1	0.0624	40	0	0
45	32	311	308	29.82	1017.79	8688.29	12466.20	1	0.0491	40	0	0
46	32	311	309	20.00	1017.79	8680.29	12472.00	1	0.0314	40	0	0
47	32	311	310	10.22	1017.90	8672.09	12477.59	1	0.0140	40	0	0
48	32	311	311	2.49	1018.00	8663.79	12483.29	1	0.0097	40	0	0

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hg37.txt

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PARTIAL SEG Y HEADER DUMP

hg37.seg

```

Length = 1000 samples      Shot Elevation = 1016.8
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 8594.70
High Cut Filter = 1000 Hz. Shot Y-COORD = 12554.40
Line ID: HGM1             Shot Date (year.moday) = 1994.0517
Shot Orientation:         Shot Time (hr:min) = 12:38
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	33	321	264	537.24	1018.59	8936.70	12140.09	1	0.0000	40	0	0
2	33	321	265	527.59	1018.50	8928.70	12146.00	1	0.0000	40	0	0
3	33	321	266	518.02	1018.50	8920.79	12151.90	1	0.0000	40	0	0
4	33	321	267	508.29	1018.50	8912.59	12157.79	1	0.0000	40	0	0
5	33	321	268	498.64	1018.50	8904.90	12164.00	1	0.0000	40	0	0
6	33	321	269	488.91	1018.40	8896.79	12170.00	1	0.0000	40	0	0
7	33	321	270	479.21	1018.40	8889.09	12176.29	1	0.0000	40	0	0
8	33	321	271	469.61	1018.40	8880.79	12182.00	1	0.0000	40	0	0
9	33	321	272	460.05	1018.29	8872.50	12187.70	1	0.0000	40	0	0
10	33	321	273	450.33	1018.20	8864.70	12194.00	1	0.0000	40	0	0
11	33	321	274	440.75	1018.29	8856.59	12199.90	1	0.0000	40	0	0
12	33	321	275	433.34	1018.50	8849.50	12203.90	1	0.0000	40	0	0
13	33	321	276	421.71	1018.50	8840.29	12211.59	1	0.0000	40	0	0
14	33	321	277	411.97	1018.40	8832.90	12218.29	1	0.0000	40	0	0
15	33	321	278	402.34	1018.50	8825.29	12224.70	1	0.0000	40	0	0
16	33	321	279	392.44	1018.50	8817.00	12231.00	1	0.1562	40	0	0
17	33	321	280	382.79	1018.50	8811.29	12238.79	1	0.1555	40	0	0
18	33	321	281	372.94	1018.50	8807.29	12248.00	1	0.1495	40	0	0
19	33	321	282	363.69	1018.50	8805.29	12257.90	1	0.1452	40	0	0
20	33	321	283	355.99	1018.50	8805.70	12267.70	1	0.1469	40	0	0
21	33	321	284	349.08	1018.40	8807.50	12277.70	1	0.0000	40	0	0
22	33	321	285	343.14	1018.29	8810.09	12287.29	1	0.0000	40	0	0
23	33	321	286	337.61	1018.20	8814.20	12297.90	1	0.0000	40	0	0
24	33	321	287	331.42	1018.20	8816.00	12307.70	1	0.1432	40	0	0
25	33	321	288	324.39	1018.29	8816.29	12317.50	1	0.1432	40	0	0
26	33	321	289	315.86	1018.40	8814.20	12327.29	1	0.1389	40	0	0
27	33	321	290	306.90	1018.40	8811.20	12336.90	1	0.1392	40	0	0
28	33	321	291	297.43	1018.40	8806.90	12346.00	1	0.1362	40	0	0
29	33	321	292	287.86	1018.40	8802.20	12354.90	1	0.1338	40	0	0
30	33	321	293	278.16	1018.40	8796.79	12363.29	1	0.1325	40	0	0
31	33	321	294	268.38	1018.29	8791.00	12371.40	1	0.1285	40	0	0
32	33	321	295	258.52	1018.20	8784.79	12379.20	1	0.1262	40	0	0
33	33	321	296	248.76	1018.09	8778.50	12386.79	1	0.1238	40	0	0
34	33	321	297	238.68	1018.00	8771.70	12394.29	1	0.1225	40	0	0
35	33	321	298	228.86	1018.00	8764.79	12401.29	1	0.1195	40	0	0
36	33	321	299	218.67	1018.00	8757.29	12408.20	1	0.1185	40	0	0
37	33	321	300	208.59	1018.00	8749.40	12414.50	1	0.1188	40	0	0
38	33	321	301	198.61	1018.00	8741.90	12421.09	1	0.1148	40	0	0
39	33	321	302	188.56	1018.00	8734.79	12428.20	1	0.0000	40	0	0
40	33	321	303	178.43	1018.00	8727.00	12434.70	1	0.1125	40	0	0
41	33	321	304	168.58	1018.00	8719.50	12441.09	1	0.1101	40	0	0
42	33	321	305	158.59	1018.00	8711.90	12447.59	1	0.1071	40	0	0
43	33	321	306	148.50	1018.00	8704.09	12454.00	1	0.1025	40	0	0
44	33	321	307	138.57	1017.90	8696.20	12460.09	1	0.0998	40	0	0
45	33	321	308	128.62	1017.79	8688.29	12466.20	1	0.0000	40	0	0
46	33	321	309	118.83	1017.79	8680.29	12472.00	1	0.0931	40	0	0
47	33	321	310	109.06	1017.90	8672.09	12477.59	1	0.0000	40	0	0
48	33	321	311	99.17	1018.00	8663.79	12483.29	1	0.0000	40	0	0

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hg38.txt

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PARTIAL SEG Y HEADER DUMP

hg38.seg

```

Length = 1000 samples      Shot Elevation = 1017.2
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 8654.90
High Cut Filter = 1000 Hz. Shot Y-COORD = 12487.90
Line ID: HGM1             Shot Date (year.moday) = 1994.0517
Shot Orientation:         Shot Time (hr:min) = 13:45
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	34	312	312	2.17	1018.00	8655.59	12488.90	1	0.0080	40	0	0
2	34	312	313	10.34	1018.00	8647.40	12494.79	1	0.0167	40	0	0
3	34	312	314	20.20	1018.00	8639.29	12500.59	1	0.0431	40	0	0
4	34	312	315	30.31	1017.90	8631.59	12507.20	1	0.0584	40	0	0
5	34	312	316	40.15	1018.00	8624.70	12514.29	1	0.0617	40	0	0
6	34	312	317	49.96	1017.90	8618.70	12522.29	1	0.0644	40	0	0
7	34	312	318	59.77	1017.79	8613.00	12530.50	1	0.0694	40	0	0
8	34	312	319	69.64	1017.79	8607.29	12538.70	1	0.0774	40	0	0
9	34	312	320	79.48	1017.70	8602.00	12547.20	1	0.0818	40	0	0
10	34	312	321	89.35	1017.70	8596.59	12555.59	1	0.0828	40	0	0
11	34	312	322	99.18	1017.70	8591.20	12563.90	1	0.0861	40	0	0
12	34	312	323	109.26	1017.59	8585.40	12572.20	1	0.0854	40	0	0
13	34	312	324	119.08	1017.70	8579.79	12580.29	1	0.0891	40	0	0
14	34	312	325	129.17	1017.70	8574.00	12588.59	1	0.0915	40	0	0
15	34	312	326	139.23	1017.70	8567.79	12596.50	1	0.0945	40	0	0
16	34	312	327	149.19	1017.70	8561.09	12603.90	1	0.0998	40	0	0
17	34	312	328	159.19	1017.70	8554.09	12611.09	1	0.1068	40	0	0
18	34	312	329	169.18	1017.79	8547.00	12618.20	1	0.1058	40	0	0
19	34	312	330	179.14	1017.79	8540.20	12625.50	1	0.1091	40	0	0
20	34	312	331	189.17	1017.79	8533.29	12632.79	1	0.0000	40	0	0
21	34	312	332	199.09	1017.90	8526.20	12639.79	1	0.1172	40	0	0
22	34	312	333	209.02	1018.00	8519.00	12646.70	1	0.1195	40	0	0
23	34	312	334	218.94	1018.00	8511.00	12652.90	1	0.1228	40	0	0
24	34	312	335	228.57	1018.20	8502.90	12658.59	1	0.1228	40	0	0
25	34	312	336	237.85	1019.20	8494.50	12663.50	1	0.1272	40	0	0
26	34	312	337	247.60	1018.09	8485.00	12668.00	1	0.1275	40	0	0
27	34	312	338	257.08	1018.00	8476.40	12672.90	1	0.1288	40	0	0
28	34	312	339	266.52	1018.09	8467.50	12677.40	1	0.1302	40	0	0
29	34	312	340	276.00	1018.09	8458.40	12681.70	1	0.1328	40	0	0
30	34	312	341	285.38	1018.00	8449.29	12685.79	1	0.1348	40	0	0
31	34	312	342	294.93	1018.00	8440.29	12690.20	1	0.1392	40	0	0
32	34	312	343	303.99	1018.70	8430.90	12693.40	1	0.1425	40	0	0
33	34	312	344	312.74	1018.59	8421.09	12695.59	1	0.1452	40	0	0
34	34	312	345	321.24	1018.59	8411.29	12697.29	1	0.1462	40	0	0
35	34	312	346	329.47	1018.50	8401.29	12698.20	1	0.1485	40	0	0
36	34	312	347	337.78	1018.50	8391.29	12699.09	1	0.1495	40	0	0
37	34	312	348	346.11	1018.50	8381.40	12700.00	1	0.1519	40	0	0
38	34	312	349	354.72	1018.50	8371.40	12701.09	1	0.1562	40	0	0
39	34	312	350	362.98	1018.50	8361.50	12701.59	1	0.0000	40	0	0
40	34	312	351	371.56	1018.40	8351.59	12702.50	1	0.0000	40	0	0
41	34	312	352	379.84	1018.40	8341.70	12702.79	1	0.0000	40	0	0
42	34	312	353	388.35	1018.50	8331.70	12703.20	1	0.0000	40	0	0
43	34	312	354	396.91	1018.50	8321.59	12703.40	1	0.0000	40	0	0
44	34	312	355	405.56	1018.59	8311.59	12703.79	1	0.0000	40	0	0
45	34	312	356	414.07	1018.59	8301.70	12704.00	1	0.0000	40	0	0
46	34	312	357	423.11	1018.59	8291.79	12705.09	1	0.0000	40	0	0
47	34	312	358	431.76	1018.59	8281.70	12705.00	1	0.0000	40	0	0
48	34	312	359	440.38	1018.59	8271.59	12704.70	1	0.0000	40	0	0

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hg39.txt

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PARTIAL SEG Y HEADER DUMP

hg39.seg

```

Length = 1000 samples      Shot Elevation = 1017.3
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 8733.20
High Cut Filter = 1000 Hz. Shot Y-COORD = 12426.00
Line ID: HGM1             Shot Date (year.moday) = 1994.0517
Shot Orientation:         Shot Time (hr:min) = 13:56
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	35	302	312	99.91	1018.00	8655.59	12488.90	1	0.0000	40	0	0
2	35	302	313	109.98	1018.00	8647.40	12494.79	1	0.0000	40	0	0
3	35	302	314	119.94	1018.00	8639.29	12500.59	1	0.0000	40	0	0
4	35	302	315	130.08	1017.90	8631.59	12507.20	1	0.0000	40	0	0
5	35	302	316	139.89	1018.00	8624.70	12514.29	1	0.0000	40	0	0
6	35	302	317	149.61	1017.90	8618.70	12522.29	1	0.0000	40	0	0
7	35	302	318	159.28	1017.79	8613.00	12530.50	1	0.1045	40	0	0
8	35	302	319	168.99	1017.79	8607.29	12538.70	1	0.1048	40	0	0
9	35	302	320	178.62	1017.70	8602.00	12547.20	1	0.1101	40	0	0
10	35	302	321	188.30	1017.70	8596.59	12555.59	1	0.1111	40	0	0
11	35	302	322	197.95	1017.70	8591.20	12563.90	1	0.1135	40	0	0
12	35	302	323	207.90	1017.59	8585.40	12572.20	1	0.1121	40	0	0
13	35	302	324	217.58	1017.70	8579.79	12580.29	1	0.1165	40	0	0
14	35	302	325	227.56	1017.70	8574.00	12588.59	1	0.1175	40	0	0
15	35	302	326	237.56	1017.70	8567.79	12596.50	1	0.1208	40	0	0
16	35	302	327	247.53	1017.70	8561.09	12603.90	1	0.1255	40	0	0
17	35	302	328	257.57	1017.70	8554.09	12611.09	1	0.1325	40	0	0
18	35	302	329	267.61	1017.79	8547.00	12618.20	1	0.1302	40	0	0
19	35	302	330	277.58	1017.79	8540.20	12625.50	1	0.1335	40	0	0
20	35	302	331	287.63	1017.79	8533.29	12632.79	1	0.1419	40	0	0
21	35	302	332	297.59	1017.90	8526.20	12639.79	1	0.1399	40	0	0
22	35	302	333	307.56	1018.00	8519.00	12646.70	1	0.1432	40	0	0
23	35	302	334	317.58	1018.00	8511.00	12652.90	1	0.1462	40	0	0
24	35	302	335	327.32	1018.20	8502.90	12658.59	1	0.1462	40	0	0
25	35	302	336	336.74	1019.20	8494.50	12663.50	1	0.1502	40	0	0
26	35	302	337	346.66	1018.09	8485.00	12668.00	1	0.1492	40	0	0
27	35	302	338	356.24	1018.00	8476.40	12672.90	1	0.1515	40	0	0
28	35	302	339	365.79	1018.09	8467.50	12677.40	1	0.1525	40	0	0
29	35	302	340	375.37	1018.09	8458.40	12681.70	1	0.1559	40	0	0
30	35	302	341	384.84	1018.00	8449.29	12685.79	1	0.0000	40	0	0
31	35	302	342	394.46	1018.00	8440.29	12690.20	1	0.0000	40	0	0
32	35	302	343	403.60	1018.70	8430.90	12693.40	1	0.1682	40	0	0
33	35	302	344	412.43	1018.59	8421.09	12695.59	1	0.1689	40	0	0
34	35	302	345	420.99	1018.59	8411.29	12697.29	1	0.1686	40	0	0
35	35	302	346	429.26	1018.50	8401.29	12698.20	1	0.1722	40	0	0
36	35	302	347	437.59	1018.50	8391.29	12699.09	1	0.1689	40	0	0
37	35	302	348	445.92	1018.50	8381.40	12700.00	1	0.1736	40	0	0
38	35	302	349	454.51	1018.50	8371.40	12701.09	1	0.1819	40	0	0
39	35	302	350	462.73	1018.50	8361.50	12701.59	1	0.0000	40	0	0
40	35	302	351	471.26	1018.40	8351.59	12702.50	1	0.0000	40	0	0
41	35	302	352	479.47	1018.40	8341.70	12702.79	1	0.0000	40	0	0
42	35	302	353	487.90	1018.50	8331.70	12703.20	1	0.0000	40	0	0
43	35	302	354	496.37	1018.50	8321.59	12703.40	1	0.0000	40	0	0
44	35	302	355	504.90	1018.59	8311.59	12703.79	1	0.0000	40	0	0
45	35	302	356	513.30	1018.59	8301.70	12704.00	1	0.0000	40	0	0
46	35	302	357	522.24	1018.59	8291.79	12705.09	1	0.0000	40	0	0
47	35	302	358	530.75	1018.59	8281.70	12705.00	1	0.0000	40	0	0
48	35	302	359	539.22	1018.59	8271.59	12704.70	1	0.0000	40	0	0

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hg40.txt

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PARTIAL SEG Y HEADER DUMP

hg40.seg

```

Length = 1000 samples      Shot Elevation = 1017.0
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 8493.00
High Cut Filter = 1000 Hz. Shot Y-COORD = 12661.29
Line ID: HGM1             Shot Date (year.moday) = 1994.0517
Shot Orientation:         Shot Time (hr:min) = 14:17
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	36	336	312	236.98	1018.00	8655.59	12488.90	1	0.0000	40	0	0
2	36	336	313	227.08	1018.00	8647.40	12494.79	1	0.1235	40	0	0
3	36	336	314	217.32	1018.00	8639.29	12500.59	1	0.1195	40	0	0
4	36	336	315	207.25	1017.90	8631.59	12507.20	1	0.1198	40	0	0
5	36	336	316	197.38	1018.00	8624.70	12514.29	1	0.1138	40	0	0
6	36	336	317	187.42	1017.90	8618.70	12522.29	1	0.1101	40	0	0
7	36	336	318	177.51	1017.79	8613.00	12530.50	1	0.1078	40	0	0
8	36	336	319	167.61	1017.79	8607.29	12538.70	1	0.0000	40	0	0
9	36	336	320	157.80	1017.70	8602.00	12547.20	1	0.1018	40	0	0
10	36	336	321	148.01	1017.70	8596.59	12555.59	1	0.0978	40	0	0
11	36	336	322	138.31	1017.70	8591.20	12563.90	1	0.0955	40	0	0
12	36	336	323	128.36	1017.59	8585.40	12572.20	1	0.0908	40	0	0
13	36	336	324	118.73	1017.70	8579.79	12580.29	1	0.0901	40	0	0
14	36	336	325	108.85	1017.70	8574.00	12588.59	1	0.0854	40	0	0
15	36	336	326	98.97	1017.70	8567.79	12596.50	1	0.0831	40	0	0
16	36	336	327	89.07	1017.70	8561.09	12603.90	1	0.0811	40	0	0
17	36	336	328	79.09	1017.70	8554.09	12611.09	1	0.0784	40	0	0
18	36	336	329	69.11	1017.79	8547.00	12618.20	1	0.0748	40	0	0
19	36	336	330	59.26	1017.79	8540.20	12625.50	1	0.0718	40	0	0
20	36	336	331	49.38	1017.79	8533.29	12632.79	1	0.0601	40	0	0
21	36	336	332	39.60	1017.90	8526.20	12639.79	1	0.0521	40	0	0
22	36	336	333	29.88	1018.00	8519.00	12646.70	1	0.0424	40	0	0
23	36	336	334	19.96	1018.00	8511.00	12652.90	1	0.0274	40	0	0
24	36	336	335	10.50	1018.20	8502.90	12658.59	1	0.0157	40	0	0
25	36	336	336	4.17	1019.20	8494.50	12663.50	1	0.0140	40	0	0
26	36	336	337	10.65	1018.09	8485.00	12668.00	1	0.0174	40	0	0
27	36	336	338	20.36	1018.00	8476.40	12672.90	1	0.0357	40	0	0
28	36	336	339	30.24	1018.09	8467.50	12677.40	1	0.0494	40	0	0
29	36	336	340	40.23	1018.09	8458.40	12681.70	1	0.0544	40	0	0
30	36	336	341	50.15	1018.00	8449.29	12685.79	1	0.0664	40	0	0
31	36	336	342	60.15	1018.00	8440.29	12690.20	1	0.0708	40	0	0
32	36	336	343	69.96	1018.70	8430.90	12693.40	1	0.0734	40	0	0
33	36	336	344	79.71	1018.59	8421.09	12695.59	1	0.0768	40	0	0
34	36	336	345	89.33	1018.59	8411.29	12697.29	1	0.0801	40	0	0
35	36	336	346	98.89	1018.50	8401.29	12698.20	1	0.0831	40	0	0
36	36	336	347	108.54	1018.50	8391.29	12699.09	1	0.0874	40	0	0
37	36	336	348	118.15	1018.50	8381.40	12700.00	1	0.0921	40	0	0
38	36	336	349	127.97	1018.50	8371.40	12701.09	1	0.0968	40	0	0
39	36	336	350	137.56	1018.50	8361.50	12701.59	1	0.0978	40	0	0
40	36	336	351	147.31	1018.40	8351.59	12702.50	1	0.0998	40	0	0
41	36	336	352	156.91	1018.40	8341.70	12702.79	1	0.1018	40	0	0
42	36	336	353	166.67	1018.50	8331.70	12703.20	1	0.1018	40	0	0
43	36	336	354	176.52	1018.50	8321.59	12703.40	1	0.1075	40	0	0
44	36	336	355	186.34	1018.59	8311.59	12703.79	1	0.0000	40	0	0
45	36	336	356	196.03	1018.59	8301.70	12704.00	1	0.0000	40	0	0
46	36	336	357	205.94	1018.59	8291.79	12705.09	1	0.0000	40	0	0
47	36	336	358	215.79	1018.59	8281.70	12705.00	1	0.0000	40	0	0
48	36	336	359	225.64	1018.59	8271.59	12704.70	1	0.0000	40	0	0

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hg41.txt

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PARTIAL SEG Y HEADER DUMP

hg41.seg

```

Length = 1000 samples      Shot Elevation = 1017.3
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 8271.40
High Cut Filter = 1000 Hz. Shot Y-COORD = 12703.40
Line ID: HGM1            Shot Date (year.moday) = 1994.0517
Shot Orientation:        Shot Time (hr:min) = 14:27
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	37	359	312	440.02	1018.00	8655.59	12488.90	1	0.0000	40	0	0
2	37	359	313	430.00	1018.00	8647.40	12494.79	1	0.1706	40	0	0
3	37	359	314	420.09	1018.00	8639.29	12500.59	1	0.1679	40	0	0
4	37	359	315	410.16	1017.90	8631.59	12507.20	1	0.0000	40	0	0
5	37	359	316	400.73	1018.00	8624.70	12514.29	1	0.0000	40	0	0
6	37	359	317	391.69	1017.90	8618.70	12522.29	1	0.0000	40	0	0
7	37	359	318	382.87	1017.79	8613.00	12530.50	1	0.0000	40	0	0
8	37	359	319	374.10	1017.79	8607.29	12538.70	1	0.0000	40	0	0
9	37	359	320	365.65	1017.70	8602.00	12547.20	1	0.1519	40	0	0
10	37	359	321	357.21	1017.70	8596.59	12555.59	1	0.1489	40	0	0
11	37	359	322	348.90	1017.70	8591.20	12563.90	1	0.1489	40	0	0
12	37	359	323	340.31	1017.59	8585.40	12572.20	1	0.1432	40	0	0
13	37	359	324	332.06	1017.70	8579.79	12580.29	1	0.1449	40	0	0
14	37	359	325	323.65	1017.70	8574.00	12588.59	1	0.1415	40	0	0
15	37	359	326	315.08	1017.70	8567.79	12596.50	1	0.1389	40	0	0
16	37	359	327	306.30	1017.70	8561.09	12603.90	1	0.1379	40	0	0
17	37	359	328	297.38	1017.70	8554.09	12611.09	1	0.0000	40	0	0
18	37	359	329	288.47	1017.79	8547.00	12618.20	1	0.1332	40	0	0
19	37	359	330	279.86	1017.79	8540.20	12625.50	1	0.1312	40	0	0
20	37	359	331	271.25	1017.79	8533.29	12632.79	1	0.1272	40	0	0
21	37	359	332	262.62	1017.90	8526.20	12639.79	1	0.1285	40	0	0
22	37	359	333	254.01	1018.00	8519.00	12646.70	1	0.1255	40	0	0
23	37	359	334	244.87	1018.00	8511.00	12652.90	1	0.1248	40	0	0
24	37	359	335	235.80	1018.20	8502.90	12658.59	1	0.1205	40	0	0
25	37	359	336	226.66	1019.20	8494.50	12663.50	1	0.1215	40	0	0
26	37	359	337	216.52	1018.09	8485.00	12668.00	1	0.1175	40	0	0
27	37	359	338	207.26	1018.00	8476.40	12672.90	1	0.1152	40	0	0
28	37	359	339	197.82	1018.09	8467.50	12677.40	1	0.1108	40	0	0
29	37	359	340	188.26	1018.09	8458.40	12681.70	1	0.1075	40	0	0
30	37	359	341	178.77	1018.00	8449.29	12685.79	1	0.1045	40	0	0
31	37	359	342	169.41	1018.00	8440.29	12690.20	1	0.1035	40	0	0
32	37	359	343	159.83	1018.70	8430.90	12693.40	1	0.1015	40	0	0
33	37	359	344	149.91	1018.59	8421.09	12695.59	1	0.0981	40	0	0
34	37	359	345	140.04	1018.59	8411.29	12697.29	1	0.0955	40	0	0
35	37	359	346	130.01	1018.50	8401.29	12698.20	1	0.0928	40	0	0
36	37	359	347	119.99	1018.50	8391.29	12699.09	1	0.0874	40	0	0
37	37	359	348	110.07	1018.50	8381.40	12700.00	1	0.0838	40	0	0
38	37	359	349	100.05	1018.50	8371.40	12701.09	1	0.0811	40	0	0
39	37	359	350	90.14	1018.50	8361.50	12701.59	1	0.0774	40	0	0
40	37	359	351	80.22	1018.40	8351.59	12702.50	1	0.0711	40	0	0
41	37	359	352	70.33	1018.40	8341.70	12702.79	1	0.0671	40	0	0
42	37	359	353	60.34	1018.50	8331.70	12703.20	1	0.0537	40	0	0
43	37	359	354	50.24	1018.50	8321.59	12703.40	1	0.0464	40	0	0
44	37	359	355	40.26	1018.59	8311.59	12703.79	1	0.0421	40	0	0
45	37	359	356	30.39	1018.59	8301.70	12704.00	1	0.0337	40	0	0
46	37	359	357	20.59	1018.59	8291.79	12705.09	1	0.0274	40	0	0
47	37	359	358	10.67	1018.59	8281.70	12705.00	1	0.0160	40	0	0
48	37	359	359	2.65	1018.59	8271.59	12704.70	1	0.0093	40	0	0

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hg42.txt

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PARTIAL SEG Y HEADER DUMP

hg42.seg

```

Length = 1000 samples      Shot Elevation = 1018.4
Sample Interval = 0.00050 sec.  Shot Depth = 1.0
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 8172.20
High Cut Filter = 1000 Hz.   Shot Y-COORD = 12714.29
Line ID: HGM1               Shot Date (year.moday) = 1994.0517
Shot Orientation:           Shot Time (hr:min) = 14:34
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	38	369	312	533.35	1018.00	8655.59	12488.90	1	0.0000	40	0	0
2	38	369	313	523.45	1018.00	8647.40	12494.79	1	0.0000	40	0	0
3	38	369	314	513.65	1018.00	8639.29	12500.59	1	0.1923	40	0	0
4	38	369	315	503.91	1017.90	8631.59	12507.20	1	0.0000	40	0	0
5	38	369	316	494.73	1018.00	8624.70	12514.29	1	0.0000	40	0	0
6	38	369	317	486.03	1017.90	8618.70	12522.29	1	0.0000	40	0	0
7	38	369	318	477.58	1017.79	8613.00	12530.50	1	0.1816	40	0	0
8	38	369	319	469.19	1017.79	8607.29	12538.70	1	0.0000	40	0	0
9	38	369	320	461.14	1017.70	8602.00	12547.20	1	0.1789	40	0	0
10	38	369	321	453.09	1017.70	8596.59	12555.59	1	0.0000	40	0	0
11	38	369	322	445.17	1017.70	8591.20	12563.90	1	0.1732	40	0	0
12	38	369	323	436.95	1017.59	8585.40	12572.20	1	0.1672	40	0	0
13	38	369	324	429.05	1017.70	8579.79	12580.29	1	0.1692	40	0	0
14	38	369	325	421.00	1017.70	8574.00	12588.59	1	0.1662	40	0	0
15	38	369	326	412.75	1017.70	8567.79	12596.50	1	0.1639	40	0	0
16	38	369	327	404.25	1017.70	8561.09	12603.90	1	0.0000	40	0	0
17	38	369	328	395.59	1017.70	8554.09	12611.09	1	0.0000	40	0	0
18	38	369	329	386.92	1017.79	8547.00	12618.20	1	0.1572	40	0	0
19	38	369	330	378.56	1017.79	8540.20	12625.50	1	0.1575	40	0	0
20	38	369	331	370.17	1017.79	8533.29	12632.79	1	0.1555	40	0	0
21	38	369	332	361.75	1017.90	8526.20	12639.79	1	0.1509	40	0	0
22	38	369	333	353.33	1018.00	8519.00	12646.70	1	0.1499	40	0	0
23	38	369	334	344.32	1018.00	8511.00	12652.90	1	0.1495	40	0	0
24	38	369	335	335.36	1018.20	8502.90	12658.59	1	0.1449	40	0	0
25	38	369	336	326.28	1019.20	8494.50	12663.50	1	0.1455	40	0	0
26	38	369	337	316.21	1018.09	8485.00	12668.00	1	0.1415	40	0	0
27	38	369	338	307.00	1018.00	8476.40	12672.90	1	0.1399	40	0	0
28	38	369	339	297.60	1018.09	8467.50	12677.40	1	0.1352	40	0	0
29	38	369	340	288.05	1018.09	8458.40	12681.70	1	0.1322	40	0	0
30	38	369	341	278.55	1018.00	8449.29	12685.79	1	0.1295	40	0	0
31	38	369	342	269.17	1018.00	8440.29	12690.20	1	0.1292	40	0	0
32	38	369	343	259.55	1018.70	8430.90	12693.40	1	0.1268	40	0	0
33	38	369	344	249.59	1018.59	8421.09	12695.59	1	0.1232	40	0	0
34	38	369	345	239.70	1018.59	8411.29	12697.29	1	0.1202	40	0	0
35	38	369	346	229.66	1018.50	8401.29	12698.20	1	0.1182	40	0	0
36	38	369	347	219.62	1018.50	8391.29	12699.09	1	0.1158	40	0	0
37	38	369	348	209.69	1018.50	8381.40	12700.00	1	0.1118	40	0	0
38	38	369	349	199.64	1018.50	8371.40	12701.09	1	0.1125	40	0	0
39	38	369	350	189.73	1018.50	8361.50	12701.59	1	0.1101	40	0	0
40	38	369	351	179.78	1018.40	8351.59	12702.50	1	0.1055	40	0	0
41	38	369	352	169.89	1018.40	8341.70	12702.79	1	0.1001	40	0	0
42	38	369	353	159.89	1018.50	8331.70	12703.20	1	0.1001	40	0	0
43	38	369	354	149.79	1018.50	8321.59	12703.40	1	0.0965	40	0	0
44	38	369	355	139.79	1018.59	8311.59	12703.79	1	0.0915	40	0	0
45	38	369	356	129.91	1018.59	8301.70	12704.00	1	0.0874	40	0	0
46	38	369	357	119.95	1018.59	8291.79	12705.09	1	0.0851	40	0	0
47	38	369	358	109.90	1018.59	8281.70	12705.00	1	0.0821	40	0	0
48	38	369	359	99.86	1018.59	8271.59	12704.70	1	0.0788	40	0	0

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hg43.txt

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PARTIAL SEG Y HEADER DUMP

hg43.seg

```

Length = 1000 samples      Shot Elevation = 1017.3
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 8281.50
High Cut Filter = 1000 Hz. Shot Y-COORD = 12703.79
Line ID: HGM1             Shot Date (year.moday) = 1994.0526
Shot Orientation:         Shot Time (hr:min) = 10:13
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	39	358	358	2.61	1018.59	8281.70	12705.00	1	0.0097	40	0	0
2	39	358	359	10.21	1018.59	8271.59	12704.70	1	0.0190	40	0	0
3	39	358	360	20.06	1018.59	8261.59	12704.70	1	0.0254	40	0	0
4	39	358	361	30.01	1018.50	8251.59	12704.79	1	0.0334	40	0	0
5	39	358	362	39.90	1018.50	8241.70	12705.50	1	0.0404	40	0	0
6	39	358	363	49.93	1018.50	8231.70	12706.70	1	0.0461	40	0	0
7	39	358	364	59.91	1018.50	8221.79	12708.09	1	0.0511	40	0	0
8	39	358	365	69.79	1018.50	8212.00	12709.70	1	0.0577	40	0	0
9	39	358	366	79.79	1018.50	8202.09	12711.20	1	0.0607	40	0	0
10	39	358	367	89.77	1018.40	8192.20	12712.70	1	0.0651	40	0	0
11	39	358	368	99.69	1018.40	8182.39	12714.29	1	0.0684	40	0	0
12	39	358	369	109.68	1018.29	8172.50	12715.79	1	0.0734	40	0	0
13	39	358	370	119.89	1018.29	8162.39	12717.29	1	0.0768	40	0	0
14	39	358	371	129.92	1018.40	8152.50	12719.09	1	0.0798	40	0	0
15	39	358	372	139.84	1018.40	8142.70	12720.70	1	0.0844	40	0	0
16	39	358	373	149.87	1018.40	8132.79	12722.29	1	0.0874	40	0	0
17	39	358	374	159.84	1018.40	8122.89	12723.50	1	0.0905	40	0	0
18	39	358	375	170.00	1018.29	8112.89	12725.40	1	0.0895	40	0	0
19	39	358	376	179.90	1018.40	8103.10	12726.90	1	0.0905	40	0	0
20	39	358	377	189.94	1018.50	8093.20	12728.59	1	0.0935	40	0	0
21	39	358	378	199.91	1018.50	8083.29	12729.70	1	0.0938	40	0	0
22	39	358	379	209.97	1018.59	8073.29	12730.79	1	0.0991	40	0	0
23	39	358	380	219.85	1018.50	8063.39	12731.29	1	0.1011	40	0	0
24	39	358	381	229.46	1018.50	8053.60	12730.40	1	0.1065	40	0	0
25	39	358	382	239.85	1018.50	8043.20	12730.90	1	0.1048	40	0	0
26	39	358	383	249.57	1018.40	8033.29	12729.70	1	0.1058	40	0	0
27	39	358	384	259.44	1018.50	8023.29	12728.90	1	0.1101	40	0	0
28	39	358	385	269.20	1018.40	8013.39	12727.90	1	0.1115	40	0	0
29	39	358	386	278.95	1018.40	8003.50	12726.70	1	0.1165	40	0	0
30	39	358	387	288.81	1018.40	7993.50	12725.29	1	0.1192	40	0	0
31	39	358	388	298.69	1018.40	7983.50	12723.90	1	0.1215	40	0	0
32	39	358	389	308.12	1018.40	7973.89	12721.40	1	0.1242	40	0	0
33	39	358	390	317.77	1018.50	7964.10	12718.90	1	0.1255	40	0	0
34	39	358	391	327.35	1018.50	7954.39	12716.20	1	0.1275	40	0	0
35	39	358	392	336.32	1018.50	7945.29	12712.20	1	0.0000	40	0	0
36	39	358	393	345.66	1018.59	7935.89	12708.90	1	0.1325	40	0	0
37	39	358	394	355.01	1018.59	7926.50	12705.20	1	0.1335	40	0	0
38	39	358	395	364.72	1018.40	7916.79	12702.40	1	0.1385	40	0	0
39	39	358	396	373.76	1018.40	7907.79	12698.09	1	0.1399	40	0	0
40	39	358	397	382.94	1018.29	7898.70	12693.59	1	0.1419	40	0	0
41	39	358	398	391.99	1018.40	7889.79	12689.09	1	0.1445	40	0	0
42	39	358	399	400.99	1018.50	7881.00	12684.09	1	0.1482	40	0	0
43	39	358	400	409.57	1018.50	7872.70	12678.70	1	0.1499	40	0	0
44	39	358	401	417.87	1018.40	7864.79	12672.70	1	0.1485	40	0	0
45	39	358	402	425.96	1018.40	7857.20	12666.29	1	0.1485	40	0	0
46	39	358	403	434.33	1018.29	7849.39	12660.00	1	0.1499	40	0	0
47	39	358	404	442.74	1018.40	7841.60	12653.79	1	0.1549	40	0	0
48	39	358	405	451.18	1018.40	7833.89	12647.20	1	0.1602	40	0	0

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hg44.txt

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PARTIAL SEG Y HEADER DUMP

hg44.seg

```

Length = 1000 samples      Shot Elevation = 1018.0
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 8381.20
High Cut Filter = 1000 Hz. Shot Y-COORD = 12698.00
Line ID: HGM1             Shot Date (year.moday) = 1994.0526
Shot Orientation:         Shot Time (hr:min) = 10:21
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	40	348	358	99.76	1018.59	8281.70	12705.00	1	0.0688	40	0	0
2	40	348	359	109.83	1018.59	8271.59	12704.70	1	0.0748	40	0	0
3	40	348	360	119.81	1018.59	8261.59	12704.70	1	0.0781	40	0	0
4	40	348	361	129.80	1018.50	8251.59	12704.79	1	0.0824	40	0	0
5	40	348	362	139.71	1018.50	8241.70	12705.50	1	0.0841	40	0	0
6	40	348	363	149.76	1018.50	8231.70	12706.70	1	0.0888	40	0	0
7	40	348	364	159.74	1018.50	8221.79	12708.09	1	0.0891	40	0	0
8	40	348	365	169.61	1018.50	8212.00	12709.70	1	0.0925	40	0	0
9	40	348	366	179.60	1018.50	8202.09	12711.20	1	0.0958	40	0	0
10	40	348	367	189.58	1018.40	8192.20	12712.70	1	0.0971	40	0	0
11	40	348	368	199.48	1018.40	8182.39	12714.29	1	0.0988	40	0	0
12	40	348	369	209.46	1018.29	8172.50	12715.79	1	0.1038	40	0	0
13	40	348	370	219.66	1018.29	8162.39	12717.29	1	0.1055	40	0	0
14	40	348	371	229.67	1018.40	8152.50	12719.09	1	0.1071	40	0	0
15	40	348	372	239.58	1018.40	8142.70	12720.70	1	0.1115	40	0	0
16	40	348	373	249.60	1018.40	8132.79	12722.29	1	0.1101	40	0	0
17	40	348	374	259.57	1018.40	8122.89	12723.50	1	0.1145	40	0	0
18	40	348	375	269.71	1018.29	8112.89	12725.40	1	0.1128	40	0	0
19	40	348	376	279.60	1018.40	8103.10	12726.90	1	0.1132	40	0	0
20	40	348	377	289.62	1018.50	8093.20	12728.59	1	0.1165	40	0	0
21	40	348	378	299.60	1018.50	8083.29	12729.70	1	0.1195	40	0	0
22	40	348	379	309.66	1018.59	8073.29	12730.79	1	0.1222	40	0	0
23	40	348	380	319.55	1018.50	8063.39	12731.29	1	0.1242	40	0	0
24	40	348	381	329.20	1018.50	8053.60	12730.40	1	0.1285	40	0	0
25	40	348	382	339.60	1018.50	8043.20	12730.90	1	0.1295	40	0	0
26	40	348	383	349.35	1018.40	8033.29	12729.70	1	0.1302	40	0	0
27	40	348	384	359.24	1018.50	8023.29	12728.90	1	0.1332	40	0	0
28	40	348	385	369.03	1018.40	8013.39	12727.90	1	0.1365	40	0	0
29	40	348	386	378.79	1018.40	8003.50	12726.70	1	0.1392	40	0	0
30	40	348	387	388.66	1018.40	7993.50	12725.29	1	0.1452	40	0	0
31	40	348	388	398.55	1018.40	7983.50	12723.90	1	0.1462	40	0	0
32	40	348	389	407.98	1018.40	7973.89	12721.40	1	0.1482	40	0	0
33	40	348	390	417.63	1018.50	7964.10	12718.90	1	0.1495	40	0	0
34	40	348	391	427.20	1018.50	7954.39	12716.20	1	0.1495	40	0	0
35	40	348	392	436.14	1018.50	7945.29	12712.20	1	0.1559	40	0	0
36	40	348	393	445.45	1018.59	7935.89	12708.90	1	0.1569	40	0	0
37	40	348	394	454.76	1018.59	7926.50	12705.20	1	0.1585	40	0	0
38	40	348	395	464.43	1018.40	7916.79	12702.40	1	0.1619	40	0	0
39	40	348	396	473.41	1018.40	7907.79	12698.09	1	0.1649	40	0	0
40	40	348	397	482.52	1018.29	7898.70	12693.59	1	0.1679	40	0	0
41	40	348	398	491.49	1018.40	7889.79	12689.09	1	0.1689	40	0	0
42	40	348	399	500.40	1018.50	7881.00	12684.09	1	0.1722	40	0	0
43	40	348	400	508.87	1018.50	7872.70	12678.70	1	0.1752	40	0	0
44	40	348	401	517.03	1018.40	7864.79	12672.70	1	0.1742	40	0	0
45	40	348	402	524.96	1018.40	7857.20	12666.29	1	0.1749	40	0	0
46	40	348	403	533.17	1018.29	7849.39	12660.00	1	0.1716	40	0	0
47	40	348	404	541.41	1018.40	7841.60	12653.79	1	0.1819	40	0	0
48	40	348	405	549.66	1018.40	7833.89	12647.20	1	0.1869	40	0	0

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hg45.txt

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PARTIAL SEG Y HEADER DUMP

hg45.seg

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Length = 1000 samples      Shot Elevation = 1018.5
Sample Interval = 0.00050 sec.  Shot Depth = 1.0
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 8053.29
High Cut Filter = 1000 Hz.   Shot Y-COORD = 12730.29
Line ID: HGM1              Shot Date (year.moday) = 1994.0526
Shot Orientation:          Shot Time (hr:min) = 10:33
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	41	381	358	229.81	1018.59	8281.70	12705.00	1	0.1081	40	0	0
2	41	381	359	219.80	1018.59	8271.59	12704.70	1	0.0000	40	0	0
3	41	381	360	209.87	1018.59	8261.59	12704.70	1	0.1011	40	0	0
4	41	381	361	199.94	1018.50	8251.59	12704.79	1	0.0968	40	0	0
5	41	381	362	190.04	1018.50	8241.70	12705.50	1	0.0948	40	0	0
6	41	381	363	179.97	1018.50	8231.70	12706.70	1	0.0901	40	0	0
7	41	381	364	169.96	1018.50	8221.79	12708.09	1	0.0878	40	0	0
8	41	381	365	160.04	1018.50	8212.00	12709.70	1	0.0868	40	0	0
9	41	381	366	150.02	1018.50	8202.09	12711.20	1	0.0834	40	0	0
10	41	381	367	140.02	1018.40	8192.20	12712.70	1	0.0794	40	0	0
11	41	381	368	130.09	1018.40	8182.39	12714.29	1	0.0741	40	0	0
12	41	381	369	120.09	1018.29	8172.50	12715.79	1	0.0708	40	0	0
13	41	381	370	109.87	1018.29	8162.39	12717.29	1	0.0661	40	0	0
14	41	381	371	99.84	1018.40	8152.50	12719.09	1	0.0641	40	0	0
15	41	381	372	89.93	1018.40	8142.70	12720.70	1	0.0604	40	0	0
16	41	381	373	79.91	1018.40	8132.79	12722.29	1	0.0567	40	0	0
17	41	381	374	69.94	1018.40	8122.89	12723.50	1	0.0567	40	0	0
18	41	381	375	59.81	1018.29	8112.89	12725.40	1	0.0501	40	0	0
19	41	381	376	49.93	1018.40	8103.10	12726.90	1	0.0454	40	0	0
20	41	381	377	39.96	1018.50	8093.20	12728.59	1	0.0407	40	0	0
21	41	381	378	30.02	1018.50	8083.29	12729.70	1	0.0337	40	0	0
22	41	381	379	20.04	1018.59	8073.29	12730.79	1	0.0274	40	0	0
23	41	381	380	10.20	1018.50	8063.39	12731.29	1	0.0164	40	0	0
24	41	381	381	1.05	1018.50	8053.60	12730.40	1	0.0137	40	0	0
25	41	381	382	10.16	1018.50	8043.20	12730.90	1	0.0270	40	0	0
26	41	381	383	20.03	1018.40	8033.29	12729.70	1	0.0334	40	0	0
27	41	381	384	30.05	1018.50	8023.29	12728.90	1	0.0391	40	0	0
28	41	381	385	39.98	1018.40	8013.39	12727.90	1	0.0414	40	0	0
29	41	381	386	49.93	1018.40	8003.50	12726.70	1	0.0471	40	0	0
30	41	381	387	60.01	1018.40	7993.50	12725.29	1	0.0541	40	0	0
31	41	381	388	70.09	1018.40	7983.50	12723.90	1	0.0577	40	0	0
32	41	381	389	79.90	1018.40	7973.89	12721.40	1	0.0627	40	0	0
33	41	381	390	89.92	1018.50	7964.10	12718.90	1	0.0658	40	0	0
34	41	381	391	99.90	1018.50	7954.39	12716.20	1	0.0678	40	0	0
35	41	381	392	109.51	1018.50	7945.29	12712.20	1	0.0714	40	0	0
36	41	381	393	119.34	1018.59	7935.89	12708.90	1	0.0728	40	0	0
37	41	381	394	129.25	1018.59	7926.50	12705.20	1	0.0771	40	0	0
38	41	381	395	139.32	1018.40	7916.79	12702.40	1	0.0784	40	0	0
39	41	381	396	149.02	1018.40	7907.79	12698.09	1	0.0818	40	0	0
40	41	381	397	158.89	1018.29	7898.70	12693.59	1	0.0848	40	0	0
41	41	381	398	168.61	1018.40	7889.79	12689.09	1	0.0874	40	0	0
42	41	381	399	178.38	1018.50	7881.00	12684.09	1	0.0905	40	0	0
43	41	381	400	187.82	1018.50	7872.70	12678.70	1	0.0961	40	0	0
44	41	381	401	197.10	1018.40	7864.79	12672.70	1	0.0978	40	0	0
45	41	381	402	206.27	1018.40	7857.20	12666.29	1	0.0978	40	0	0
46	41	381	403	215.68	1018.29	7849.39	12660.00	1	0.0991	40	0	0
47	41	381	404	225.09	1018.40	7841.60	12653.79	1	0.1041	40	0	0
48	41	381	405	234.61	1018.40	7833.89	12647.20	1	0.1075	40	0	0

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hg46.txt

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PARTIAL SEG Y HEADER DUMP

hg46.seg

Length = 1000 samples Shot Elevation = 1018.1
 Sample Interval = 0.00050 sec. Shot Depth = 1.0
 Delay Time = 0 msec. Up Hole Time = 0 msec
 Low Cut Filter = 32 Hz. Shot X-COORD = 7834.89
 High Cut Filter = 1000 Hz. Shot Y-COORD = 12646.20
 Line ID: HGM1 Shot Date (year.moday) = 1994.0526
 Shot Orientation: Shot Time (hr:min) = 10:50
 Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	42	405	358	450.66	1018.59	8281.70	12705.00	1	0.0000	40	0	0
2	42	405	359	440.60	1018.59	8271.59	12704.70	1	0.0000	40	0	0
3	42	405	360	430.69	1018.59	8261.59	12704.70	1	0.0000	40	0	0
4	42	405	361	420.80	1018.50	8251.59	12704.79	1	0.0000	40	0	0
5	42	405	362	411.11	1018.50	8241.70	12705.50	1	0.1502	40	0	0
6	42	405	363	401.40	1018.50	8231.70	12706.70	1	0.0000	40	0	0
7	42	405	364	391.82	1018.50	8221.79	12708.09	1	0.1422	40	0	0
8	42	405	365	382.42	1018.50	8212.00	12709.70	1	0.1419	40	0	0
9	42	405	366	372.91	1018.50	8202.09	12711.20	1	0.0000	40	0	0
10	42	405	367	363.45	1018.40	8192.20	12712.70	1	0.1372	40	0	0
11	42	405	368	354.11	1018.40	8182.39	12714.29	1	0.1315	40	0	0
12	42	405	369	344.71	1018.29	8172.50	12715.79	1	0.1295	40	0	0
13	42	405	370	335.13	1018.29	8162.39	12717.29	1	0.1265	40	0	0
14	42	405	371	325.87	1018.40	8152.50	12719.09	1	0.1218	40	0	0
15	42	405	372	316.70	1018.40	8142.70	12720.70	1	0.1245	40	0	0
16	42	405	373	307.47	1018.40	8132.79	12722.29	1	0.1182	40	0	0
17	42	405	374	298.20	1018.40	8122.89	12723.50	1	0.1168	40	0	0
18	42	405	375	289.06	1018.29	8112.89	12725.40	1	0.1138	40	0	0
19	42	405	376	280.09	1018.40	8103.10	12726.90	1	0.1132	40	0	0
20	42	405	377	271.13	1018.50	8093.20	12728.59	1	0.1108	40	0	0
21	42	405	378	262.06	1018.50	8083.29	12729.70	1	0.1098	40	0	0
22	42	405	379	252.97	1018.59	8073.29	12730.79	1	0.1101	40	0	0
23	42	405	380	243.83	1018.50	8063.39	12731.29	1	0.1075	40	0	0
24	42	405	381	234.36	1018.50	8053.60	12730.40	1	0.1071	40	0	0
25	42	405	382	224.88	1018.50	8043.20	12730.90	1	0.1035	40	0	0
26	42	405	383	215.26	1018.40	8033.29	12729.70	1	0.0991	40	0	0
27	42	405	384	205.76	1018.50	8023.29	12728.90	1	0.1011	40	0	0
28	42	405	385	196.31	1018.40	8013.39	12727.90	1	0.0968	40	0	0
29	42	405	386	186.85	1018.40	8003.50	12726.70	1	0.0951	40	0	0
30	42	405	387	177.24	1018.40	7993.50	12725.29	1	0.0948	40	0	0
31	42	405	388	167.70	1018.40	7983.50	12723.90	1	0.0911	40	0	0
32	42	405	389	158.04	1018.40	7973.89	12721.40	1	0.0868	40	0	0
33	42	405	390	148.27	1018.50	7964.10	12718.90	1	0.0838	40	0	0
34	42	405	391	138.50	1018.50	7954.39	12716.20	1	0.0794	40	0	0
35	42	405	392	128.63	1018.50	7945.29	12712.20	1	0.0784	40	0	0
36	42	405	393	118.89	1018.59	7935.89	12708.90	1	0.0758	40	0	0
37	42	405	394	108.98	1018.59	7926.50	12705.20	1	0.0721	40	0	0
38	42	405	395	99.34	1018.40	7916.79	12702.40	1	0.0701	40	0	0
39	42	405	396	89.49	1018.40	7907.79	12698.09	1	0.0711	40	0	0
40	42	405	397	79.49	1018.29	7898.70	12693.59	1	0.0664	40	0	0
41	42	405	398	69.68	1018.40	7889.79	12689.09	1	0.0651	40	0	0
42	42	405	399	59.70	1018.50	7881.00	12684.09	1	0.0607	40	0	0
43	42	405	400	49.88	1018.50	7872.70	12678.70	1	0.0581	40	0	0
44	42	405	401	39.97	1018.40	7864.79	12672.70	1	0.0521	40	0	0
45	42	405	402	30.05	1018.40	7857.20	12666.29	1	0.0457	40	0	0
46	42	405	403	20.05	1018.29	7849.39	12660.00	1	0.0314	40	0	0
47	42	405	404	10.21	1018.40	7841.60	12653.79	1	0.0160	40	0	0
48	42	405	405	1.93	1018.40	7833.89	12647.20	1	0.0107	40	0	0

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hg47.txt

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PARTIAL SEG Y HEADER DUMP

hg47.seg

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Length = 1000 samples      Shot Elevation = 1014.9
Sample Interval = 0.00050 sec.  Shot Depth = 1.0
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 7792.50
High Cut Filter = 1000 Hz.   Shot Y-COORD = 12554.50
Line ID: HGM1              Shot Date (year.moday) = 1994.0526
Shot Orientation:          Shot Time (hr:min) = 11:02
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	43	416	358	511.85	1018.59	8281.70	12705.00	1	0.0000	40	0	0
2	43	416	359	502.10	1018.59	8271.59	12704.70	1	0.0000	40	0	0
3	43	416	360	492.57	1018.59	8261.59	12704.70	1	0.0000	40	0	0
4	43	416	361	483.09	1018.50	8251.59	12704.79	1	0.0000	40	0	0
5	43	416	362	473.92	1018.50	8241.70	12705.50	1	0.0000	40	0	0
6	43	416	363	464.85	1018.50	8231.70	12706.70	1	0.0000	40	0	0
7	43	416	364	455.96	1018.50	8221.79	12708.09	1	0.1532	40	0	0
8	43	416	365	447.31	1018.50	8212.00	12709.70	1	0.1509	40	0	0
9	43	416	366	438.57	1018.50	8202.09	12711.20	1	0.0000	40	0	0
10	43	416	367	429.89	1018.40	8192.20	12712.70	1	0.0000	40	0	0
11	43	416	368	421.39	1018.40	8182.39	12714.29	1	0.0000	40	0	0
12	43	416	369	412.84	1018.29	8172.50	12715.79	1	0.0000	40	0	0
13	43	416	370	404.15	1018.29	8162.39	12717.29	1	0.0000	40	0	0
14	43	416	371	395.87	1018.40	8152.50	12719.09	1	0.1405	40	0	0
15	43	416	372	387.66	1018.40	8142.70	12720.70	1	0.1342	40	0	0
16	43	416	373	379.44	1018.40	8132.79	12722.29	1	0.0000	40	0	0
17	43	416	374	371.13	1018.40	8122.89	12723.50	1	0.1318	40	0	0
18	43	416	375	363.15	1018.29	8112.89	12725.40	1	0.1272	40	0	0
19	43	416	376	355.27	1018.40	8103.10	12726.90	1	0.1268	40	0	0
20	43	416	377	347.49	1018.50	8093.20	12728.59	1	0.1232	40	0	0
21	43	416	378	339.52	1018.50	8083.29	12729.70	1	0.1248	40	0	0
22	43	416	379	331.58	1018.59	8073.29	12730.79	1	0.1235	40	0	0
23	43	416	380	323.51	1018.50	8063.39	12731.29	1	0.1218	40	0	0
24	43	416	381	314.86	1018.50	8053.60	12730.40	1	0.1235	40	0	0
25	43	416	382	306.58	1018.50	8043.20	12730.90	1	0.1185	40	0	0
26	43	416	383	297.82	1018.40	8033.29	12729.70	1	0.1148	40	0	0
27	43	416	384	289.31	1018.50	8023.29	12728.90	1	0.1155	40	0	0
28	43	416	385	280.86	1018.40	8013.39	12727.90	1	0.1121	40	0	0
29	43	416	386	272.39	1018.40	8003.50	12726.70	1	0.1145	40	0	0
30	43	416	387	263.80	1018.40	7993.50	12725.29	1	0.1132	40	0	0
31	43	416	388	255.34	1018.40	7983.50	12723.90	1	0.1098	40	0	0
32	43	416	389	246.53	1018.40	7973.89	12721.40	1	0.1068	40	0	0
33	43	416	390	237.69	1018.50	7964.10	12718.90	1	0.1035	40	0	0
34	43	416	391	228.86	1018.50	7954.39	12716.20	1	0.0998	40	0	0
35	43	416	392	219.63	1018.50	7945.29	12712.20	1	0.0988	40	0	0
36	43	416	393	210.77	1018.59	7935.89	12708.90	1	0.0971	40	0	0
37	43	416	394	201.71	1018.59	7926.50	12705.20	1	0.0935	40	0	0
38	43	416	395	193.24	1018.40	7916.79	12702.40	1	0.0911	40	0	0
39	43	416	396	184.20	1018.40	7907.79	12698.09	1	0.0911	40	0	0
40	43	416	397	175.05	1018.29	7898.70	12693.59	1	0.0881	40	0	0
41	43	416	398	166.13	1018.40	7889.79	12689.09	1	0.0858	40	0	0
42	43	416	399	156.99	1018.50	7881.00	12684.09	1	0.0824	40	0	0
43	43	416	400	147.92	1018.50	7872.70	12678.70	1	0.0814	40	0	0
44	43	416	401	138.63	1018.40	7864.79	12672.70	1	0.0771	40	0	0
45	43	416	402	129.24	1018.40	7857.20	12666.29	1	0.0751	40	0	0
46	43	416	403	119.94	1018.29	7849.39	12660.00	1	0.0748	40	0	0
47	43	416	404	110.86	1018.40	7841.60	12653.79	1	0.0754	40	0	0
48	43	416	405	101.62	1018.40	7833.89	12647.20	1	0.0714	40	0	0

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hg48.txt

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PARTIAL SEG Y HEADER DUMP

hg48.seg

```

Length = 1000 samples      Shot Elevation = 1018.1
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 7910.39
High Cut Filter = 1000 Hz. Shot Y-COORD = 12696.29
Line ID: HGML             Shot Date (year.moday) = 1994.0526
Shot Orientation:         Shot Time (hr:min) = 12:19
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	44	396	429	292.40	1007.70	7710.70	12482.90	1	0.1045	40	0	0
2	44	396	428	287.53	1007.70	7720.60	12480.50	1	0.1098	40	0	0
3	44	396	427	282.80	1008.29	7730.20	12478.50	1	0.1088	40	0	0
4	44	396	426	275.85	1008.90	7740.39	12479.20	1	0.1071	40	0	0
5	44	396	425	268.49	1009.79	7749.60	12481.40	1	0.0000	40	0	0
6	44	396	424	260.70	1010.70	7759.20	12484.00	1	0.1021	40	0	0
7	44	396	423	252.49	1011.00	7764.10	12490.59	1	0.1005	40	0	0
8	44	396	422	242.80	1011.29	7767.20	12500.29	1	0.1005	40	0	0
9	44	396	421	233.25	1011.79	7770.79	12509.50	1	0.0948	40	0	0
10	44	396	420	223.36	1012.40	7775.00	12518.70	1	0.0918	40	0	0
11	44	396	419	213.66	1013.00	7779.20	12527.70	1	0.0935	40	0	0
12	44	396	418	204.07	1013.79	7783.39	12536.59	1	0.0915	40	0	0
13	44	396	417	193.99	1014.40	7787.89	12545.90	1	0.0898	40	0	0
14	44	396	416	184.60	1014.90	7791.50	12555.09	1	0.0895	40	0	0
15	44	396	415	175.02	1015.50	7795.70	12564.09	1	0.0888	40	0	0
16	44	396	414	165.46	1016.50	7799.60	12573.40	1	0.0885	40	0	0
17	44	396	413	156.33	1017.50	7802.89	12582.79	1	0.0841	40	0	0
18	44	396	412	147.43	1018.00	7805.89	12592.29	1	0.0838	40	0	0
19	44	396	411	138.53	1018.29	7809.00	12601.90	1	0.0784	40	0	0
20	44	396	410	130.52	1018.29	7811.00	12611.70	1	0.0778	40	0	0
21	44	396	409	122.83	1018.50	7812.89	12621.59	1	0.0754	40	0	0
22	44	396	408	118.62	1017.79	7811.10	12631.40	1	0.0653	40	0	0
23	44	396	407	110.76	1018.29	7816.79	12637.09	1	0.0688	40	0	0
24	44	396	406	100.82	1018.50	7826.10	12641.00	1	0.0691	40	0	0

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hg49.txt

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 PARTIAL SEG Y HEADER DUMP

hg49.seg

```

Length = 1000 samples          Shot Elevation = 1018.3
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.           Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.        Shot X-COORD = 7827.00
High Cut Filter = 1000 Hz.     Shot Y-COORD = 12639.79
Line ID: HGML                 Shot Date (year.moday) = 1994.0526
Shot Orientation:             Shot Time (hr:min) = 12:30
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0
  
```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	45	406	429	195.53	1007.70	7710.70	12482.90	1	0.0885	40	0	0
2	45	406	428	191.80	1007.70	7720.60	12480.50	1	0.0878	40	0	0
3	45	406	427	188.32	1008.29	7730.20	12478.50	1	0.0895	40	0	0
4	45	406	426	182.65	1008.90	7740.39	12479.20	1	0.0878	40	0	0
5	45	406	425	176.45	1009.79	7749.60	12481.40	1	0.0000	40	0	0
6	45	406	424	170.03	1010.70	7759.20	12484.00	1	0.0818	40	0	0
7	45	406	423	162.04	1011.00	7764.10	12490.59	1	0.0818	40	0	0
8	45	406	422	151.90	1011.29	7767.20	12500.29	1	0.0794	40	0	0
9	45	406	421	142.00	1011.79	7770.79	12509.50	1	0.0764	40	0	0
10	45	406	420	131.87	1012.40	7775.00	12518.70	1	0.0738	40	0	0
11	45	406	419	121.93	1013.00	7779.20	12527.70	1	0.0738	40	0	0
12	45	406	418	112.09	1013.79	7783.39	12536.59	1	0.0714	40	0	0
13	45	406	417	101.75	1014.40	7787.89	12545.90	1	0.0691	40	0	0
14	45	406	416	91.87	1014.90	7791.50	12555.09	1	0.0711	40	0	0
15	45	406	415	81.94	1015.50	7795.70	12564.09	1	0.0691	40	0	0
16	45	406	414	71.83	1016.50	7799.60	12573.40	1	0.0661	40	0	0
17	45	406	413	61.89	1017.50	7802.89	12582.79	1	0.0607	40	0	0
18	45	406	412	51.98	1018.00	7805.89	12592.29	1	0.0587	40	0	0
19	45	406	411	41.96	1018.29	7809.00	12601.90	1	0.0547	40	0	0
20	45	406	410	32.34	1018.29	7811.00	12611.70	1	0.0521	40	0	0
21	45	406	409	23.06	1018.50	7812.89	12621.59	1	0.0394	40	0	0
22	45	406	408	17.98	1017.79	7811.10	12631.40	1	0.0270	40	0	0
23	45	406	407	10.61	1018.29	7816.79	12637.09	1	0.0200	40	0	0
24	45	406	406	1.93	1018.50	7826.10	12641.00	1	0.0113	40	0	0

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hg50.txt

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PARTIAL SEG Y HEADER DUMP

hg50.seg

```

Length = 1000 samples      Shot Elevation = 1006.8
Sample Interval = 0.00050 sec. Shot Depth = 2.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 7721.10
High Cut Filter = 1000 Hz. Shot Y-COORD = 12476.90
Line ID: HGM1             Shot Date (year.moday) = 1994.0526
Shot Orientation:         Shot Time (hr:min) = 12:51
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	46	428	429	12.35	1007.70	7710.70	12482.90	1	0.0170	40	0	0
2	46	428	428	4.66	1007.70	7720.60	12480.50	1	0.0107	40	0	0
3	46	428	427	9.88	1008.29	7730.20	12478.50	1	0.0154	40	0	0
4	46	428	426	19.86	1008.90	7740.39	12479.20	1	0.0224	40	0	0
5	46	428	425	29.28	1009.79	7749.60	12481.40	1	0.0000	40	0	0
6	46	428	424	39.20	1010.70	7759.20	12484.00	1	0.0401	40	0	0
7	46	428	423	45.55	1011.00	7764.10	12490.59	1	0.0437	40	0	0
8	46	428	422	52.10	1011.29	7767.20	12500.29	1	0.0464	40	0	0
9	46	428	421	59.84	1011.79	7770.79	12509.50	1	0.0494	40	0	0
10	46	428	420	68.63	1012.40	7775.00	12518.70	1	0.0494	40	0	0
11	46	428	419	77.61	1013.00	7779.20	12527.70	1	0.0547	40	0	0
12	46	428	418	86.74	1013.79	7783.39	12536.59	1	0.0571	40	0	0
13	46	428	417	96.51	1014.40	7787.89	12545.90	1	0.0631	40	0	0
14	46	428	416	105.70	1014.90	7791.50	12555.09	1	0.0678	40	0	0
15	46	428	415	115.25	1015.50	7795.70	12564.09	1	0.0681	40	0	0
16	46	428	414	124.95	1016.50	7799.60	12573.40	1	0.0718	40	0	0
17	46	428	413	134.40	1017.50	7802.89	12582.79	1	0.0741	40	0	0
18	46	428	412	143.80	1018.00	7805.89	12592.29	1	0.0768	40	0	0
19	46	428	411	153.41	1018.29	7809.00	12601.90	1	0.0794	40	0	0
20	46	428	410	162.59	1018.29	7811.00	12611.70	1	0.0834	40	0	0
21	46	428	409	171.90	1018.50	7812.89	12621.59	1	0.0854	40	0	0
22	46	428	408	179.27	1017.79	7811.10	12631.40	1	0.0000	40	0	0
23	46	428	407	187.08	1018.29	7816.79	12637.09	1	0.0871	40	0	0
24	46	428	406	195.30	1018.50	7826.10	12641.00	1	0.0938	40	0	0

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hg51.txt

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 PARTIAL SEG Y HEADER DUMP

hg51.seg

```

Length = 1000 samples      Shot Elevation = 1005.4
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 7650.79
High Cut Filter = 1000 Hz. Shot Y-COORD = 12490.20
Line ID: HGM1             Shot Date (year.moday) = 1994.0526
Shot Orientation:         Shot Time (hr:min) = 13:04
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0
  
```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	47	435	429	60.44	1007.70	7710.70	12482.90	1	0.0447	40	0	0
2	47	435	428	70.56	1007.70	7720.60	12480.50	1	0.0451	40	0	0
3	47	435	427	80.36	1008.29	7730.20	12478.50	1	0.0487	40	0	0
4	47	435	426	90.38	1008.90	7740.39	12479.20	1	0.0534	40	0	0
5	47	435	425	99.35	1009.79	7749.60	12481.40	1	0.0000	40	0	0
6	47	435	424	108.77	1010.70	7759.20	12484.00	1	0.0614	40	0	0
7	47	435	423	113.50	1011.00	7764.10	12490.59	1	0.0638	40	0	0
8	47	435	422	117.05	1011.29	7767.20	12500.29	1	0.0634	40	0	0
9	47	435	421	121.77	1011.79	7770.79	12509.50	1	0.0661	40	0	0
10	47	435	420	127.69	1012.40	7775.00	12518.70	1	0.0661	40	0	0
11	47	435	419	134.05	1013.00	7779.20	12527.70	1	0.0711	40	0	0
12	47	435	418	140.79	1013.79	7783.39	12536.59	1	0.0744	40	0	0
13	47	435	417	148.32	1014.40	7787.89	12545.90	1	0.0791	40	0	0
14	47	435	416	155.31	1014.90	7791.50	12555.09	1	0.0851	40	0	0
15	47	435	415	163.04	1015.50	7795.70	12564.09	1	0.0834	40	0	0
16	47	435	414	170.92	1016.50	7799.60	12573.40	1	0.0864	40	0	0
17	47	435	413	178.55	1017.50	7802.89	12582.79	1	0.0888	40	0	0
18	47	435	412	186.18	1018.00	7805.89	12592.29	1	0.0915	40	0	0
19	47	435	411	194.17	1018.29	7809.00	12601.90	1	0.0955	40	0	0
20	47	435	410	201.55	1018.29	7811.00	12611.70	1	0.0985	40	0	0
21	47	435	409	209.14	1018.50	7812.89	12621.59	1	0.0998	40	0	0
22	47	435	408	214.05	1017.79	7811.10	12631.40	1	0.0995	40	0	0
23	47	435	407	222.09	1018.29	7816.79	12637.09	1	0.0988	40	0	0
24	47	435	406	231.67	1018.50	7826.10	12641.00	1	0.1008	40	0	0

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hg52.txt

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PARTIAL SEG Y HEADER DUMP

hg52.seg

```

Length = 1000 samples      Shot Elevation = 1038.1
Sample Interval = 0.00050 sec. Shot Depth = 3.3
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 10778.59
High Cut Filter = 1000 Hz. Shot Y-COORD = 11046.09
Line ID: HGM2             Shot Date (year.moday) = 1994.0527
Shot Orientation:         Shot Time (hr:min) = 10:15
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	1	057	000	570.73	1019.50	10208.09	11051.00	1	0.0000	40	0	0
2	1	057	001	560.71	1020.20	10218.09	11051.20	1	0.0000	40	0	0
3	1	057	002	550.79	1020.70	10228.00	11051.09	1	0.0000	40	0	0
4	1	057	003	540.78	1021.40	10238.00	11051.29	1	0.0000	40	0	0
5	1	057	004	530.76	1022.29	10248.00	11051.40	1	0.0000	40	0	0
6	1	057	005	520.75	1022.90	10258.00	11051.40	1	0.0000	40	0	0
7	1	057	006	510.84	1023.70	10267.90	11051.29	1	0.0000	40	0	0
8	1	057	007	500.82	1024.50	10277.90	11051.29	1	0.0000	40	0	0
9	1	057	008	490.92	1025.19	10287.79	11051.40	1	0.0000	40	0	0
10	1	057	009	480.91	1025.80	10297.79	11051.40	1	0.0000	40	0	0
11	1	057	010	470.90	1026.40	10307.79	11051.40	1	0.0000	40	0	0
12	1	057	011	460.90	1027.00	10317.79	11051.40	1	0.0000	40	0	0
13	1	057	012	450.89	1027.30	10327.79	11051.29	1	0.0000	40	0	0
14	1	057	013	440.89	1027.69	10337.79	11051.59	1	0.0000	40	0	0
15	1	057	014	430.89	1027.90	10347.79	11051.59	1	0.0000	40	0	0
16	1	057	015	420.89	1028.09	10357.79	11051.50	1	0.0000	40	0	0
17	1	057	016	410.98	1028.40	10367.70	11051.79	1	0.0000	40	0	0
18	1	057	017	400.88	1028.90	10377.79	11051.79	1	0.0000	40	0	0
19	1	057	018	390.88	1029.19	10387.79	11051.70	1	0.0000	40	0	0
20	1	057	019	380.96	1029.50	10397.70	11051.00	1	0.0000	40	0	0
21	1	057	020	370.95	1029.90	10407.70	11050.29	1	0.0000	40	0	0
22	1	057	021	360.94	1030.30	10417.70	11050.40	1	0.0000	40	0	0
23	1	057	022	350.94	1030.40	10427.70	11050.00	1	0.0000	40	0	0
24	1	057	023	341.04	1030.80	10437.59	11049.40	1	0.0000	40	0	0
25	1	057	024	330.83	1031.00	10447.79	11048.79	1	0.0000	40	0	0
26	1	057	025	321.04	1031.00	10457.59	11049.00	1	0.0000	40	0	0
27	1	057	026	311.03	1031.30	10467.59	11048.29	1	0.0000	40	0	0
28	1	057	027	301.02	1031.59	10477.59	11047.79	1	0.0000	40	0	0
29	1	057	028	290.91	1031.90	10487.70	11047.79	1	0.0000	40	0	0
30	1	057	029	280.82	1032.19	10497.79	11047.70	1	0.1756	40	0	0
31	1	057	030	270.81	1032.40	10507.79	11047.50	1	0.0000	40	0	0
32	1	057	031	260.81	1032.69	10517.79	11047.29	1	0.1766	40	0	0
33	1	057	032	250.70	1032.90	10527.90	11047.09	1	0.1752	40	0	0
34	1	057	033	240.60	1033.19	10538.00	11047.29	1	0.1666	40	0	0
35	1	057	034	230.40	1033.40	10548.20	11047.29	1	0.0000	40	0	0
36	1	057	035	220.39	1033.80	10558.20	11047.20	1	0.0000	40	0	0
37	1	057	036	210.39	1034.00	10568.20	11046.90	1	0.0000	40	0	0
38	1	057	037	200.30	1034.30	10578.29	11046.70	1	0.1669	40	0	0
39	1	057	038	190.30	1034.50	10588.29	11046.79	1	0.1636	40	0	0
40	1	057	039	180.30	1034.80	10598.29	11046.70	1	0.1612	40	0	0
41	1	057	040	170.30	1035.00	10608.29	11046.59	1	0.1555	40	0	0
42	1	057	041	160.30	1035.30	10618.29	11046.29	1	0.1512	40	0	0
43	1	057	042	150.30	1035.50	10628.29	11046.70	1	0.1472	40	0	0
44	1	057	043	140.30	1035.80	10638.29	11046.70	1	0.1432	40	0	0
45	1	057	044	130.31	1036.00	10648.29	11046.79	1	0.1439	40	0	0
46	1	057	045	120.20	1036.30	10658.40	11046.79	1	0.1435	40	0	0
47	1	057	046	110.11	1036.50	10668.50	11046.79	1	0.1459	40	0	0
48	1	057	047	100.12	1036.69	10678.50	11047.50	1	0.1362	40	0	0

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hg53.txt

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PARTIAL SEG Y HEADER DUMP

hg53.seg

```

Length = 1000 samples      Shot Elevation = 1030.8
Sample Interval = 0.00050 sec.  Shot Depth = 2.6
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 10447.79
High Cut Filter = 1000 Hz.    Shot Y-COORD = 11047.29
Line ID: HGM2                Shot Date (year.moday) = 1994.0527
Shot Orientation:            Shot Time (hr:min) = 10:40
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	2	024	000	239.89	1019.50	10208.09	11051.00	1	0.1439	40	0	0
2	2	024	001	229.87	1020.20	10218.09	11051.20	1	0.0000	40	0	0
3	2	024	002	219.95	1020.70	10228.00	11051.09	1	0.0000	40	0	0
4	2	024	003	209.94	1021.40	10238.00	11051.29	1	0.1432	40	0	0
5	2	024	004	199.92	1022.29	10248.00	11051.40	1	0.1402	40	0	0
6	2	024	005	189.91	1022.90	10258.00	11051.40	1	0.1382	40	0	0
7	2	024	006	179.99	1023.70	10267.90	11051.29	1	0.1365	40	0	0
8	2	024	007	169.98	1024.50	10277.90	11051.29	1	0.1342	40	0	0
9	2	024	008	160.08	1025.19	10287.79	11051.40	1	0.1305	40	0	0
10	2	024	009	150.08	1025.80	10297.79	11051.40	1	0.1265	40	0	0
11	2	024	010	140.07	1026.40	10307.79	11051.40	1	0.1248	40	0	0
12	2	024	011	130.07	1027.00	10317.79	11051.40	1	0.1258	40	0	0
13	2	024	012	120.07	1027.30	10327.79	11051.29	1	0.1258	40	0	0
14	2	024	013	110.09	1027.69	10337.79	11051.59	1	0.1238	40	0	0
15	2	024	014	100.09	1027.90	10347.79	11051.59	1	0.1222	40	0	0
16	2	024	015	90.10	1028.09	10357.79	11051.50	1	0.1232	40	0	0
17	2	024	016	80.22	1028.40	10367.70	11051.79	1	0.1091	40	0	0
18	2	024	017	70.15	1028.90	10377.79	11051.79	1	0.0975	40	0	0
19	2	024	018	60.17	1029.19	10387.79	11051.70	1	0.0874	40	0	0
20	2	024	019	50.24	1029.50	10397.70	11051.00	1	0.0744	40	0	0
21	2	024	020	40.24	1029.90	10407.70	11050.29	1	0.0621	40	0	0
22	2	024	021	30.32	1030.30	10417.70	11050.40	1	0.0531	40	0	0
23	2	024	022	20.39	1030.40	10427.70	11050.00	1	0.0244	40	0	0
24	2	024	023	10.73	1030.80	10437.59	11049.40	1	0.0130	40	0	0
25	2	024	024	3.16	1031.00	10447.79	11048.79	1	0.0070	40	0	0
26	2	024	025	10.33	1031.00	10457.59	11049.00	1	0.0140	40	0	0
27	2	024	026	20.06	1031.30	10467.59	11048.29	1	0.0260	40	0	0
28	2	024	027	29.99	1031.59	10477.59	11047.79	1	0.0541	40	0	0
29	2	024	028	40.08	1031.90	10487.70	11047.79	1	0.0648	40	0	0
30	2	024	029	50.16	1032.19	10497.79	11047.70	1	0.0801	40	0	0
31	2	024	030	60.15	1032.40	10507.79	11047.50	1	0.0978	40	0	0
32	2	024	031	70.14	1032.69	10517.79	11047.29	1	0.1068	40	0	0
33	2	024	032	80.25	1032.90	10527.90	11047.09	1	0.1152	40	0	0
34	2	024	033	90.35	1033.19	10538.00	11047.29	1	0.1215	40	0	0
35	2	024	034	100.54	1033.40	10548.20	11047.29	1	0.1218	40	0	0
36	2	024	035	110.55	1033.80	10558.20	11047.20	1	0.1242	40	0	0
37	2	024	036	120.55	1034.00	10568.20	11046.90	1	0.0000	40	0	0
38	2	024	037	130.64	1034.30	10578.29	11046.70	1	0.1372	40	0	0
39	2	024	038	140.64	1034.50	10588.29	11046.79	1	0.1405	40	0	0
40	2	024	039	150.64	1034.80	10598.29	11046.70	1	0.1439	40	0	0
41	2	024	040	160.64	1035.00	10608.29	11046.59	1	0.1472	40	0	0
42	2	024	041	170.65	1035.30	10618.29	11046.29	1	0.1465	40	0	0
43	2	024	042	180.65	1035.50	10628.29	11046.70	1	0.1485	40	0	0
44	2	024	043	190.65	1035.80	10638.29	11046.70	1	0.1492	40	0	0
45	2	024	044	200.65	1036.00	10648.29	11046.79	1	0.1519	40	0	0
46	2	024	045	210.77	1036.30	10658.40	11046.79	1	0.1535	40	0	0
47	2	024	046	220.87	1036.50	10668.50	11046.79	1	0.1605	40	0	0
48	2	024	047	230.87	1036.69	10678.50	11047.50	1	0.1662	40	0	0

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hg54.txt

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PARTIAL SEG Y HEADER DUMP

hg54.seg

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Length = 1000 samples      Shot Elevation = 1019.7
Sample Interval = 0.00050 sec. Shot Depth = 3.5
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 10207.79
High Cut Filter = 1000 Hz. Shot Y-COORD = 11049.40
Line ID: HGM2             Shot Date (year.moday) = 1994.0527
Shot Orientation:         Shot Time (hr:min) = 11:03
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	3	000	000	3.68	1019.50	10208.09	11051.00	1	0.0053	40	0	0
2	3	000	001	11.19	1020.20	10218.09	11051.20	1	0.0167	40	0	0
3	3	000	002	20.77	1020.70	10228.00	11051.09	1	0.0317	40	0	0
4	3	000	003	30.71	1021.40	10238.00	11051.29	1	0.0464	40	0	0
5	3	000	004	40.72	1022.29	10248.00	11051.40	1	0.0604	40	0	0
6	3	000	005	50.69	1022.90	10258.00	11051.40	1	0.0761	40	0	0
7	3	000	006	60.61	1023.70	10267.90	11051.29	1	0.0878	40	0	0
8	3	000	007	70.63	1024.50	10277.90	11051.29	1	0.1011	40	0	0
9	3	000	008	80.53	1025.19	10287.79	11051.40	1	0.0975	40	0	0
10	3	000	009	90.53	1025.80	10297.79	11051.40	1	0.0988	40	0	0
11	3	000	010	100.54	1026.40	10307.79	11051.40	1	0.1041	40	0	0
12	3	000	011	110.55	1027.00	10317.79	11051.40	1	0.1098	40	0	0
13	3	000	012	120.53	1027.30	10327.79	11051.29	1	0.1115	40	0	0
14	3	000	013	130.53	1027.69	10337.79	11051.59	1	0.1135	40	0	0
15	3	000	014	140.51	1027.90	10347.79	11051.59	1	0.1188	40	0	0
16	3	000	015	150.49	1028.09	10357.79	11051.50	1	0.1215	40	0	0
17	3	000	016	160.39	1028.40	10367.70	11051.79	1	0.1212	40	0	0
18	3	000	017	170.49	1028.90	10377.79	11051.79	1	0.1258	40	0	0
19	3	000	018	180.48	1029.19	10387.79	11051.70	1	0.1278	40	0	0
20	3	000	019	190.38	1029.50	10397.70	11051.00	1	0.1278	40	0	0
21	3	000	020	200.38	1029.90	10407.70	11050.29	1	0.1278	40	0	0
22	3	000	021	210.39	1030.30	10417.70	11050.40	1	0.1348	40	0	0
23	3	000	022	220.37	1030.40	10427.70	11050.00	1	0.1379	40	0	0
24	3	000	023	230.26	1030.80	10437.59	11049.40	1	0.1432	40	0	0
25	3	000	024	240.46	1031.00	10447.79	11048.79	1	0.1472	40	0	0
26	3	000	025	250.24	1031.00	10457.59	11049.00	1	0.1505	40	0	0
27	3	000	026	260.24	1031.30	10467.59	11048.29	1	0.1529	40	0	0
28	3	000	027	270.24	1031.59	10477.59	11047.79	1	0.0000	40	0	0
29	3	000	028	280.35	1031.90	10487.70	11047.79	1	0.0000	40	0	0
30	3	000	029	290.45	1032.19	10497.79	11047.70	1	0.1539	40	0	0
31	3	000	030	300.44	1032.40	10507.79	11047.50	1	0.1572	40	0	0
32	3	000	031	310.45	1032.69	10517.79	11047.29	1	0.1609	40	0	0
33	3	000	032	320.55	1032.90	10527.90	11047.09	1	0.1689	40	0	0
34	3	000	033	330.65	1033.19	10538.00	11047.29	1	0.1726	40	0	0
35	3	000	034	340.85	1033.40	10548.20	11047.29	1	0.0000	40	0	0
36	3	000	035	350.86	1033.80	10558.20	11047.20	1	0.0000	40	0	0
37	3	000	036	360.86	1034.00	10568.20	11046.90	1	0.0000	40	0	0
38	3	000	037	370.95	1034.30	10578.29	11046.70	1	0.0000	40	0	0
39	3	000	038	380.95	1034.50	10588.29	11046.79	1	0.0000	40	0	0
40	3	000	039	390.95	1034.80	10598.29	11046.70	1	0.1906	40	0	0
41	3	000	040	400.95	1035.00	10608.29	11046.59	1	0.0000	40	0	0
42	3	000	041	410.96	1035.30	10618.29	11046.29	1	0.0000	40	0	0
43	3	000	042	420.95	1035.50	10628.29	11046.70	1	0.0000	40	0	0
44	3	000	043	430.95	1035.80	10638.29	11046.70	1	0.0000	40	0	0
45	3	000	044	440.95	1036.00	10648.29	11046.79	1	0.0000	40	0	0
46	3	000	045	451.07	1036.30	10658.40	11046.79	1	0.0000	40	0	0
47	3	000	046	461.16	1036.50	10668.50	11046.79	1	0.0000	40	0	0
48	3	000	047	471.16	1036.69	10678.50	11047.50	1	0.0000	40	0	0

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hg55.txt

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PARTIAL SEG Y HEADER DUMP

hg55.seg

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Length = 1000 samples      Shot Elevation = 1016.9
Sample Interval = 0.00050 sec. Shot Depth = 3.3
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 10108.29
High Cut Filter = 1000 Hz. Shot Y-COORD = 11049.50
Line ID: HGM2             Shot Date (year.moday) = 1994.0527
Shot Orientation:         Shot Time (hr:min) = 11:16
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	4	-010	000	99.98	1019.50	10208.09	11051.00	1	0.0958	40	0	0
2	4	-010	001	110.01	1020.20	10218.09	11051.20	1	0.0000	40	0	0
3	4	-010	002	119.93	1020.70	10228.00	11051.09	1	0.0000	40	0	0
4	4	-010	003	129.96	1021.40	10238.00	11051.29	1	0.1071	40	0	0
5	4	-010	004	139.99	1022.29	10248.00	11051.40	1	0.1115	40	0	0
6	4	-010	005	150.01	1022.90	10258.00	11051.40	1	0.1155	40	0	0
7	4	-010	006	159.94	1023.70	10267.90	11051.29	1	0.1168	40	0	0
8	4	-010	007	169.97	1024.50	10277.90	11051.29	1	0.1192	40	0	0
9	4	-010	008	179.88	1025.19	10287.79	11051.40	1	0.1195	40	0	0
10	4	-010	009	189.90	1025.80	10297.79	11051.40	1	0.1212	40	0	0
11	4	-010	010	199.92	1026.40	10307.79	11051.40	1	0.1265	40	0	0
12	4	-010	011	209.94	1027.00	10317.79	11051.40	1	0.1315	40	0	0
13	4	-010	012	219.93	1027.30	10327.79	11051.29	1	0.1338	40	0	0
14	4	-010	013	229.94	1027.69	10337.79	11051.59	1	0.1379	40	0	0
15	4	-010	014	239.93	1027.90	10347.79	11051.59	1	0.1415	40	0	0
16	4	-010	015	249.93	1028.09	10357.79	11051.50	1	0.1432	40	0	0
17	4	-010	016	259.84	1028.40	10367.70	11051.79	1	0.1432	40	0	0
18	4	-010	017	269.94	1028.90	10377.79	11051.79	1	0.1465	40	0	0
19	4	-010	018	279.94	1029.19	10387.79	11051.70	1	0.1502	40	0	0
20	4	-010	019	289.85	1029.50	10397.70	11051.00	1	0.1485	40	0	0
21	4	-010	020	299.85	1029.90	10407.70	11050.29	1	0.1509	40	0	0
22	4	-010	021	309.86	1030.30	10417.70	11050.40	1	0.1549	40	0	0
23	4	-010	022	319.85	1030.40	10427.70	11050.00	1	0.1602	40	0	0
24	4	-010	023	329.75	1030.80	10437.59	11049.40	1	0.1632	40	0	0
25	4	-010	024	339.95	1031.00	10447.79	11048.79	1	0.0000	40	0	0
26	4	-010	025	349.73	1031.00	10457.59	11049.00	1	0.0000	40	0	0
27	4	-010	026	359.74	1031.30	10467.59	11048.29	1	0.1756	40	0	0
28	4	-010	027	369.74	1031.59	10477.59	11047.79	1	0.0000	40	0	0
29	4	-010	028	379.85	1031.90	10487.70	11047.79	1	0.0000	40	0	0
30	4	-010	029	389.95	1032.19	10497.79	11047.70	1	0.0000	40	0	0
31	4	-010	030	399.95	1032.40	10507.79	11047.50	1	0.0000	40	0	0
32	4	-010	031	409.95	1032.69	10517.79	11047.29	1	0.0000	40	0	0
33	4	-010	032	420.06	1032.90	10527.90	11047.09	1	0.0000	40	0	0
34	4	-010	033	430.16	1033.19	10538.00	11047.29	1	0.0000	40	0	0
35	4	-010	034	440.36	1033.40	10548.20	11047.29	1	0.0000	40	0	0
36	4	-010	035	450.37	1033.80	10558.20	11047.20	1	0.0000	40	0	0
37	4	-010	036	460.37	1034.00	10568.20	11046.90	1	0.0000	40	0	0
38	4	-010	037	470.46	1034.30	10578.29	11046.70	1	0.0000	40	0	0
39	4	-010	038	480.46	1034.50	10588.29	11046.79	1	0.0000	40	0	0
40	4	-010	039	490.47	1034.80	10598.29	11046.70	1	0.0000	40	0	0
41	4	-010	040	500.47	1035.00	10608.29	11046.59	1	0.0000	40	0	0
42	4	-010	041	510.47	1035.30	10618.29	11046.29	1	0.0000	40	0	0
43	4	-010	042	520.47	1035.50	10628.29	11046.70	1	0.0000	40	0	0
44	4	-010	043	530.47	1035.80	10638.29	11046.70	1	0.0000	40	0	0
45	4	-010	044	540.47	1036.00	10648.29	11046.79	1	0.0000	40	0	0
46	4	-010	045	550.58	1036.30	10658.40	11046.79	1	0.0000	40	0	0
47	4	-010	046	560.68	1036.50	10668.50	11046.79	1	0.0000	40	0	0
48	4	-010	047	570.68	1036.69	10678.50	11047.50	1	0.0000	40	0	0

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hg56.txt

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PARTIAL SEG Y HEADER DUMP

hg56.seg

Length = 1000 samples
 Sample Interval = 0.00050 sec.
 Delay Time = 0 msec.
 Low Cut Filter = 32 Hz.
 High Cut Filter = 1000 Hz.
 Line ID: HGM3
 Shot Orientation:
 Azimuth= 0 Deg. Vertical= 0 Deg.

Shot Elevation = 1038.5
 Shot Depth = 3.3
 Up Hole Time = 0 msec
 Shot X-COORD = 11181.29
 Shot Y-COORD = 9635.59
 Shot Date (year.moday) = 1994.0527
 Shot Time (hr:min) = 13:59
 Charge Size (grams)= 0

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	1	001	001	3.31	1038.50	11181.20	9636.00	1	0.0000	40	0	0
2	1	001	002	10.61	1038.40	11189.20	9641.90	1	0.0000	40	0	0
3	1	001	003	20.29	1038.30	11197.50	9647.40	1	0.0000	40	0	0
4	1	001	004	30.21	1038.19	11205.59	9653.29	1	0.0000	40	0	0
5	1	001	005	40.18	1038.00	11213.90	9658.90	1	0.0000	40	0	0
6	1	001	006	50.28	1037.90	11222.20	9664.70	1	0.0000	40	0	0
7	1	001	007	60.10	1037.90	11230.29	9670.29	1	0.0000	40	0	0
8	1	001	008	70.26	1037.69	11239.00	9675.59	1	0.0000	40	0	0
9	1	001	009	80.20	1037.69	11247.29	9681.09	1	0.0000	40	0	0
10	1	001	010	90.31	1037.69	11255.70	9686.70	1	0.0000	40	0	0
11	1	001	011	100.20	1037.80	11263.79	9692.40	1	0.0000	40	0	0
12	1	001	012	110.18	1037.69	11272.00	9698.09	1	0.0000	40	0	0
13	1	001	013	120.08	1037.80	11280.09	9703.79	1	0.0000	40	0	0
14	1	001	014	130.16	1037.80	11288.40	9709.50	1	0.0000	40	0	0
15	1	001	015	140.11	1037.69	11296.70	9715.00	1	0.0000	40	0	0
16	1	001	016	150.10	1037.69	11304.70	9721.00	1	0.0000	40	0	0
17	1	001	017	160.08	1037.80	11313.09	9726.40	1	0.0000	40	0	0
18	1	001	018	170.12	1037.80	11321.29	9732.20	1	0.0000	40	0	0
19	1	001	019	180.10	1037.80	11329.90	9737.29	1	0.0000	40	0	0
20	1	001	020	190.00	1037.80	11338.00	9743.00	1	0.0000	40	0	0
21	1	001	021	199.81	1038.00	11347.00	9747.20	1	0.0000	40	0	0
22	1	001	022	209.68	1037.80	11356.00	9751.50	1	0.0000	40	0	0
23	1	001	023	219.55	1037.80	11364.00	9757.29	1	0.0000	40	0	0
24	1	001	024	229.59	1037.90	11372.20	9763.09	1	0.0000	40	0	0
25	1	001	025	239.60	1037.90	11380.50	9768.70	1	0.0000	40	0	0
26	1	001	026	249.60	1037.80	11388.59	9774.59	1	0.0000	40	0	0
27	1	001	027	259.54	1037.80	11396.79	9780.20	1	0.0000	40	0	0
28	1	001	028	269.53	1037.80	11405.00	9785.90	1	0.0000	40	0	0
29	1	001	029	279.65	1037.90	11413.29	9791.70	1	0.0000	40	0	0
30	1	001	030	289.54	1037.90	11421.79	9796.79	1	0.0000	40	0	0
31	1	001	031	299.47	1037.80	11430.20	9802.09	1	0.0000	40	0	0
32	1	001	032	309.43	1037.80	11438.70	9807.29	1	0.0000	40	0	0
33	1	001	033	319.52	1037.69	11447.29	9812.59	1	0.0000	40	0	0
34	1	001	034	329.43	1037.59	11455.40	9818.29	1	0.0000	40	0	0
35	1	001	035	339.46	1037.40	11463.59	9824.09	1	0.0000	40	0	0
36	1	001	036	349.53	1037.50	11471.70	9830.09	1	0.0000	40	0	0
37	1	001	037	359.54	1037.40	11479.79	9836.00	1	0.0000	40	0	0
38	1	001	038	369.44	1037.50	11488.09	9841.40	1	0.0000	40	0	0
39	1	001	039	379.60	1037.30	11496.29	9847.40	1	0.0000	40	0	0
40	1	001	040	389.47	1037.40	11504.70	9852.59	1	0.0000	40	0	0
41	1	001	041	399.40	1037.30	11513.09	9857.90	1	0.0000	40	0	0
42	1	001	042	409.38	1037.19	11521.50	9863.29	1	0.0000	40	0	0
43	1	001	043	419.42	1037.09	11530.09	9868.50	1	0.0000	40	0	0
44	1	001	044	429.34	1037.09	11538.29	9874.09	1	0.0000	40	0	0
45	1	001	045	439.36	1037.00	11546.59	9879.70	1	0.0000	40	0	0
46	1	001	046	449.35	1036.90	11555.00	9885.09	1	0.0000	40	0	0
47	1	001	047	459.28	1036.90	11563.20	9890.70	1	0.0000	40	0	0
48	1	001	048	469.24	1036.80	11571.70	9895.90	1	0.0000	40	0	0

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hg57.txt

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PARTIAL SEG Y HEADER DUMP

hg57.seg

```

Length = 1000 samples      Shot Elevation = 1035.0
Sample Interval = 0.00050 sec. Shot Depth = 2.6
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 11082.29
High Cut Filter = 1000 Hz. Shot Y-COORD = 9624.70
Line ID: HGM3             Shot Date (year.moday) = 1994.0527
Shot Orientation:         Shot Time (hr:min) = 14:08
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	2	-009	001	99.74	1038.50	11181.20	9636.00	1	0.0000	40	0	0
2	2	-009	002	108.45	1038.40	11189.20	9641.90	1	0.0000	40	0	0
3	2	-009	003	117.57	1038.30	11197.50	9647.40	1	0.0000	40	0	0
4	2	-009	004	126.70	1038.19	11205.59	9653.29	1	0.0000	40	0	0
5	2	-009	005	136.10	1038.00	11213.90	9658.90	1	0.0000	40	0	0
6	2	-009	006	145.62	1037.90	11222.20	9664.70	1	0.0000	40	0	0
7	2	-009	007	154.96	1037.90	11230.29	9670.29	1	0.0000	40	0	0
8	2	-009	008	164.85	1037.69	11239.00	9675.59	1	0.0000	40	0	0
9	2	-009	009	174.45	1037.69	11247.29	9681.09	1	0.0000	40	0	0
10	2	-009	010	184.24	1037.69	11255.70	9686.70	1	0.0000	40	0	0
11	2	-009	011	193.79	1037.80	11263.79	9692.40	1	0.0000	40	0	0
12	2	-009	012	203.48	1037.69	11272.00	9698.09	1	0.0000	40	0	0
13	2	-009	013	213.09	1037.80	11280.09	9703.79	1	0.0000	40	0	0
14	2	-009	014	222.94	1037.80	11288.40	9709.50	1	0.0000	40	0	0
15	2	-009	015	232.71	1037.69	11296.70	9715.00	1	0.0000	40	0	0
16	2	-009	016	242.42	1037.69	11304.70	9721.00	1	0.0000	40	0	0
17	2	-009	017	252.27	1037.80	11313.09	9726.40	1	0.0000	40	0	0
18	2	-009	018	262.12	1037.80	11321.29	9732.20	1	0.0000	40	0	0
19	2	-009	019	272.06	1037.80	11329.90	9737.29	1	0.0000	40	0	0
20	2	-009	020	281.80	1037.80	11338.00	9743.00	1	0.0000	40	0	0
21	2	-009	021	291.73	1038.00	11347.00	9747.20	1	0.0000	40	0	0
22	2	-009	022	301.70	1037.80	11356.00	9751.50	1	0.0000	40	0	0
23	2	-009	023	311.40	1037.80	11364.00	9757.29	1	0.0000	40	0	0
24	2	-009	024	321.29	1037.90	11372.20	9763.09	1	0.0000	40	0	0
25	2	-009	025	331.20	1037.90	11380.50	9768.70	1	0.0000	40	0	0
26	2	-009	026	341.05	1037.80	11388.59	9774.59	1	0.0000	40	0	0
27	2	-009	027	350.88	1037.80	11396.79	9780.20	1	0.0000	40	0	0
28	2	-009	028	360.77	1037.80	11405.00	9785.90	1	0.0000	40	0	0
29	2	-009	029	370.78	1037.90	11413.29	9791.70	1	0.0000	40	0	0
30	2	-009	030	380.66	1037.90	11421.79	9796.79	1	0.0000	40	0	0
31	2	-009	031	390.56	1037.80	11430.20	9802.09	1	0.0000	40	0	0
32	2	-009	032	400.49	1037.80	11438.70	9807.29	1	0.0000	40	0	0
33	2	-009	033	410.55	1037.69	11447.29	9812.59	1	0.0000	40	0	0
34	2	-009	034	420.37	1037.59	11455.40	9818.29	1	0.0000	40	0	0
35	2	-009	035	430.31	1037.40	11463.59	9824.09	1	0.0000	40	0	0
36	2	-009	036	440.29	1037.50	11471.70	9830.09	1	0.0000	40	0	0
37	2	-009	037	450.20	1037.40	11479.79	9836.00	1	0.0000	40	0	0
38	2	-009	038	460.06	1037.50	11488.09	9841.40	1	0.0000	40	0	0
39	2	-009	039	470.12	1037.30	11496.29	9847.40	1	0.0000	40	0	0
40	2	-009	040	479.99	1037.40	11504.70	9852.59	1	0.0000	40	0	0
41	2	-009	041	489.89	1037.30	11513.09	9857.90	1	0.0000	40	0	0
42	2	-009	042	499.85	1037.19	11521.50	9863.29	1	0.0000	40	0	0
43	2	-009	043	509.89	1037.09	11530.09	9868.50	1	0.0000	40	0	0
44	2	-009	044	519.76	1037.09	11538.29	9874.09	1	0.0000	40	0	0
45	2	-009	045	529.74	1037.00	11546.59	9879.70	1	0.0000	40	0	0
46	2	-009	046	539.70	1036.90	11555.00	9885.09	1	0.0000	40	0	0
47	2	-009	047	549.59	1036.90	11563.20	9890.70	1	0.0000	40	0	0
48	2	-009	048	559.55	1036.80	11571.70	9895.90	1	0.0000	40	0	0

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hg58.txt

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PARTIAL SEG Y HEADER DUMP

hg58.seg

```

Length = 2000 samples      Shot Elevation = 1038.0
Sample Interval = 0.00050 sec. Shot Depth = 3.2
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 11372.70
High Cut Filter = 1000 Hz. Shot Y-COORD = 9763.09
Line ID: HGM3             Shot Date (year.moday) = 1994.0527
Shot Orientation:         Shot Time (hr:min) = 14:21
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	3	024	001	229.86	1038.50	11181.20	9636.00	1	0.0000	40	0	0
2	3	024	002	219.94	1038.40	11189.20	9641.90	1	0.0000	40	0	0
3	3	024	003	209.98	1038.30	11197.50	9647.40	1	0.0000	40	0	0
4	3	024	004	199.98	1038.19	11205.59	9653.29	1	0.0000	40	0	0
5	3	024	005	189.96	1038.00	11213.90	9658.90	1	0.0000	40	0	0
6	3	024	006	179.83	1037.90	11222.20	9664.70	1	0.0000	40	0	0
7	3	024	007	170.01	1037.90	11230.29	9670.29	1	0.0000	40	0	0
8	3	024	008	159.81	1037.69	11239.00	9675.59	1	0.0000	40	0	0
9	3	024	009	149.87	1037.69	11247.29	9681.09	1	0.0000	40	0	0
10	3	024	010	139.76	1037.69	11255.70	9686.70	1	0.0000	40	0	0
11	3	024	011	129.87	1037.80	11263.79	9692.40	1	0.0000	40	0	0
12	3	024	012	119.89	1037.69	11272.00	9698.09	1	0.0000	40	0	0
13	3	024	013	110.01	1037.80	11280.09	9703.79	1	0.0000	40	0	0
14	3	024	014	99.94	1037.80	11288.40	9709.50	1	0.0000	40	0	0
15	3	024	015	89.98	1037.69	11296.70	9715.00	1	0.0000	40	0	0
16	3	024	016	80.02	1037.69	11304.70	9721.00	1	0.0000	40	0	0
17	3	024	017	70.06	1037.80	11313.09	9726.40	1	0.0000	40	0	0
18	3	024	018	60.05	1037.80	11321.29	9732.20	1	0.0000	40	0	0
19	3	024	019	50.06	1037.80	11329.90	9737.29	1	0.0000	40	0	0
20	3	024	020	40.21	1037.80	11338.00	9743.00	1	0.0000	40	0	0
21	3	024	021	30.38	1038.00	11347.00	9747.20	1	0.0000	40	0	0
22	3	024	022	20.55	1037.80	11356.00	9751.50	1	0.0000	40	0	0
23	3	024	023	10.88	1037.80	11364.00	9757.29	1	0.0000	40	0	0
24	3	024	024	3.14	1037.90	11372.20	9763.09	1	0.0000	40	0	0
25	3	024	025	10.10	1037.90	11380.50	9768.70	1	0.0000	40	0	0
26	3	024	026	19.84	1037.80	11388.59	9774.59	1	0.0000	40	0	0
27	3	024	027	29.70	1037.80	11396.79	9780.20	1	0.0000	40	0	0
28	3	024	028	39.66	1037.80	11405.00	9785.90	1	0.0000	40	0	0
29	3	024	029	49.76	1037.90	11413.29	9791.70	1	0.0000	40	0	0
30	3	024	030	59.62	1037.90	11421.79	9796.79	1	0.0000	40	0	0
31	3	024	031	69.54	1037.80	11430.20	9802.09	1	0.0000	40	0	0
32	3	024	032	79.49	1037.80	11438.70	9807.29	1	0.0000	40	0	0
33	3	024	033	89.57	1037.69	11447.29	9812.59	1	0.0000	40	0	0
34	3	024	034	99.47	1037.59	11455.40	9818.29	1	0.0000	40	0	0
35	3	024	035	109.49	1037.40	11463.59	9824.09	1	0.0000	40	0	0
36	3	024	036	119.57	1037.50	11471.70	9830.09	1	0.0000	40	0	0
37	3	024	037	129.58	1037.40	11479.79	9836.00	1	0.0000	40	0	0
38	3	024	038	139.48	1037.50	11488.09	9841.40	1	0.0000	40	0	0
39	3	024	039	149.63	1037.30	11496.29	9847.40	1	0.0000	40	0	0
40	3	024	040	159.50	1037.40	11504.70	9852.59	1	0.0000	40	0	0
41	3	024	041	169.42	1037.30	11513.09	9857.90	1	0.0000	40	0	0
42	3	024	042	179.41	1037.19	11521.50	9863.29	1	0.0000	40	0	0
43	3	024	043	189.44	1037.09	11530.09	9868.50	1	0.0000	40	0	0
44	3	024	044	199.36	1037.09	11538.29	9874.09	1	0.0000	40	0	0
45	3	024	045	209.38	1037.00	11546.59	9879.70	1	0.0000	40	0	0
46	3	024	046	219.37	1036.90	11555.00	9885.09	1	0.0000	40	0	0
47	3	024	047	229.30	1036.90	11563.20	9890.70	1	0.0000	40	0	0
48	3	024	048	239.26	1036.80	11571.70	9895.90	1	0.0000	40	0	0

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hg59.txt

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PARTIAL SEG Y HEADER DUMP

hg59.seg

```

Length = 2000 samples      Shot Elevation = 1036.9
Sample Interval = 0.00050 sec.  Shot Depth = 3.2
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 11571.79
High Cut Filter = 1000 Hz.    Shot Y-COORD = 9895.29
Line ID: HGM3                Shot Date (year.moday) = 1994.0527
Shot Orientation:            Shot Time (hr:min) = 15:20
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	4	048	001	468.84	1038.50	11181.20	9636.00	1	0.0000	40	0	0
2	4	048	002	458.92	1038.40	11189.20	9641.90	1	0.0000	40	0	0
3	4	048	003	448.96	1038.30	11197.50	9647.40	1	0.0000	40	0	0
4	4	048	004	438.96	1038.19	11205.59	9653.29	1	0.0000	40	0	0
5	4	048	005	428.93	1038.00	11213.90	9658.90	1	0.0000	40	0	0
6	4	048	006	418.81	1037.90	11222.20	9664.70	1	0.0000	40	0	0
7	4	048	007	408.98	1037.90	11230.29	9670.29	1	0.0000	40	0	0
8	4	048	008	398.79	1037.69	11239.00	9675.59	1	0.0000	40	0	0
9	4	048	009	388.84	1037.69	11247.29	9681.09	1	0.0000	40	0	0
10	4	048	010	378.73	1037.69	11255.70	9686.70	1	0.0000	40	0	0
11	4	048	011	368.84	1037.80	11263.79	9692.40	1	0.0000	40	0	0
12	4	048	012	358.86	1037.69	11272.00	9698.09	1	0.0000	40	0	0
13	4	048	013	348.97	1037.80	11280.09	9703.79	1	0.0000	40	0	0
14	4	048	014	338.89	1037.80	11288.40	9709.50	1	0.0000	40	0	0
15	4	048	015	328.93	1037.69	11296.70	9715.00	1	0.0000	40	0	0
16	4	048	016	318.95	1037.69	11304.70	9721.00	1	0.0000	40	0	0
17	4	048	017	308.98	1037.80	11313.09	9726.40	1	0.0000	40	0	0
18	4	048	018	298.94	1037.80	11321.29	9732.20	1	0.0000	40	0	0
19	4	048	019	288.95	1037.80	11329.90	9737.29	1	0.0000	40	0	0
20	4	048	020	279.05	1037.80	11338.00	9743.00	1	0.0000	40	0	0
21	4	048	021	269.22	1038.00	11347.00	9747.20	1	0.0000	40	0	0
22	4	048	022	259.34	1037.80	11356.00	9751.50	1	0.0000	40	0	0
23	4	048	023	249.47	1037.80	11364.00	9757.29	1	0.0000	40	0	0
24	4	048	024	239.44	1037.90	11372.20	9763.09	1	0.0000	40	0	0
25	4	048	025	229.42	1037.90	11380.50	9768.70	1	0.0000	40	0	0
26	4	048	026	219.43	1037.80	11388.59	9774.59	1	0.0000	40	0	0
27	4	048	027	209.49	1037.80	11396.79	9780.20	1	0.0000	40	0	0
28	4	048	028	199.50	1037.80	11405.00	9785.90	1	0.0000	40	0	0
29	4	048	029	189.40	1037.90	11413.29	9791.70	1	0.0000	40	0	0
30	4	048	030	179.50	1037.90	11421.79	9796.79	1	0.0000	40	0	0
31	4	048	031	169.56	1037.80	11430.20	9802.09	1	0.0000	40	0	0
32	4	048	032	159.60	1037.80	11438.70	9807.29	1	0.0000	40	0	0
33	4	048	033	149.52	1037.69	11447.29	9812.59	1	0.0000	40	0	0
34	4	048	034	139.61	1037.59	11455.40	9818.29	1	0.0000	40	0	0
35	4	048	035	129.58	1037.40	11463.59	9824.09	1	0.0000	40	0	0
36	4	048	036	119.51	1037.50	11471.70	9830.09	1	0.0000	40	0	0
37	4	048	037	109.51	1037.40	11479.79	9836.00	1	0.0000	40	0	0
38	4	048	038	99.62	1037.50	11488.09	9841.40	1	0.0000	40	0	0
39	4	048	039	89.48	1037.30	11496.29	9847.40	1	0.0000	40	0	0
40	4	048	040	79.61	1037.40	11504.70	9852.59	1	0.0000	40	0	0
41	4	048	041	69.69	1037.30	11513.09	9857.90	1	0.0000	40	0	0
42	4	048	042	59.71	1037.19	11521.50	9863.29	1	0.0000	40	0	0
43	4	048	043	49.68	1037.09	11530.09	9868.50	1	0.0000	40	0	0
44	4	048	044	39.79	1037.09	11538.29	9874.09	1	0.0000	40	0	0
45	4	048	045	29.82	1037.00	11546.59	9879.70	1	0.0000	40	0	0
46	4	048	046	19.90	1036.90	11555.00	9885.09	1	0.0000	40	0	0
47	4	048	047	10.25	1036.90	11563.20	9890.70	1	0.0000	40	0	0
48	4	048	048	3.16	1036.80	11571.70	9895.90	1	0.0000	40	0	0

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hg60.txt

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PARTIAL SEG Y HEADER DUMP

hg60.seg

```

Length = 2000 samples      Shot Elevation = 1037.2
Sample Interval = 0.00050 sec. Shot Depth = 2.6
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 11621.00
High Cut Filter = 1000 Hz. Shot Y-COORD = 9980.70
Line ID: HGM3              Shot Date (year.moday) = 1994.0527
Shot Orientation:          Shot Time (hr:min) = 15:28
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	5	058	001	558.80	1038.50	11181.20	9636.00	1	0.0000	40	0	0
2	5	058	002	548.86	1038.40	11189.20	9641.90	1	0.0000	40	0	0
3	5	058	003	538.94	1038.30	11197.50	9647.40	1	0.0000	40	0	0
4	5	058	004	528.94	1038.19	11205.59	9653.29	1	0.0000	40	0	0
5	5	058	005	518.94	1038.00	11213.90	9658.90	1	0.0000	40	0	0
6	5	058	006	508.83	1037.90	11222.20	9664.70	1	0.0000	40	0	0
7	5	058	007	499.02	1037.90	11230.29	9670.29	1	0.0000	40	0	0
8	5	058	008	488.90	1037.69	11239.00	9675.59	1	0.0000	40	0	0
9	5	058	009	478.99	1037.69	11247.29	9681.09	1	0.0000	40	0	0
10	5	058	010	468.92	1037.69	11255.70	9686.70	1	0.0000	40	0	0
11	5	058	011	459.05	1037.80	11263.79	9692.40	1	0.0000	40	0	0
12	5	058	012	449.09	1037.69	11272.00	9698.09	1	0.0000	40	0	0
13	5	058	013	439.21	1037.80	11280.09	9703.79	1	0.0000	40	0	0
14	5	058	014	429.16	1037.80	11288.40	9709.50	1	0.0000	40	0	0
15	5	058	015	419.26	1037.69	11296.70	9715.00	1	0.0000	40	0	0
16	5	058	016	409.27	1037.69	11304.70	9721.00	1	0.0000	40	0	0
17	5	058	017	399.36	1037.80	11313.09	9726.40	1	0.0000	40	0	0
18	5	058	018	389.34	1037.80	11321.29	9732.20	1	0.0000	40	0	0
19	5	058	019	379.47	1037.80	11329.90	9737.29	1	0.0000	40	0	0
20	5	058	020	369.60	1037.80	11338.00	9743.00	1	0.0000	40	0	0
21	5	058	021	360.01	1038.00	11347.00	9747.20	1	0.0000	40	0	0
22	5	058	022	350.38	1037.80	11356.00	9751.50	1	0.0000	40	0	0
23	5	058	023	340.55	1037.80	11364.00	9757.29	1	0.0000	40	0	0
24	5	058	024	330.55	1037.90	11372.20	9763.09	1	0.0000	40	0	0
25	5	058	025	320.62	1037.90	11380.50	9768.70	1	0.0000	40	0	0
26	5	058	026	310.65	1037.80	11388.59	9774.59	1	0.0000	40	0	0
27	5	058	027	300.80	1037.80	11396.79	9780.20	1	0.0000	40	0	0
28	5	058	028	290.88	1037.80	11405.00	9785.90	1	0.0000	40	0	0
29	5	058	029	280.85	1037.90	11413.29	9791.70	1	0.0000	40	0	0
30	5	058	030	271.14	1037.90	11421.79	9796.79	1	0.0000	40	0	0
31	5	058	031	261.37	1037.80	11430.20	9802.09	1	0.0000	40	0	0
32	5	058	032	251.62	1037.80	11438.70	9807.29	1	0.0000	40	0	0
33	5	058	033	241.76	1037.69	11447.29	9812.59	1	0.0000	40	0	0
34	5	058	034	231.97	1037.59	11455.40	9818.29	1	0.0000	40	0	0
35	5	058	035	222.06	1037.40	11463.59	9824.09	1	0.0000	40	0	0
36	5	058	036	212.09	1037.50	11471.70	9830.09	1	0.0000	40	0	0
37	5	058	037	202.20	1037.40	11479.79	9836.00	1	0.0000	40	0	0
38	5	058	038	192.56	1037.50	11488.09	9841.40	1	0.0000	40	0	0
39	5	058	039	182.56	1037.30	11496.29	9847.40	1	0.0000	40	0	0
40	5	058	040	173.05	1037.40	11504.70	9852.59	1	0.0000	40	0	0
41	5	058	041	163.50	1037.30	11513.09	9857.90	1	0.0000	40	0	0
42	5	058	042	153.92	1037.19	11521.50	9863.29	1	0.0000	40	0	0
43	5	058	043	144.43	1037.09	11530.09	9868.50	1	0.0000	40	0	0
44	5	058	044	134.96	1037.09	11538.29	9874.09	1	0.0000	40	0	0
45	5	058	045	125.47	1037.00	11546.59	9879.70	1	0.0000	40	0	0
46	5	058	046	116.20	1036.90	11555.00	9885.09	1	0.0000	40	0	0
47	5	058	047	106.99	1036.90	11563.20	9890.70	1	0.0000	40	0	0
48	5	058	048	98.11	1036.80	11571.70	9895.90	1	0.0000	40	0	0

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hg61.txt

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PARTIAL SEG Y HEADER DUMP

hg61.seg

```

Length = 1000 samples      Shot Elevation = 1017.5
Sample Interval = 0.00050 sec. Shot Depth = 3.3
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 9606.79
High Cut Filter = 1000 Hz. Shot Y-COORD = 11054.70
Line ID: HGM4             Shot Date (year.moday) = 1994.0605
Shot Orientation:         Shot Time (hr:min) = 13:30
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	1	-009	001	100.24	1019.29	9506.70	11056.70	1	0.0885	40	0	0
2	1	-009	002	110.23	1019.59	9496.70	11056.20	1	0.0938	40	0	0
3	1	-009	003	120.23	1019.70	9486.70	11056.40	1	0.0971	40	0	0
4	1	-009	004	130.23	1019.79	9476.70	11056.90	1	0.0985	40	0	0
5	1	-009	005	140.22	1019.79	9466.70	11057.20	1	0.0998	40	0	0
6	1	-009	006	150.22	1020.00	9456.70	11057.29	1	0.1035	40	0	0
7	1	-009	007	160.13	1020.09	9446.79	11057.20	1	0.1048	40	0	0
8	1	-009	008	170.21	1020.20	9436.70	11057.29	1	0.1065	40	0	0
9	1	-009	009	180.12	1020.29	9426.79	11057.09	1	0.1101	40	0	0
10	1	-009	010	190.12	1020.50	9416.79	11057.29	1	0.1125	40	0	0
11	1	-009	011	200.12	1020.70	9406.79	11057.29	1	0.1132	40	0	0
12	1	-009	012	210.12	1021.00	9396.79	11057.20	1	0.1165	40	0	0
13	1	-009	013	220.12	1021.20	9386.79	11057.00	1	0.1188	40	0	0
14	1	-009	014	230.13	1021.50	9376.79	11057.00	1	0.1218	40	0	0
15	1	-009	015	240.22	1021.70	9366.70	11057.20	1	0.1245	40	0	0
16	1	-009	016	250.02	1021.90	9356.90	11057.29	1	0.1282	40	0	0
17	1	-009	017	259.92	1022.00	9347.00	11057.29	1	0.1318	40	0	0
18	1	-009	018	270.02	1022.29	9336.90	11057.29	1	0.1358	40	0	0
19	1	-009	019	280.02	1022.40	9326.90	11057.40	1	0.0000	40	0	0
20	1	-009	020	290.02	1022.59	9316.90	11057.40	1	0.1435	40	0	0
21	1	-009	021	299.93	1022.90	9307.00	11057.50	1	0.1455	40	0	0
22	1	-009	022	309.93	1023.00	9297.00	11057.40	1	0.1429	40	0	0
23	1	-009	023	319.93	1023.20	9287.00	11057.29	1	0.1532	40	0	0
24	1	-009	024	329.93	1023.40	9277.00	11057.09	1	0.1515	40	0	0
25	1	-009	025	340.14	1023.70	9266.79	11056.90	1	0.1582	40	0	0
26	1	-009	026	350.03	1023.90	9256.90	11056.79	1	0.1646	40	0	0
27	1	-009	027	360.14	1024.19	9246.79	11056.59	1	0.0000	40	0	0
28	1	-009	028	369.73	1024.30	9237.20	11056.59	1	0.0000	40	0	0
29	1	-009	029	379.65	1024.59	9227.29	11056.90	1	0.1692	40	0	0
30	1	-009	030	389.65	1024.80	9217.29	11057.09	1	0.1769	40	0	0
31	1	-009	031	399.74	1025.00	9207.20	11057.09	1	0.0000	40	0	0
32	1	-009	032	409.66	1025.30	9197.29	11057.29	1	0.0000	40	0	0
33	1	-009	033	419.75	1025.50	9187.20	11057.09	1	0.1836	40	0	0
34	1	-009	034	429.66	1025.90	9177.29	11057.00	1	0.1883	40	0	0
35	1	-009	035	439.67	1026.19	9167.29	11057.29	1	0.1859	40	0	0
36	1	-009	036	449.46	1026.50	9157.50	11057.09	1	0.1923	40	0	0
37	1	-009	037	459.57	1026.80	9147.40	11057.00	1	0.0000	40	0	0
38	1	-009	038	469.58	1027.19	9137.40	11057.20	1	0.0000	40	0	0
39	1	-009	039	479.58	1027.50	9127.40	11057.50	1	0.0000	40	0	0
40	1	-009	040	489.59	1027.90	9117.40	11057.50	1	0.0000	40	0	0
41	1	-009	041	499.49	1028.19	9107.50	11057.70	1	0.0000	40	0	0
42	1	-009	042	509.50	1028.59	9097.50	11057.70	1	0.0000	40	0	0
43	1	-009	043	519.51	1029.09	9087.50	11057.70	1	0.0000	40	0	0
44	1	-009	044	529.52	1029.59	9077.50	11057.70	1	0.0000	40	0	0
45	1	-009	045	539.63	1030.09	9067.40	11057.59	1	0.0000	40	0	0
46	1	-009	046	549.54	1030.69	9057.50	11057.40	1	0.0000	40	0	0
47	1	-009	047	559.66	1031.30	9047.40	11057.50	1	0.0000	40	0	0
48	1	-009	048	570.07	1031.90	9037.00	11057.40	1	0.0000	40	0	0

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hg62.txt

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PARTIAL SEG Y HEADER DUMP

hg62.seg

Length = 1000 samples
 Sample Interval = 0.00050 sec.
 Delay Time = 0 msec.
 Low Cut Filter = 32 Hz.
 High Cut Filter = 1000 Hz.
 Line ID: HGM4
 Shot Orientation:
 Azimuth= 0 Deg. Vertical= 0 Deg.

Shot Elevation = 1018.7
 Shot Depth = 1.0
 Up Hole Time = 0 msec
 Shot X-COORD = 9507.79
 Shot Y-COORD = 11057.09
 Shot Date (year.moday) = 1994.0605
 Shot Time (hr:min) = 13:50
 Charge Size (grams)= 0

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	2	001	001	1.97	1019.29	9506.70	11056.70	1	0.0100	40	0	0
2	2	001	002	11.28	1019.59	9496.70	11056.20	1	0.0190	40	0	0
3	2	001	003	21.20	1019.70	9486.70	11056.40	1	0.0287	40	0	0
4	2	001	004	31.16	1019.79	9476.70	11056.90	1	0.0377	40	0	0
5	2	001	005	41.14	1019.79	9466.70	11057.20	1	0.0481	40	0	0
6	2	001	006	51.14	1020.00	9456.70	11057.29	1	0.0721	40	0	0
7	2	001	007	61.05	1020.09	9446.79	11057.20	1	0.0798	40	0	0
8	2	001	008	71.13	1020.20	9436.70	11057.29	1	0.0821	40	0	0
9	2	001	009	81.04	1020.29	9426.79	11057.09	1	0.0841	40	0	0
10	2	001	010	91.04	1020.50	9416.79	11057.29	1	0.0871	40	0	0
11	2	001	011	101.04	1020.70	9406.79	11057.29	1	0.0895	40	0	0
12	2	001	012	111.05	1021.00	9396.79	11057.20	1	0.0918	40	0	0
13	2	001	013	121.05	1021.20	9386.79	11057.00	1	0.0945	40	0	0
14	2	001	014	131.06	1021.50	9376.79	11057.00	1	0.0975	40	0	0
15	2	001	015	141.15	1021.70	9366.70	11057.20	1	0.1008	40	0	0
16	2	001	016	150.95	1021.90	9356.90	11057.29	1	0.1045	40	0	0
17	2	001	017	160.85	1022.00	9347.00	11057.29	1	0.1078	40	0	0
18	2	001	018	170.95	1022.29	9336.90	11057.29	1	0.1115	40	0	0
19	2	001	019	180.95	1022.40	9326.90	11057.40	1	0.1145	40	0	0
20	2	001	020	190.95	1022.59	9316.90	11057.40	1	0.1185	40	0	0
21	2	001	021	200.86	1022.90	9307.00	11057.50	1	0.1198	40	0	0
22	2	001	022	210.86	1023.00	9297.00	11057.40	1	0.1205	40	0	0
23	2	001	023	220.86	1023.20	9287.00	11057.29	1	0.0000	40	0	0
24	2	001	024	230.86	1023.40	9277.00	11057.09	1	0.1288	40	0	0
25	2	001	025	241.07	1023.70	9266.79	11056.90	1	0.1352	40	0	0
26	2	001	026	250.97	1023.90	9256.90	11056.79	1	0.1395	40	0	0
27	2	001	027	261.08	1024.19	9246.79	11056.59	1	0.1419	40	0	0
28	2	001	028	270.67	1024.30	9237.20	11056.59	1	0.1419	40	0	0
29	2	001	029	280.58	1024.59	9227.29	11056.90	1	0.1479	40	0	0
30	2	001	030	290.59	1024.80	9217.29	11057.09	1	0.1479	40	0	0
31	2	001	031	300.68	1025.00	9207.20	11057.09	1	0.0000	40	0	0
32	2	001	032	310.59	1025.30	9197.29	11057.29	1	0.1549	40	0	0
33	2	001	033	320.68	1025.50	9187.20	11057.09	1	0.1599	40	0	0
34	2	001	034	330.60	1025.90	9177.29	11057.00	1	0.1619	40	0	0
35	2	001	035	340.61	1026.19	9167.29	11057.29	1	0.1622	40	0	0
36	2	001	036	350.40	1026.50	9157.50	11057.09	1	0.1649	40	0	0
37	2	001	037	360.50	1026.80	9147.40	11057.00	1	0.1696	40	0	0
38	2	001	038	370.51	1027.19	9137.40	11057.20	1	0.1759	40	0	0
39	2	001	039	380.52	1027.50	9127.40	11057.50	1	0.1789	40	0	0
40	2	001	040	390.52	1027.90	9117.40	11057.50	1	0.1812	40	0	0
41	2	001	041	400.43	1028.19	9107.50	11057.70	1	0.1836	40	0	0
42	2	001	042	410.43	1028.59	9097.50	11057.70	1	0.0000	40	0	0
43	2	001	043	420.44	1029.09	9087.50	11057.70	1	0.1923	40	0	0
44	2	001	044	430.45	1029.59	9077.50	11057.70	1	0.1953	40	0	0
45	2	001	045	440.56	1030.09	9067.40	11057.59	1	0.1956	40	0	0
46	2	001	046	450.48	1030.69	9057.50	11057.40	1	0.1936	40	0	0
47	2	001	047	460.59	1031.30	9047.40	11057.50	1	0.2046	40	0	0
48	2	001	048	471.00	1031.90	9037.00	11057.40	1	0.0000	40	0	0

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hg63.txt

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PARTIAL SEG Y HEADER DUMP

hg63.seg

```

Length = 1000 samples      Shot Elevation = 1023.4
Sample Interval = 0.00050 sec.  Shot Depth = 3.2
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 9278.79
High Cut Filter = 1000 Hz.   Shot Y-COORD = 11056.79
Line ID: HGM4               Shot Date (year.moday) = 1994.0605
Shot Orientation:           Shot Time (hr:min) = 14:00
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	3	024	001	227.91	1019.29	9506.70	11056.70	1	0.0000	40	0	0
2	3	024	002	217.91	1019.59	9496.70	11056.20	1	0.1278	40	0	0
3	3	024	003	207.91	1019.70	9486.70	11056.40	1	0.1245	40	0	0
4	3	024	004	197.91	1019.79	9476.70	11056.90	1	0.1172	40	0	0
5	3	024	005	187.91	1019.79	9466.70	11057.20	1	0.1142	40	0	0
6	3	024	006	177.91	1020.00	9456.70	11057.29	1	0.1128	40	0	0
7	3	024	007	168.00	1020.09	9446.79	11057.20	1	0.1111	40	0	0
8	3	024	008	157.91	1020.20	9436.70	11057.29	1	0.1098	40	0	0
9	3	024	009	148.00	1020.29	9426.79	11057.09	1	0.1068	40	0	0
10	3	024	010	138.00	1020.50	9416.79	11057.29	1	0.1035	40	0	0
11	3	024	011	128.00	1020.70	9406.79	11057.29	1	0.1021	40	0	0
12	3	024	012	118.00	1021.00	9396.79	11057.20	1	0.1011	40	0	0
13	3	024	013	108.00	1021.20	9386.79	11057.00	1	0.0995	40	0	0
14	3	024	014	98.01	1021.50	9376.79	11057.00	1	0.0965	40	0	0
15	3	024	015	87.92	1021.70	9366.70	11057.20	1	0.0955	40	0	0
16	3	024	016	78.13	1021.90	9356.90	11057.29	1	0.0945	40	0	0
17	3	024	017	68.24	1022.00	9347.00	11057.29	1	0.0921	40	0	0
18	3	024	018	58.15	1022.29	9336.90	11057.29	1	0.0938	40	0	0
19	3	024	019	48.16	1022.40	9326.90	11057.40	1	0.0784	40	0	0
20	3	024	020	38.19	1022.59	9316.90	11057.40	1	0.0651	40	0	0
21	3	024	021	28.35	1022.90	9307.00	11057.50	1	0.0521	40	0	0
22	3	024	022	18.43	1023.00	9297.00	11057.40	1	0.0357	40	0	0
23	3	024	023	8.76	1023.20	9287.00	11057.29	1	0.0083	40	0	0
24	3	024	024	3.68	1023.40	9277.00	11057.09	1	0.0043	40	0	0
25	3	024	025	12.50	1023.70	9266.79	11056.90	1	0.0093	40	0	0
26	3	024	026	22.20	1023.90	9256.90	11056.79	1	0.0180	40	0	0
27	3	024	027	32.25	1024.19	9246.79	11056.59	1	0.0240	40	0	0
28	3	024	028	41.79	1024.30	9237.20	11056.59	1	0.0584	40	0	0
29	3	024	029	51.69	1024.59	9227.29	11056.90	1	0.0644	40	0	0
30	3	024	030	61.67	1024.80	9217.29	11057.09	1	0.0698	40	0	0
31	3	024	031	71.75	1025.00	9207.20	11057.09	1	0.0881	40	0	0
32	3	024	032	81.66	1025.30	9197.29	11057.29	1	0.1018	40	0	0
33	3	024	033	91.74	1025.50	9187.20	11057.09	1	0.1132	40	0	0
34	3	024	034	101.66	1025.90	9177.29	11057.00	1	0.1185	40	0	0
35	3	024	035	111.66	1026.19	9167.29	11057.29	1	0.1185	40	0	0
36	3	024	036	121.45	1026.50	9157.50	11057.09	1	0.1228	40	0	0
37	3	024	037	131.56	1026.80	9147.40	11057.00	1	0.1272	40	0	0
38	3	024	038	141.56	1027.19	9137.40	11057.20	1	0.1308	40	0	0
39	3	024	039	151.57	1027.50	9127.40	11057.50	1	0.1345	40	0	0
40	3	024	040	161.57	1027.90	9117.40	11057.50	1	0.1385	40	0	0
41	3	024	041	171.48	1028.19	9107.50	11057.70	1	0.1412	40	0	0
42	3	024	042	181.49	1028.59	9097.50	11057.70	1	0.1429	40	0	0
43	3	024	043	191.50	1029.09	9087.50	11057.70	1	0.1435	40	0	0
44	3	024	044	201.51	1029.59	9077.50	11057.70	1	0.1459	40	0	0
45	3	024	045	211.62	1030.09	9067.40	11057.59	1	0.1505	40	0	0
46	3	024	046	221.54	1030.69	9057.50	11057.40	1	0.1532	40	0	0
47	3	024	047	231.66	1031.30	9047.40	11057.50	1	0.1575	40	0	0
48	3	024	048	242.07	1031.90	9037.00	11057.40	1	0.1612	40	0	0

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hg64.txt

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PARTIAL SEG Y HEADER DUMP

hg64.seg

```

Length = 1000 samples      Shot Elevation = 1031.9
Sample Interval = 0.00050 sec. Shot Depth = 3.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 9039.29
High Cut Filter = 1000 Hz. Shot Y-COORD = 11058.20
Line ID: HGM4              Shot Date (year.moday) = 1994.0605
Shot Orientation:          Shot Time (hr:min) = 14:30
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	4	048	001	467.51	1019.29	9506.70	11056.70	1	0.0000	40	0	0
2	4	048	002	457.51	1019.59	9496.70	11056.20	1	0.0000	40	0	0
3	4	048	003	447.51	1019.70	9486.70	11056.40	1	0.0000	40	0	0
4	4	048	004	437.51	1019.79	9476.70	11056.90	1	0.2016	40	0	0
5	4	048	005	427.51	1019.79	9466.70	11057.20	1	0.1973	40	0	0
6	4	048	006	417.51	1020.00	9456.70	11057.29	1	0.1969	40	0	0
7	4	048	007	407.60	1020.09	9446.79	11057.20	1	0.1926	40	0	0
8	4	048	008	397.51	1020.20	9436.70	11057.29	1	0.1933	40	0	0
9	4	048	009	387.60	1020.29	9426.79	11057.09	1	0.1883	40	0	0
10	4	048	010	377.59	1020.50	9416.79	11057.29	1	0.1839	40	0	0
11	4	048	011	367.59	1020.70	9406.79	11057.29	1	0.1846	40	0	0
12	4	048	012	357.59	1021.00	9396.79	11057.20	1	0.1832	40	0	0
13	4	048	013	347.59	1021.20	9386.79	11057.00	1	0.1792	40	0	0
14	4	048	014	337.58	1021.50	9376.79	11057.00	1	0.1776	40	0	0
15	4	048	015	327.49	1021.70	9366.70	11057.20	1	0.1776	40	0	0
16	4	048	016	317.69	1021.90	9356.90	11057.29	1	0.1762	40	0	0
17	4	048	017	307.79	1022.00	9347.00	11057.29	1	0.1766	40	0	0
18	4	048	018	297.69	1022.29	9336.90	11057.29	1	0.1709	40	0	0
19	4	048	019	287.68	1022.40	9326.90	11057.40	1	0.1722	40	0	0
20	4	048	020	277.68	1022.59	9316.90	11057.40	1	0.1719	40	0	0
21	4	048	021	267.78	1022.90	9307.00	11057.50	1	0.1676	40	0	0
22	4	048	022	257.78	1023.00	9297.00	11057.40	1	0.1615	40	0	0
23	4	048	023	247.78	1023.20	9287.00	11057.29	1	0.1642	40	0	0
24	4	048	024	237.78	1023.40	9277.00	11057.09	1	0.1686	40	0	0
25	4	048	025	227.56	1023.70	9266.79	11056.90	1	0.1629	40	0	0
26	4	048	026	217.67	1023.90	9256.90	11056.79	1	0.1585	40	0	0
27	4	048	027	207.56	1024.19	9246.79	11056.59	1	0.1595	40	0	0
28	4	048	028	197.97	1024.30	9237.20	11056.59	1	0.0000	40	0	0
29	4	048	029	188.05	1024.59	9227.29	11056.90	1	0.1482	40	0	0
30	4	048	030	178.05	1024.80	9217.29	11057.09	1	0.1519	40	0	0
31	4	048	031	167.96	1025.00	9207.20	11057.09	1	0.0000	40	0	0
32	4	048	032	158.04	1025.30	9197.29	11057.29	1	0.1432	40	0	0
33	4	048	033	147.95	1025.50	9187.20	11057.09	1	0.1422	40	0	0
34	4	048	034	138.04	1025.90	9177.29	11057.00	1	0.1395	40	0	0
35	4	048	035	128.03	1026.19	9167.29	11057.29	1	0.1375	40	0	0
36	4	048	036	118.24	1026.50	9157.50	11057.09	1	0.1322	40	0	0
37	4	048	037	108.14	1026.80	9147.40	11057.00	1	0.1298	40	0	0
38	4	048	038	98.13	1027.19	9137.40	11057.20	1	0.1148	40	0	0
39	4	048	039	88.12	1027.50	9127.40	11057.50	1	0.1142	40	0	0
40	4	048	040	78.12	1027.90	9117.40	11057.50	1	0.0000	40	0	0
41	4	048	041	68.22	1028.19	9107.50	11057.70	1	0.0000	40	0	0
42	4	048	042	58.21	1028.59	9097.50	11057.70	1	0.0000	40	0	0
43	4	048	043	48.21	1029.09	9087.50	11057.70	1	0.0000	40	0	0
44	4	048	044	38.22	1029.59	9077.50	11057.70	1	0.0247	40	0	0
45	4	048	045	28.14	1030.09	9067.40	11057.59	1	0.0194	40	0	0
46	4	048	046	18.32	1030.69	9057.50	11057.40	1	0.0150	40	0	0
47	4	048	047	8.49	1031.30	9047.40	11057.50	1	0.0100	40	0	0
48	4	048	048	3.86	1031.90	9037.00	11057.40	1	0.0053	40	0	0

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hg65.txt

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PARTIAL SEG Y HEADER DUMP

hg65.seg

```

Length = 1000 samples      Shot Elevation = 1032.3
Sample Interval = 0.00050 sec. Shot Depth = 3.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 9029.40
High Cut Filter = 1000 Hz. Shot Y-COORD = 11057.90
Line ID: HGM4             Shot Date (year.moday) = 1994.0605
Shot Orientation:         Shot Time (hr:min) = 14:45
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	5	049	025	237.46	1023.70	9266.79	11056.90	1	0.1666	40	0	0
2	5	049	026	227.57	1023.90	9256.90	11056.79	1	0.1642	40	0	0
3	5	049	027	217.45	1024.19	9246.79	11056.59	1	0.1662	40	0	0
4	5	049	028	207.86	1024.30	9237.20	11056.59	1	0.1656	40	0	0
5	5	049	029	197.95	1024.59	9227.29	11056.90	1	0.1562	40	0	0
6	5	049	030	187.95	1024.80	9217.29	11057.09	1	0.1542	40	0	0
7	5	049	031	177.85	1025.00	9207.20	11057.09	1	0.0000	40	0	0
8	5	049	032	167.94	1025.30	9197.29	11057.29	1	0.1489	40	0	0
9	5	049	033	157.85	1025.50	9187.20	11057.09	1	0.1442	40	0	0
10	5	049	034	147.93	1025.90	9177.29	11057.00	1	0.1432	40	0	0
11	5	049	035	137.93	1026.19	9167.29	11057.29	1	0.1409	40	0	0
12	5	049	036	128.13	1026.50	9157.50	11057.09	1	0.1379	40	0	0
13	5	049	037	118.03	1026.80	9147.40	11057.00	1	0.1265	40	0	0
14	5	049	038	108.02	1027.19	9137.40	11057.20	1	0.1272	40	0	0
15	5	049	039	98.02	1027.50	9127.40	11057.50	1	0.0901	40	0	0
16	5	049	040	88.01	1027.90	9117.40	11057.50	1	0.0848	40	0	0
17	5	049	041	78.11	1028.19	9107.50	11057.70	1	0.0774	40	0	0
18	5	049	042	68.10	1028.59	9097.50	11057.70	1	0.0781	40	0	0
19	5	049	043	58.10	1029.09	9087.50	11057.70	1	0.0681	40	0	0
20	5	049	044	48.10	1029.59	9077.50	11057.70	1	0.0551	40	0	0
21	5	049	045	38.01	1030.09	9067.40	11057.59	1	0.0434	40	0	0
22	5	049	046	28.14	1030.69	9057.50	11057.40	1	0.0207	40	0	0
23	5	049	047	18.12	1031.30	9047.40	11057.50	1	0.0150	40	0	0
24	5	049	048	8.05	1031.90	9037.00	11057.40	1	0.0103	40	0	0
25	5	049	049	3.85	1032.30	9027.00	11057.59	1	0.0063	40	0	0
26	5	049	050	12.86	1032.69	9017.00	11057.79	1	0.0107	40	0	0
27	5	049	051	22.72	1033.09	9007.00	11057.79	1	0.0160	40	0	0
28	5	049	052	32.67	1033.50	8997.00	11057.59	1	0.0230	40	0	0
29	5	049	053	42.55	1033.80	8987.09	11057.59	1	0.0334	40	0	0
30	5	049	054	52.63	1034.19	8977.00	11057.59	1	0.0561	40	0	0
31	5	049	055	62.62	1034.59	8967.00	11057.79	1	0.0624	40	0	0
32	5	049	056	72.53	1034.90	8957.09	11057.90	1	0.0691	40	0	0
33	5	049	057	82.31	1035.09	8947.29	11057.90	1	0.0854	40	0	0
34	5	049	058	92.61	1035.50	8937.00	11058.29	1	0.0000	40	0	0
35	5	049	059	102.32	1035.80	8927.29	11058.00	1	0.1165	40	0	0
36	5	049	060	112.10	1035.90	8917.50	11058.09	1	0.1288	40	0	0
37	5	049	061	122.51	1036.19	8907.09	11058.40	1	0.0000	40	0	0
38	5	049	062	132.50	1036.30	8897.09	11058.29	1	0.1435	40	0	0
39	5	049	063	142.58	1036.40	8887.00	11058.40	1	0.1545	40	0	0
40	5	049	064	152.48	1036.50	8877.09	11058.00	1	0.1592	40	0	0
41	5	049	065	162.06	1036.59	8867.50	11058.00	1	0.1642	40	0	0
42	5	049	066	172.56	1036.80	8857.00	11057.70	1	0.1699	40	0	0
43	5	049	067	181.97	1036.90	8847.59	11058.00	1	0.0000	40	0	0
44	5	049	068	192.52	1036.00	8837.00	11057.00	1	0.0000	40	0	0
45	5	049	069	202.51	1036.00	8827.00	11057.00	1	0.0000	40	0	0
46	5	049	070	212.51	1036.00	8817.00	11057.00	1	0.0000	40	0	0
47	5	049	071	222.50	1036.00	8807.00	11057.00	1	0.0000	40	0	0
48	5	049	072	232.50	1036.00	8797.00	11057.00	1	0.0000	40	0	0

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hg66.txt

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PARTIAL SEG Y HEADER DUMP

hg66.seg

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Length = 1000 samples      Shot Elevation = 1027.5
Sample Interval = 0.00050 sec.  Shot Depth = 3.5
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 9129.50
High Cut Filter = 1000 Hz.    Shot Y-COORD = 11057.59
Line ID: HGM4                Shot Date (year.moday) = 1994.0605
Shot Orientation:            Shot Time (hr:min) = 15:00
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	6	039	025	137.29	1023.70	9266.79	11056.90	1	0.1342	40	0	0
2	6	039	026	127.40	1023.90	9256.90	11056.79	1	0.1305	40	0	0
3	6	039	027	117.29	1024.19	9246.79	11056.59	1	0.1288	40	0	0
4	6	039	028	107.71	1024.30	9237.20	11056.59	1	0.1248	40	0	0
5	6	039	029	97.79	1024.59	9227.29	11056.90	1	0.1232	40	0	0
6	6	039	030	87.80	1024.80	9217.29	11057.09	1	0.1248	40	0	0
7	6	039	031	77.71	1025.00	9207.20	11057.09	1	0.1132	40	0	0
8	6	039	032	67.80	1025.30	9197.29	11057.29	1	0.0908	40	0	0
9	6	039	033	57.72	1025.50	9187.20	11057.09	1	0.0581	40	0	0
10	6	039	034	47.83	1025.90	9177.29	11057.00	1	0.0447	40	0	0
11	6	039	035	37.85	1026.19	9167.29	11057.29	1	0.0394	40	0	0
12	6	039	036	28.12	1026.50	9157.50	11057.09	1	0.0294	40	0	0
13	6	039	037	18.13	1026.80	9147.40	11057.00	1	0.0174	40	0	0
14	6	039	038	8.53	1027.19	9137.40	11057.20	1	0.0080	40	0	0
15	6	039	039	4.08	1027.50	9127.40	11057.50	1	0.0057	40	0	0
16	6	039	040	12.71	1027.90	9117.40	11057.50	1	0.0134	40	0	0
17	6	039	041	22.40	1028.19	9107.50	11057.70	1	0.0190	40	0	0
18	6	039	042	32.33	1028.59	9097.50	11057.70	1	0.0260	40	0	0
19	6	039	043	42.31	1029.09	9087.50	11057.70	1	0.0391	40	0	0
20	6	039	044	52.30	1029.59	9077.50	11057.70	1	0.0471	40	0	0
21	6	039	045	62.40	1030.09	9067.40	11057.59	1	0.0504	40	0	0
22	6	039	046	72.31	1030.69	9057.50	11057.40	1	0.0888	40	0	0
23	6	039	047	82.42	1031.30	9047.40	11057.50	1	0.0995	40	0	0
24	6	039	048	92.84	1031.90	9037.00	11057.40	1	0.0978	40	0	0
25	6	039	049	102.84	1032.30	9027.00	11057.59	1	0.1038	40	0	0
26	6	039	050	112.84	1032.69	9017.00	11057.79	1	0.1115	40	0	0
27	6	039	051	122.84	1033.09	9007.00	11057.79	1	0.1225	40	0	0
28	6	039	052	132.84	1033.50	8997.00	11057.59	1	0.1379	40	0	0
29	6	039	053	142.75	1033.80	8987.09	11057.59	1	0.1425	40	0	0
30	6	039	054	152.84	1034.19	8977.00	11057.59	1	0.1475	40	0	0
31	6	039	055	162.84	1034.59	8967.00	11057.79	1	0.1515	40	0	0
32	6	039	056	172.75	1034.90	8957.09	11057.90	1	0.1545	40	0	0
33	6	039	057	182.55	1035.09	8947.29	11057.90	1	0.1559	40	0	0
34	6	039	058	192.84	1035.50	8937.00	11058.29	1	0.0000	40	0	0
35	6	039	059	202.55	1035.80	8927.29	11058.00	1	0.1646	40	0	0
36	6	039	060	212.33	1035.90	8917.50	11058.09	1	0.1682	40	0	0
37	6	039	061	222.75	1036.19	8907.09	11058.40	1	0.0000	40	0	0
38	6	039	062	232.74	1036.30	8897.09	11058.29	1	0.1726	40	0	0
39	6	039	063	242.82	1036.40	8887.00	11058.40	1	0.1749	40	0	0
40	6	039	064	252.72	1036.50	8877.09	11058.00	1	0.1762	40	0	0
41	6	039	065	262.30	1036.59	8867.50	11058.00	1	0.1846	40	0	0
42	6	039	066	272.80	1036.80	8857.00	11057.70	1	0.1836	40	0	0
43	6	039	067	282.21	1036.90	8847.59	11058.00	1	0.0000	40	0	0
44	6	039	068	292.75	1036.00	8837.00	11057.00	1	0.0000	40	0	0
45	6	039	069	302.74	1036.00	8827.00	11057.00	1	0.0000	40	0	0
46	6	039	070	312.73	1036.00	8817.00	11057.00	1	0.0000	40	0	0
47	6	039	071	322.72	1036.00	8807.00	11057.00	1	0.0000	40	0	0
48	6	039	072	332.72	1036.00	8797.00	11057.00	1	0.0000	40	0	0

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hg67.txt

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 PARTIAL SEG Y HEADER DUMP

hg67.seg

```

Length = 1000 samples      Shot Elevation = 1036.4
Sample Interval = 0.00050 sec.  Shot Depth = 3.3
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 8749.00
High Cut Filter = 1000 Hz.   Shot Y-COORD = 11056.50
Line ID: HGM4               Shot Date (year.moday) = 1994.0605
Shot Orientation:           Shot Time (hr:min) = 15:15
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0
  
```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	7	077	025	517.88	1023.70	9266.79	11056.90	1	0.0000	40	0	0
2	7	077	026	507.98	1023.90	9256.90	11056.79	1	0.0000	40	0	0
3	7	077	027	497.87	1024.19	9246.79	11056.59	1	0.0000	40	0	0
4	7	077	028	488.28	1024.30	9237.20	11056.59	1	0.0000	40	0	0
5	7	077	029	478.37	1024.59	9227.29	11056.90	1	0.0000	40	0	0
6	7	077	030	468.36	1024.80	9217.29	11057.09	1	0.0000	40	0	0
7	7	077	031	458.27	1025.00	9207.20	11057.09	1	0.0000	40	0	0
8	7	077	032	448.36	1025.30	9197.29	11057.29	1	0.0000	40	0	0
9	7	077	033	438.27	1025.50	9187.20	11057.09	1	0.0000	40	0	0
10	7	077	034	428.35	1025.90	9177.29	11057.00	1	0.0000	40	0	0
11	7	077	035	418.35	1026.19	9167.29	11057.29	1	0.0000	40	0	0
12	7	077	036	408.55	1026.50	9157.50	11057.09	1	0.0000	40	0	0
13	7	077	037	398.45	1026.80	9147.40	11057.00	1	0.0000	40	0	0
14	7	077	038	388.45	1027.19	9137.40	11057.20	1	0.0000	40	0	0
15	7	077	039	378.44	1027.50	9127.40	11057.50	1	0.0000	40	0	0
16	7	077	040	368.44	1027.90	9117.40	11057.50	1	0.0000	40	0	0
17	7	077	041	358.54	1028.19	9107.50	11057.70	1	0.0000	40	0	0
18	7	077	042	348.53	1028.59	9097.50	11057.70	1	0.0000	40	0	0
19	7	077	043	338.53	1029.09	9087.50	11057.70	1	0.1906	40	0	0
20	7	077	044	328.52	1029.59	9077.50	11057.70	1	0.1909	40	0	0
21	7	077	045	318.42	1030.09	9067.40	11057.59	1	0.1893	40	0	0
22	7	077	046	308.51	1030.69	9057.50	11057.40	1	0.1876	40	0	0
23	7	077	047	298.41	1031.30	9047.40	11057.50	1	0.1852	40	0	0
24	7	077	048	288.00	1031.90	9037.00	11057.40	1	0.1852	40	0	0
25	7	077	049	278.00	1032.30	9027.00	11057.59	1	0.1796	40	0	0
26	7	077	050	268.00	1032.69	9017.00	11057.79	1	0.1762	40	0	0
27	7	077	051	258.00	1033.09	9007.00	11057.79	1	0.1749	40	0	0
28	7	077	052	248.00	1033.50	8997.00	11057.59	1	0.1736	40	0	0
29	7	077	053	238.09	1033.80	8987.09	11057.59	1	0.1729	40	0	0
30	7	077	054	228.01	1034.19	8977.00	11057.59	1	0.1712	40	0	0
31	7	077	055	218.01	1034.59	8967.00	11057.79	1	0.1709	40	0	0
32	7	077	056	208.10	1034.90	8957.09	11057.90	1	0.1689	40	0	0
33	7	077	057	198.30	1035.09	8947.29	11057.90	1	0.1659	40	0	0
34	7	077	058	188.02	1035.50	8937.00	11058.29	1	0.0000	40	0	0
35	7	077	059	178.32	1035.80	8927.29	11058.00	1	0.1646	40	0	0
36	7	077	060	168.53	1035.90	8917.50	11058.09	1	0.1622	40	0	0
37	7	077	061	158.13	1036.19	8907.09	11058.40	1	0.0000	40	0	0
38	7	077	062	148.13	1036.30	8897.09	11058.29	1	0.1569	40	0	0
39	7	077	063	138.05	1036.40	8887.00	11058.40	1	0.1565	40	0	0
40	7	077	064	128.14	1036.50	8877.09	11058.00	1	0.1562	40	0	0
41	7	077	065	118.56	1036.59	8867.50	11058.00	1	0.1485	40	0	0
42	7	077	066	108.07	1036.80	8857.00	11057.70	1	0.1419	40	0	0
43	7	077	067	98.67	1036.90	8847.59	11058.00	1	0.1298	40	0	0
44	7	077	068	88.05	1036.00	8837.00	11057.00	1	0.0000	40	0	0
45	7	077	069	78.05	1036.00	8827.00	11057.00	1	0.0000	40	0	0
46	7	077	070	68.06	1036.00	8817.00	11057.00	1	0.0000	40	0	0
47	7	077	071	58.07	1036.00	8807.00	11057.00	1	0.0000	40	0	0
48	7	077	072	48.09	1036.00	8797.00	11057.00	1	0.0000	40	0	0

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hg68.txt

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 PARTIAL SEG Y HEADER DUMP

hg68.seg

```

Length = 1000 samples      Shot Elevation = 1011.3
Sample Interval = 0.00050 sec. Shot Depth = 3.7
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.   Shot X-COORD = 7904.10
High Cut Filter = 1000 Hz. Shot Y-COORD = 11305.09
Line ID: HGM5             Shot Date (year.moday) = 1994.0605
Shot Orientation:         Shot Time (hr:min) = 16:15
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0
  
```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	1	-001	001	10.17	1011.29	7906.39	11295.90	1	0.0247	40	0	0
2	1	-001	002	19.74	1011.29	7906.89	11285.90	1	0.0461	40	0	0
3	1	-001	003	29.96	1011.09	7908.00	11275.59	1	0.0631	40	0	0
4	1	-001	004	39.59	1010.79	7907.70	11265.79	1	0.0744	40	0	0
5	1	-001	005	49.56	1010.90	7907.89	11255.79	1	0.0874	40	0	0
6	1	-001	006	59.55	1011.00	7908.29	11245.79	1	0.1001	40	0	0
7	1	-001	007	69.55	1011.00	7908.89	11235.79	1	0.1068	40	0	0
8	1	-001	008	79.46	1011.00	7909.70	11225.90	1	0.0878	40	0	0
9	1	-001	009	89.37	1010.90	7910.29	11216.00	1	0.0918	40	0	0
10	1	-001	010	99.77	1010.70	7910.70	11205.59	1	0.0901	40	0	0
11	1	-001	011	109.65	1010.50	7911.00	11195.70	1	0.0911	40	0	0
12	1	-001	012	120.03	1010.29	7911.10	11185.29	1	0.0925	40	0	0
13	1	-001	013	129.73	1010.20	7911.29	11175.59	1	0.0958	40	0	0
14	1	-001	014	140.12	1010.09	7911.70	11165.20	1	0.0971	40	0	0
15	1	-001	015	149.75	1010.40	7912.29	11155.59	1	0.0978	40	0	0
16	1	-001	016	160.15	1010.90	7912.60	11145.20	1	0.1028	40	0	0
17	1	-001	017	170.17	1011.20	7913.10	11135.20	1	0.1058	40	0	0
18	1	-001	018	179.78	1011.29	7913.50	11125.59	1	0.1085	40	0	0
19	1	-001	019	190.21	1011.50	7914.50	11115.20	1	0.1125	40	0	0
20	1	-001	020	199.95	1011.70	7915.39	11105.50	1	0.1152	40	0	0
21	1	-001	021	210.20	1011.79	7916.29	11095.29	1	0.1162	40	0	0
22	1	-001	022	220.02	1011.70	7917.29	11085.50	1	0.1178	40	0	0
23	1	-001	023	229.56	1011.29	7918.29	11076.00	1	0.1172	40	0	0
24	1	-001	024	240.18	1011.09	7919.10	11065.40	1	0.1192	40	0	0
25	1	-001	025	249.57	1011.29	7919.20	11056.00	1	0.1235	40	0	0
26	1	-001	026	259.35	1012.09	7920.39	11046.29	1	0.1275	40	0	0
27	1	-001	027	269.07	1012.79	7922.50	11036.70	1	0.1292	40	0	0
28	1	-001	028	279.12	1013.20	7924.70	11026.79	1	0.1335	40	0	0
29	1	-001	029	288.87	1013.50	7927.10	11017.20	1	0.1365	40	0	0
30	1	-001	030	298.39	1013.70	7928.79	11007.79	1	0.1365	40	0	0
31	1	-001	031	308.27	1013.90	7931.29	10998.09	1	0.1412	40	0	0
32	1	-001	032	318.11	1013.90	7933.50	10988.40	1	0.1455	40	0	0
33	1	-001	033	327.99	1013.90	7935.79	10978.70	1	0.1505	40	0	0
34	1	-001	034	337.98	1014.50	7938.10	10968.90	1	0.1545	40	0	0
35	1	-001	035	347.86	1015.00	7940.29	10959.20	1	0.1552	40	0	0
36	1	-001	036	357.75	1015.09	7942.60	10949.50	1	0.1589	40	0	0
37	1	-001	037	368.15	1015.00	7945.00	10939.29	1	0.1615	40	0	0
38	1	-001	038	377.85	1014.59	7947.39	10929.79	1	0.1609	40	0	0
39	1	-001	039	387.48	1014.29	7950.00	10920.40	1	0.1615	40	0	0
40	1	-001	040	396.86	1014.00	7952.89	10911.29	1	0.1632	40	0	0
41	1	-001	041	407.49	1013.79	7955.50	10900.90	1	0.1686	40	0	0
42	1	-001	042	417.08	1013.90	7958.29	10891.59	1	0.1746	40	0	0
43	1	-001	043	427.04	1013.70	7961.00	10881.90	1	0.1742	40	0	0
44	1	-001	044	436.94	1013.50	7963.79	10872.29	1	0.1756	40	0	0
45	1	-001	045	446.81	1013.59	7966.50	10862.70	1	0.1799	40	0	0
46	1	-001	046	456.61	1013.70	7969.29	10853.20	1	0.1796	40	0	0
47	1	-001	047	466.34	1014.09	7972.89	10843.90	1	0.1816	40	0	0
48	1	-001	048	475.98	1014.70	7976.50	10834.70	1	0.1896	40	0	0

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hg69.txt

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PARTIAL SEG Y HEADER DUMP

hg69.seg

```

Length = 1000 samples          Shot Elevation = 1011.3
Sample Interval = 0.00050 sec. Shot Depth = 2.3
Delay Time = 0 msec.           Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.        Shot X-COORD = 7886.89
High Cut Filter = 1000 Hz.     Shot Y-COORD = 11403.79
Line ID: HGM5                 Shot Date (year.moday) = 1994.0605
Shot Orientation:              Shot Time (hr:min) = 16:30
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	2	-010	001	109.66	1011.29	7906.39	11295.90	1	0.0958	40	0	0
2	2	-010	002	119.60	1011.29	7906.89	11285.90	1	0.0975	40	0	0
3	2	-010	003	129.94	1011.09	7908.00	11275.59	1	0.1015	40	0	0
4	2	-010	004	139.57	1010.79	7907.70	11265.79	1	0.1028	40	0	0
5	2	-010	005	149.49	1010.90	7907.89	11255.79	1	0.1038	40	0	0
6	2	-010	006	159.46	1011.00	7908.29	11245.79	1	0.1055	40	0	0
7	2	-010	007	169.45	1011.00	7908.89	11235.79	1	0.1068	40	0	0
8	2	-010	008	179.36	1011.00	7909.70	11225.90	1	0.1108	40	0	0
9	2	-010	009	189.25	1010.90	7910.29	11216.00	1	0.1135	40	0	0
10	2	-010	010	199.63	1010.70	7910.70	11205.59	1	0.1142	40	0	0
11	2	-010	011	209.49	1010.50	7911.00	11195.70	1	0.1152	40	0	0
12	2	-010	012	219.84	1010.29	7911.10	11185.29	1	0.1178	40	0	0
13	2	-010	013	229.50	1010.20	7911.29	11175.59	1	0.1182	40	0	0
14	2	-010	014	239.88	1010.09	7911.70	11165.20	1	0.1202	40	0	0
15	2	-010	015	249.50	1010.40	7912.29	11155.59	1	0.1218	40	0	0
16	2	-010	016	259.87	1010.90	7912.60	11145.20	1	0.1248	40	0	0
17	2	-010	017	269.87	1011.20	7913.10	11135.20	1	0.1292	40	0	0
18	2	-010	018	279.48	1011.29	7913.50	11125.59	1	0.1315	40	0	0
19	2	-010	019	289.92	1011.50	7914.50	11115.20	1	0.1362	40	0	0
20	2	-010	020	299.66	1011.70	7915.39	11105.50	1	0.1362	40	0	0
21	2	-010	021	309.91	1011.79	7916.29	11095.29	1	0.1392	40	0	0
22	2	-010	022	319.75	1011.70	7917.29	11085.50	1	0.0000	40	0	0
23	2	-010	023	329.30	1011.29	7918.29	11076.00	1	0.1412	40	0	0
24	2	-010	024	339.93	1011.09	7919.10	11065.40	1	0.1429	40	0	0
25	2	-010	025	349.30	1011.29	7919.20	11056.00	1	0.1469	40	0	0
26	2	-010	026	359.08	1012.09	7920.39	11046.29	1	0.1495	40	0	0
27	2	-010	027	368.83	1012.79	7922.50	11036.70	1	0.1539	40	0	0
28	2	-010	028	378.91	1013.20	7924.70	11026.79	1	0.1595	40	0	0
29	2	-010	029	388.70	1013.50	7927.10	11017.20	1	0.1595	40	0	0
30	2	-010	030	398.24	1013.70	7928.79	11007.79	1	0.1615	40	0	0
31	2	-010	031	408.15	1013.90	7931.29	10998.09	1	0.1662	40	0	0
32	2	-010	032	418.03	1013.90	7933.50	10988.40	1	0.1709	40	0	0
33	2	-010	033	427.92	1013.90	7935.79	10978.70	1	0.1749	40	0	0
34	2	-010	034	437.93	1014.50	7938.10	10968.90	1	0.1789	40	0	0
35	2	-010	035	447.83	1015.00	7940.29	10959.20	1	0.1806	40	0	0
36	2	-010	036	457.73	1015.09	7942.60	10949.50	1	0.1809	40	0	0
37	2	-010	037	468.16	1015.00	7945.00	10939.29	1	0.1852	40	0	0
38	2	-010	038	477.88	1014.59	7947.39	10929.79	1	0.1839	40	0	0
39	2	-010	039	487.52	1014.29	7950.00	10920.40	1	0.1839	40	0	0
40	2	-010	040	496.93	1014.00	7952.89	10911.29	1	0.1846	40	0	0
41	2	-010	041	507.57	1013.79	7955.50	10900.90	1	0.1889	40	0	0
42	2	-010	042	517.18	1013.90	7958.29	10891.59	1	0.0000	40	0	0
43	2	-010	043	527.15	1013.70	7961.00	10881.90	1	0.0000	40	0	0
44	2	-010	044	537.05	1013.50	7963.79	10872.29	1	0.1959	40	0	0
45	2	-010	045	546.93	1013.59	7966.50	10862.70	1	0.2019	40	0	0
46	2	-010	046	556.74	1013.70	7969.29	10853.20	1	0.2036	40	0	0
47	2	-010	047	566.48	1014.09	7972.89	10843.90	1	0.2066	40	0	0
48	2	-010	048	576.13	1014.70	7976.50	10834.70	1	0.0000	40	0	0

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hg70.txt

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PARTIAL SEG Y HEADER DUMP

hg70.seg

```

Length = 1000 samples      Shot Elevation = 1011.2
Sample Interval = 0.00050 sec. Shot Depth = 3.7
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 7920.20
High Cut Filter = 1000 Hz. Shot Y-COORD = 11065.79
Line ID: HGM5              Shot Date (year.moday) = 1994.0605
Shot Orientation:          Shot Time (hr:min) = 16:40
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	3	024	001	230.56	1011.29	7906.39	11295.90	1	0.1162	40	0	0
2	3	024	002	220.54	1011.29	7906.89	11285.90	1	0.1142	40	0	0
3	3	024	003	210.18	1011.09	7908.00	11275.59	1	0.1098	40	0	0
4	3	024	004	200.42	1010.79	7907.70	11265.79	1	0.1075	40	0	0
5	3	024	005	190.43	1010.90	7907.89	11255.79	1	0.1041	40	0	0
6	3	024	006	180.43	1011.00	7908.29	11245.79	1	0.1008	40	0	0
7	3	024	007	170.41	1011.00	7908.89	11235.79	1	0.0971	40	0	0
8	3	024	008	160.49	1011.00	7909.70	11225.90	1	0.0965	40	0	0
9	3	024	009	150.57	1010.90	7910.29	11216.00	1	0.0948	40	0	0
10	3	024	010	140.16	1010.70	7910.70	11205.59	1	0.0908	40	0	0
11	3	024	011	130.27	1010.50	7911.00	11195.70	1	0.0874	40	0	0
12	3	024	012	119.88	1010.29	7911.10	11185.29	1	0.0838	40	0	0
13	3	024	013	110.19	1010.20	7911.29	11175.59	1	0.0821	40	0	0
14	3	024	014	99.81	1010.09	7911.70	11165.20	1	0.0794	40	0	0
15	3	024	015	90.19	1010.40	7912.29	11155.59	1	0.0768	40	0	0
16	3	024	016	79.85	1010.90	7912.60	11145.20	1	0.0748	40	0	0
17	3	024	017	69.87	1011.20	7913.10	11135.20	1	0.0731	40	0	0
18	3	024	018	60.29	1011.29	7913.50	11125.59	1	0.0691	40	0	0
19	3	024	019	49.90	1011.50	7914.50	11115.20	1	0.0691	40	0	0
20	3	024	020	40.22	1011.70	7915.39	11105.50	1	0.0674	40	0	0
21	3	024	021	30.07	1011.79	7916.29	11095.29	1	0.0567	40	0	0
22	3	024	022	20.36	1011.70	7917.29	11085.50	1	0.0457	40	0	0
23	3	024	023	11.06	1011.29	7918.29	11076.00	1	0.0270	40	0	0
24	3	024	024	3.77	1011.09	7919.10	11065.40	1	0.0040	40	0	0
25	3	024	025	10.55	1011.29	7919.20	11056.00	1	0.0274	40	0	0
26	3	024	026	20.03	1012.09	7920.39	11046.29	1	0.0471	40	0	0
27	3	024	027	29.66	1012.79	7922.50	11036.70	1	0.0587	40	0	0
28	3	024	028	39.67	1013.20	7924.70	11026.79	1	0.0691	40	0	0
29	3	024	029	49.44	1013.50	7927.10	11017.20	1	0.0738	40	0	0
30	3	024	030	58.96	1013.70	7928.79	11007.79	1	0.0744	40	0	0
31	3	024	031	68.90	1013.90	7931.29	10998.09	1	0.0788	40	0	0
32	3	024	032	78.78	1013.90	7933.50	10988.40	1	0.0824	40	0	0
33	3	024	033	88.71	1013.90	7935.79	10978.70	1	0.0854	40	0	0
34	3	024	034	98.78	1014.50	7938.10	10968.90	1	0.0891	40	0	0
35	3	024	035	108.73	1015.00	7940.29	10959.20	1	0.0895	40	0	0
36	3	024	036	118.67	1015.09	7942.60	10949.50	1	0.0925	40	0	0
37	3	024	037	129.13	1015.00	7945.00	10939.29	1	0.0971	40	0	0
38	3	024	038	138.87	1014.59	7947.39	10929.79	1	0.0935	40	0	0
39	3	024	039	148.57	1014.29	7950.00	10920.40	1	0.0948	40	0	0
40	3	024	040	158.05	1014.00	7952.89	10911.29	1	0.0971	40	0	0
41	3	024	041	168.74	1013.79	7955.50	10900.90	1	0.0991	40	0	0
42	3	024	042	178.43	1013.90	7958.29	10891.59	1	0.1038	40	0	0
43	3	024	043	188.46	1013.70	7961.00	10881.90	1	0.1061	40	0	0
44	3	024	044	198.44	1013.50	7963.79	10872.29	1	0.1091	40	0	0
45	3	024	045	208.39	1013.59	7966.50	10862.70	1	0.1111	40	0	0
46	3	024	046	218.27	1013.70	7969.29	10853.20	1	0.1132	40	0	0
47	3	024	047	228.15	1014.09	7972.89	10843.90	1	0.1162	40	0	0
48	3	024	048	237.96	1014.70	7976.50	10834.70	1	0.1245	40	0	0

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hg71.txt

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PARTIAL SEG Y HEADER DUMP

hg71.seg

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Length = 1000 samples      Shot Elevation = 1014.0
Sample Interval = 0.00050 sec.  Shot Depth = 3.7
Delay Time = 0 msec.        Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.      Shot X-COORD = 7974.20
High Cut Filter = 1000 Hz.    Shot Y-COORD = 10842.59
Line ID: HGM5                Shot Date (year.moday) = 1994.0605
Shot Orientation:            Shot Time (hr:min) = 16:50
Azimuth= 0 Deg.  Vertical= 0 Deg.  Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	4	047	001	458.36	1011.29	7906.39	11295.90	1	0.1809	40	0	0
2	4	047	002	448.39	1011.29	7906.89	11285.90	1	0.1786	40	0	0
3	4	047	003	438.03	1011.09	7908.00	11275.59	1	0.1749	40	0	0
4	4	047	004	428.39	1010.79	7907.70	11265.79	1	0.1712	40	0	0
5	4	047	005	418.49	1010.90	7907.89	11255.79	1	0.1682	40	0	0
6	4	047	006	408.55	1011.00	7908.29	11245.79	1	0.1676	40	0	0
7	4	047	007	398.59	1011.00	7908.89	11235.79	1	0.1632	40	0	0
8	4	047	008	388.70	1011.00	7909.70	11225.90	1	0.1639	40	0	0
9	4	047	009	378.84	1010.90	7910.29	11216.00	1	0.1609	40	0	0
10	4	047	010	368.51	1010.70	7910.70	11205.59	1	0.1565	40	0	0
11	4	047	011	358.72	1010.50	7911.00	11195.70	1	0.1519	40	0	0
12	4	047	012	348.46	1010.29	7911.10	11185.29	1	0.1489	40	0	0
13	4	047	013	338.89	1010.20	7911.29	11175.59	1	0.1469	40	0	0
14	4	047	014	328.61	1010.09	7911.70	11165.20	1	0.1442	40	0	0
15	4	047	015	319.06	1010.40	7912.29	11155.59	1	0.1409	40	0	0
16	4	047	016	308.82	1010.90	7912.60	11145.20	1	0.1395	40	0	0
17	4	047	017	298.92	1011.20	7913.10	11135.20	1	0.1375	40	0	0
18	4	047	018	289.44	1011.29	7913.50	11125.59	1	0.1352	40	0	0
19	4	047	019	279.07	1011.50	7914.50	11115.20	1	0.1342	40	0	0
20	4	047	020	269.41	1011.70	7915.39	11105.50	1	0.1315	40	0	0
21	4	047	021	259.26	1011.79	7916.29	11095.29	1	0.1278	40	0	0
22	4	047	022	249.49	1011.70	7917.29	11085.50	1	0.1262	40	0	0
23	4	047	023	240.02	1011.29	7918.29	11076.00	1	0.1225	40	0	0
24	4	047	024	229.52	1011.09	7919.10	11065.40	1	0.1198	40	0	0
25	4	047	025	220.39	1011.29	7919.20	11056.00	1	0.1202	40	0	0
26	4	047	026	210.70	1012.09	7920.39	11046.29	1	0.1175	40	0	0
27	4	047	027	200.89	1012.79	7922.50	11036.70	1	0.1165	40	0	0
28	4	047	028	190.76	1013.20	7924.70	11026.79	1	0.1148	40	0	0
29	4	047	029	180.88	1013.50	7927.10	11017.20	1	0.1148	40	0	0
30	4	047	030	171.36	1013.70	7928.79	11007.79	1	0.1118	40	0	0
31	4	047	031	161.35	1013.90	7931.29	10998.09	1	0.1111	40	0	0
32	4	047	032	151.43	1013.90	7933.50	10988.40	1	0.1111	40	0	0
33	4	047	033	141.47	1013.90	7935.79	10978.70	1	0.1098	40	0	0
34	4	047	034	131.44	1014.50	7938.10	10968.90	1	0.1091	40	0	0
35	4	047	035	121.53	1015.00	7940.29	10959.20	1	0.1071	40	0	0
36	4	047	036	111.59	1015.09	7942.60	10949.50	1	0.1055	40	0	0
37	4	047	037	101.12	1015.00	7945.00	10939.29	1	0.1018	40	0	0
38	4	047	038	91.33	1014.59	7947.39	10929.79	1	0.0958	40	0	0
39	4	047	039	81.58	1014.29	7950.00	10920.40	1	0.0931	40	0	0
40	4	047	040	72.02	1014.00	7952.89	10911.29	1	0.0885	40	0	0
41	4	047	041	61.34	1013.79	7955.50	10900.90	1	0.0864	40	0	0
42	4	047	042	51.64	1013.90	7958.29	10891.59	1	0.0848	40	0	0
43	4	047	043	41.61	1013.70	7961.00	10881.90	1	0.0771	40	0	0
44	4	047	044	31.63	1013.50	7963.79	10872.29	1	0.0634	40	0	0
45	4	047	045	21.78	1013.59	7966.50	10862.70	1	0.0471	40	0	0
46	4	047	046	12.18	1013.70	7969.29	10853.20	1	0.0247	40	0	0
47	4	047	047	4.22	1014.09	7972.89	10843.90	1	0.0050	40	0	0
48	4	047	048	9.32	1014.70	7976.50	10834.70	1	0.0210	40	0	0

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hg72.txt

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PARTIAL SEG Y HEADER DUMP

hg72.seg

```

Length = 1000 samples          Shot Elevation = 1015.6
Sample Interval = 0.00050 sec. Shot Depth = 3.7
Delay Time = 0 msec.           Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.        Shot X-COORD = 7977.70
High Cut Filter = 1000 Hz.     Shot Y-COORD = 10741.29
Line ID: HGM5                 Shot Date (year.moday) = 1994.0605
Shot Orientation:              Shot Time (hr:min) = 16:55
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	5	058	001	559.18	1011.29	7906.39	11295.90	1	0.2043	40	0	0
2	5	058	002	549.19	1011.29	7906.89	11285.90	1	0.2009	40	0	0
3	5	058	003	538.83	1011.09	7908.00	11275.59	1	0.2023	40	0	0
4	5	058	004	529.15	1010.79	7907.70	11265.79	1	0.1936	40	0	0
5	5	058	005	519.22	1010.90	7907.89	11255.79	1	0.1883	40	0	0
6	5	058	006	509.25	1011.00	7908.29	11245.79	1	0.1893	40	0	0
7	5	058	007	499.27	1011.00	7908.89	11235.79	1	0.0000	40	0	0
8	5	058	008	489.36	1011.00	7909.70	11225.90	1	0.1862	40	0	0
9	5	058	009	479.47	1010.90	7910.29	11216.00	1	0.1819	40	0	0
10	5	058	010	469.11	1010.70	7910.70	11205.59	1	0.1762	40	0	0
11	5	058	011	459.28	1010.50	7911.00	11195.70	1	0.1722	40	0	0
12	5	058	012	448.97	1010.29	7911.10	11185.29	1	0.1679	40	0	0
13	5	058	013	439.35	1010.20	7911.29	11175.59	1	0.1682	40	0	0
14	5	058	014	429.02	1010.09	7911.70	11165.20	1	0.1676	40	0	0
15	5	058	015	419.43	1010.40	7912.29	11155.59	1	0.1629	40	0	0
16	5	058	016	409.12	1010.90	7912.60	11145.20	1	0.1619	40	0	0
17	5	058	017	399.17	1011.20	7913.10	11135.20	1	0.1582	40	0	0
18	5	058	018	389.63	1011.29	7913.50	11125.59	1	0.1575	40	0	0
19	5	058	019	379.21	1011.50	7914.50	11115.20	1	0.1575	40	0	0
20	5	058	020	369.50	1011.70	7915.39	11105.50	1	0.0000	40	0	0
21	5	058	021	359.29	1011.79	7916.29	11095.29	1	0.1502	40	0	0
22	5	058	022	349.47	1011.70	7917.29	11085.50	1	0.1482	40	0	0
23	5	058	023	339.94	1011.29	7918.29	11076.00	1	0.1449	40	0	0
24	5	058	024	329.37	1011.09	7919.10	11065.40	1	0.1419	40	0	0
25	5	058	025	320.10	1011.29	7919.20	11056.00	1	0.1379	40	0	0
26	5	058	026	310.34	1012.09	7920.39	11046.29	1	0.1395	40	0	0
27	5	058	027	300.52	1012.79	7922.50	11036.70	1	0.1368	40	0	0
28	5	058	028	290.38	1013.20	7924.70	11026.79	1	0.1355	40	0	0
29	5	058	029	280.52	1013.50	7927.10	11017.20	1	0.1345	40	0	0
30	5	058	030	270.96	1013.70	7928.79	11007.79	1	0.1332	40	0	0
31	5	058	031	260.97	1013.90	7931.29	10998.09	1	0.1325	40	0	0
32	5	058	032	251.04	1013.90	7933.50	10988.40	1	0.1315	40	0	0
33	5	058	033	241.09	1013.90	7935.79	10978.70	1	0.1315	40	0	0
34	5	058	034	231.04	1014.50	7938.10	10968.90	1	0.1302	40	0	0
35	5	058	035	221.12	1015.00	7940.29	10959.20	1	0.1288	40	0	0
36	5	058	036	211.17	1015.09	7942.60	10949.50	1	0.1268	40	0	0
37	5	058	037	200.71	1015.00	7945.00	10939.29	1	0.1225	40	0	0
38	5	058	038	190.94	1014.59	7947.39	10929.79	1	0.1158	40	0	0
39	5	058	039	181.26	1014.29	7950.00	10920.40	1	0.1148	40	0	0
40	5	058	040	171.81	1014.00	7952.89	10911.29	1	0.1118	40	0	0
41	5	058	041	161.16	1013.79	7955.50	10900.90	1	0.1098	40	0	0
42	5	058	042	151.56	1013.90	7958.29	10891.59	1	0.1095	40	0	0
43	5	058	043	141.61	1013.70	7961.00	10881.90	1	0.1051	40	0	0
44	5	058	044	131.75	1013.50	7963.79	10872.29	1	0.1051	40	0	0
45	5	058	045	121.94	1013.59	7966.50	10862.70	1	0.1035	40	0	0
46	5	058	046	112.24	1013.70	7969.29	10853.20	1	0.1028	40	0	0
47	5	058	047	102.75	1014.09	7972.89	10843.90	1	0.1018	40	0	0
48	5	058	048	93.46	1014.70	7976.50	10834.70	1	0.1015	40	0	0

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hg73.txt

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PARTIAL SEG Y HEADER DUMP

hg73.seg

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Length = 1000 samples      Shot Elevation = 1018.0
Sample Interval = 0.00050 sec. Shot Depth = 3.3
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 10200.79
High Cut Filter = 1000 Hz. Shot Y-COORD = 10248.40
Line ID: HGM6             Shot Date (year.moday) = 1994.0606
Shot Orientation:         Shot Time (hr:min) = 10:25
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	1	025	001	237.68	1020.50	9963.20	10245.50	1	0.0000	40	0	0
2	1	025	002	227.66	1019.79	9973.20	10246.20	1	0.1485	40	0	0
3	1	025	003	217.65	1019.40	9983.20	10246.09	1	0.1450	40	0	0
4	1	025	004	207.65	1019.20	9993.20	10246.20	1	0.1425	40	0	0
5	1	025	005	197.76	1019.09	10003.09	10246.40	1	0.1430	40	0	0
6	1	025	006	187.76	1019.00	10013.09	10246.70	1	0.1395	40	0	0
7	1	025	007	177.76	1018.90	10023.09	10246.90	1	0.1365	40	0	0
8	1	025	008	167.76	1018.90	10033.09	10247.20	1	0.1350	40	0	0
9	1	025	009	157.76	1018.79	10043.09	10247.20	1	0.0000	40	0	0
10	1	025	010	147.75	1018.59	10053.09	10247.29	1	0.1315	40	0	0
11	1	025	011	137.84	1018.40	10063.00	10247.20	1	0.1310	40	0	0
12	1	025	012	127.76	1018.29	10073.09	10247.20	1	0.1330	40	0	0
13	1	025	013	117.76	1018.20	10083.09	10247.20	1	0.1485	40	0	0
14	1	025	014	107.76	1018.20	10093.09	10247.20	1	0.1285	40	0	0
15	1	025	015	97.85	1018.09	10103.00	10247.29	1	0.1240	40	0	0
16	1	025	016	87.86	1018.00	10113.00	10247.29	1	0.1180	40	0	0
17	1	025	017	77.86	1017.90	10123.00	10247.40	1	0.1090	40	0	0
18	1	025	018	67.87	1017.90	10133.00	10247.40	1	0.1010	40	0	0
19	1	025	019	57.88	1017.79	10143.00	10247.50	1	0.0885	40	0	0
20	1	025	020	47.81	1017.79	10153.09	10247.50	1	0.0755	40	0	0
21	1	025	021	37.92	1017.79	10163.00	10247.70	1	0.0505	40	0	0
22	1	025	022	27.96	1017.79	10173.00	10247.79	1	0.0490	40	0	0
23	1	025	023	18.08	1017.90	10183.00	10247.70	1	0.0340	40	0	0
24	1	025	024	8.44	1017.90	10193.00	10247.70	1	0.0160	40	0	0
25	1	025	025	3.94	1018.00	10202.90	10247.79	1	0.0045	40	0	0
26	1	025	026	12.54	1018.00	10212.90	10248.29	1	0.0160	40	0	0
27	1	025	027	22.36	1018.09	10222.90	10248.29	1	0.0285	40	0	0
28	1	025	028	32.29	1018.09	10232.90	10248.40	1	0.0390	40	0	0
29	1	025	029	42.25	1018.20	10242.90	10248.59	1	0.0520	40	0	0
30	1	025	030	52.33	1018.29	10253.00	10248.50	1	0.0695	40	0	0
31	1	025	031	62.22	1018.40	10262.90	10248.59	1	0.0795	40	0	0
32	1	025	032	72.21	1018.50	10272.90	10248.70	1	0.0905	40	0	0
33	1	025	033	82.20	1018.59	10282.90	10248.79	1	0.1020	40	0	0
34	1	025	034	92.30	1018.79	10293.00	10248.90	1	0.1195	40	0	0
35	1	025	035	102.20	1018.90	10302.90	10248.90	1	0.1305	40	0	0
36	1	025	036	112.19	1019.00	10312.90	10248.79	1	0.1300	40	0	0
37	1	025	037	122.08	1019.09	10322.79	10248.90	1	0.1320	40	0	0
38	1	025	038	132.29	1019.20	10333.00	10249.00	1	0.1355	40	0	0
39	1	025	039	142.07	1019.29	10342.79	10248.90	1	0.1405	40	0	0
40	1	025	040	152.18	1019.29	10352.90	10248.90	1	0.1420	40	0	0
41	1	025	041	162.18	1019.40	10362.90	10248.79	1	0.0000	40	0	0
42	1	025	042	172.07	1019.50	10372.79	10248.79	1	0.1480	40	0	0
43	1	025	043	181.98	1019.59	10382.70	10248.70	1	0.1500	40	0	0
44	1	025	044	192.06	1019.70	10392.79	10248.50	1	0.1525	40	0	0
45	1	025	045	202.07	1019.90	10402.79	10248.59	1	0.0000	40	0	0
46	1	025	046	212.18	1020.00	10412.90	10248.50	1	0.0000	40	0	0
47	1	025	047	222.07	1020.20	10422.79	10248.59	1	0.0000	40	0	0
48	1	025	048	231.98	1020.50	10432.70	10248.90	1	0.0000	40	0	0

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hg74.txt

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PARTIAL SEG Y HEADER DUMP

hg74.seg

Length = 1000 samples
 Sample Interval = 0.00050 sec.
 Delay Time = 0 msec.
 Low Cut Filter = 32 Hz.
 High Cut Filter = 1000 Hz.
 Line ID: HGM6
 Shot Orientation:
 Azimuth= 0 Deg. Vertical= 0 Deg.

Shot Elevation = 1020.3
 Shot Depth = 3.2
 Up Hole Time = 0 msec
 Shot X-COORD = 10430.59
 Shot Y-COORD = 10243.00
 Shot Date (year.moday) = 1994.0606
 Shot Time (hr:min) = 10:45
 Charge Size (grams)= 0

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	2	048	001	467.41	1020.50	9963.20	10245.50	1	0.0000	40	0	0
2	2	048	002	457.41	1019.79	9973.20	10246.20	1	0.0000	40	0	0
3	2	048	003	447.41	1019.40	9983.20	10246.09	1	0.0000	40	0	0
4	2	048	004	437.41	1019.20	9993.20	10246.20	1	0.0000	40	0	0
5	2	048	005	427.52	1019.09	10003.09	10246.40	1	0.0000	40	0	0
6	2	048	006	417.52	1019.00	10013.09	10246.70	1	0.0000	40	0	0
7	2	048	007	407.52	1018.90	10023.09	10246.90	1	0.0000	40	0	0
8	2	048	008	397.53	1018.90	10033.09	10247.20	1	0.0000	40	0	0
9	2	048	009	387.53	1018.79	10043.09	10247.20	1	0.0000	40	0	0
10	2	048	010	377.53	1018.59	10053.09	10247.29	1	0.0000	40	0	0
11	2	048	011	367.62	1018.40	10063.00	10247.20	1	0.0000	40	0	0
12	2	048	012	357.53	1018.29	10073.09	10247.20	1	0.0000	40	0	0
13	2	048	013	347.53	1018.20	10083.09	10247.20	1	0.0000	40	0	0
14	2	048	014	337.53	1018.20	10093.09	10247.20	1	0.0000	40	0	0
15	2	048	015	327.62	1018.09	10103.00	10247.29	1	0.0000	40	0	0
16	2	048	016	317.62	1018.00	10113.00	10247.29	1	0.0000	40	0	0
17	2	048	017	307.62	1017.90	10123.00	10247.40	1	0.0000	40	0	0
18	2	048	018	297.62	1017.90	10133.00	10247.40	1	0.0000	40	0	0
19	2	048	019	287.63	1017.79	10143.00	10247.50	1	0.0000	40	0	0
20	2	048	020	277.54	1017.79	10153.09	10247.50	1	0.0000	40	0	0
21	2	048	021	267.63	1017.79	10163.00	10247.70	1	0.0000	40	0	0
22	2	048	022	257.64	1017.79	10173.00	10247.79	1	0.0000	40	0	0
23	2	048	023	247.64	1017.90	10183.00	10247.70	1	0.0000	40	0	0
24	2	048	024	237.64	1017.90	10193.00	10247.70	1	0.1690	40	0	0
25	2	048	025	227.74	1018.00	10202.90	10247.79	1	0.0000	40	0	0
26	2	048	026	217.76	1018.00	10212.90	10248.29	1	0.1620	40	0	0
27	2	048	027	207.76	1018.09	10222.90	10248.29	1	0.1590	40	0	0
28	2	048	028	197.77	1018.09	10232.90	10248.40	1	0.1545	40	0	0
29	2	048	029	187.78	1018.20	10242.90	10248.59	1	0.1530	40	0	0
30	2	048	030	177.68	1018.29	10253.00	10248.50	1	0.1500	40	0	0
31	2	048	031	167.79	1018.40	10262.90	10248.59	1	0.1485	40	0	0
32	2	048	032	157.80	1018.50	10272.90	10248.70	1	0.1435	40	0	0
33	2	048	033	147.81	1018.59	10282.90	10248.79	1	0.1390	40	0	0
34	2	048	034	137.73	1018.79	10293.00	10248.90	1	0.1340	40	0	0
35	2	048	035	127.84	1018.90	10302.90	10248.90	1	0.1315	40	0	0
36	2	048	036	117.85	1019.00	10312.90	10248.79	1	0.1285	40	0	0
37	2	048	037	107.98	1019.09	10322.79	10248.90	1	0.1270	40	0	0
38	2	048	038	97.80	1019.20	10333.00	10249.00	1	0.1190	40	0	0
39	2	048	039	88.03	1019.29	10342.79	10248.90	1	0.1085	40	0	0
40	2	048	040	77.94	1019.29	10352.90	10248.90	1	0.0950	40	0	0
41	2	048	041	67.98	1019.40	10362.90	10248.79	1	0.0840	40	0	0
42	2	048	042	58.14	1019.50	10372.79	10248.79	1	0.0705	40	0	0
43	2	048	043	48.29	1019.59	10382.70	10248.70	1	0.0590	40	0	0
44	2	048	044	38.29	1019.70	10392.79	10248.50	1	0.0460	40	0	0
45	2	048	045	28.50	1019.90	10402.79	10248.59	1	0.0335	40	0	0
46	2	048	046	18.75	1020.00	10412.90	10248.50	1	0.0220	40	0	0
47	2	048	047	10.09	1020.20	10422.79	10248.59	1	0.0100	40	0	0
48	2	048	048	7.13	1020.50	10432.70	10248.90	1	0.0000	40	0	0

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hg75.txt

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PARTIAL SEG Y HEADER DUMP

hg75.seg

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Length = 1000 samples          Shot Elevation = 1021.8
Sample Interval = 0.00050 sec. Shot Depth = 3.2
Delay Time = 0 msec.           Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.        Shot X-COORD = 10530.20
High Cut Filter = 1000 Hz.     Shot Y-COORD = 10244.00
Line ID: HGM6                 Shot Date (year.moday) = 1994.0606
Shot Orientation:              Shot Time (hr:min) = 10:55
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	3	058	001	567.01	1020.50	9963.20	10245.50	1	0.0000	40	0	0
2	3	058	002	557.01	1019.79	9973.20	10246.20	1	0.0000	40	0	0
3	3	058	003	547.00	1019.40	9983.20	10246.09	1	0.0000	40	0	0
4	3	058	004	537.00	1019.20	9993.20	10246.20	1	0.0000	40	0	0
5	3	058	005	527.12	1019.09	10003.09	10246.40	1	0.0000	40	0	0
6	3	058	006	517.12	1019.00	10013.09	10246.70	1	0.0000	40	0	0
7	3	058	007	507.12	1018.90	10023.09	10246.90	1	0.0000	40	0	0
8	3	058	008	497.12	1018.90	10033.09	10247.20	1	0.0000	40	0	0
9	3	058	009	487.12	1018.79	10043.09	10247.20	1	0.0000	40	0	0
10	3	058	010	477.12	1018.59	10053.09	10247.29	1	0.0000	40	0	0
11	3	058	011	467.21	1018.40	10063.00	10247.20	1	0.0000	40	0	0
12	3	058	012	457.12	1018.29	10073.09	10247.20	1	0.0000	40	0	0
13	3	058	013	447.12	1018.20	10083.09	10247.20	1	0.0000	40	0	0
14	3	058	014	437.12	1018.20	10093.09	10247.20	1	0.0000	40	0	0
15	3	058	015	427.21	1018.09	10103.00	10247.29	1	0.0000	40	0	0
16	3	058	016	417.21	1018.00	10113.00	10247.29	1	0.0000	40	0	0
17	3	058	017	407.21	1017.90	10123.00	10247.40	1	0.0000	40	0	0
18	3	058	018	397.22	1017.90	10133.00	10247.40	1	0.0000	40	0	0
19	3	058	019	387.22	1017.79	10143.00	10247.50	1	0.0000	40	0	0
20	3	058	020	377.13	1017.79	10153.09	10247.50	1	0.0000	40	0	0
21	3	058	021	367.22	1017.79	10163.00	10247.70	1	0.0000	40	0	0
22	3	058	022	357.22	1017.79	10173.00	10247.79	1	0.0000	40	0	0
23	3	058	023	347.22	1017.90	10183.00	10247.70	1	0.0000	40	0	0
24	3	058	024	337.22	1017.90	10193.00	10247.70	1	0.0000	40	0	0
25	3	058	025	327.32	1018.00	10202.90	10247.79	1	0.0000	40	0	0
26	3	058	026	317.33	1018.00	10212.90	10248.29	1	0.0000	40	0	0
27	3	058	027	307.33	1018.09	10222.90	10248.29	1	0.0000	40	0	0
28	3	058	028	297.33	1018.09	10232.90	10248.40	1	0.0000	40	0	0
29	3	058	029	287.34	1018.20	10242.90	10248.59	1	0.0000	40	0	0
30	3	058	030	277.24	1018.29	10253.00	10248.50	1	0.0000	40	0	0
31	3	058	031	267.34	1018.40	10262.90	10248.59	1	0.0000	40	0	0
32	3	058	032	257.34	1018.50	10272.90	10248.70	1	0.0000	40	0	0
33	3	058	033	247.35	1018.59	10282.90	10248.79	1	0.0000	40	0	0
34	3	058	034	237.25	1018.79	10293.00	10248.90	1	0.0000	40	0	0
35	3	058	035	227.35	1018.90	10302.90	10248.90	1	0.0000	40	0	0
36	3	058	036	217.35	1019.00	10312.90	10248.79	1	0.0000	40	0	0
37	3	058	037	207.47	1019.09	10322.79	10248.90	1	0.0000	40	0	0
38	3	058	038	197.26	1019.20	10333.00	10249.00	1	0.0000	40	0	0
39	3	058	039	187.48	1019.29	10342.79	10248.90	1	0.0000	40	0	0
40	3	058	040	177.37	1019.29	10352.90	10248.90	1	0.0000	40	0	0
41	3	058	041	167.37	1019.40	10362.90	10248.79	1	0.0000	40	0	0
42	3	058	042	157.49	1019.50	10372.79	10248.79	1	0.0000	40	0	0
43	3	058	043	147.58	1019.59	10382.70	10248.70	1	0.0000	40	0	0
44	3	058	044	137.49	1019.70	10392.79	10248.50	1	0.1340	40	0	0
45	3	058	045	127.50	1019.90	10402.79	10248.59	1	0.1325	40	0	0
46	3	058	046	117.39	1020.00	10412.90	10248.50	1	0.1290	40	0	0
47	3	058	047	107.52	1020.20	10422.79	10248.59	1	0.0000	40	0	0
48	3	058	048	97.64	1020.50	10432.70	10248.90	1	0.0000	40	0	0

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PARTIAL SEG Y HEADER DUMP

hg76.seg

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Length = 1000 samples      Shot Elevation = 1019.0
Sample Interval = 0.00050 sec. Shot Depth = 1.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 9960.70
High Cut Filter = 1000 Hz. Shot Y-COORD = 10243.00
Line ID: HGM6             Shot Date (year.moday) = 1994.0606
Shot Orientation:         Shot Time (hr:min) = 11:20
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	4	001	001	4.33	1020.50	9963.20	10245.50	1	0.0115	40	0	0
2	4	001	002	13.03	1019.79	9973.20	10246.20	1	0.0175	40	0	0
3	4	001	003	22.75	1019.40	9983.20	10246.09	1	0.0245	40	0	0
4	4	001	004	32.68	1019.20	9993.20	10246.20	1	0.0380	40	0	0
5	4	001	005	42.54	1019.09	10003.09	10246.40	1	0.0495	40	0	0
6	4	001	006	52.53	1019.00	10013.09	10246.70	1	0.0600	40	0	0
7	4	001	007	62.52	1018.90	10023.09	10246.90	1	0.0720	40	0	0
8	4	001	008	72.52	1018.90	10033.09	10247.20	1	0.0855	40	0	0
9	4	001	009	82.50	1018.79	10043.09	10247.20	1	0.0940	40	0	0
10	4	001	010	92.49	1018.59	10053.09	10247.29	1	0.1090	40	0	0
11	4	001	011	102.39	1018.40	10063.00	10247.20	1	0.1145	40	0	0
12	4	001	012	112.47	1018.29	10073.09	10247.20	1	0.1210	40	0	0
13	4	001	013	122.46	1018.20	10083.09	10247.20	1	0.1165	40	0	0
14	4	001	014	132.46	1018.20	10093.09	10247.20	1	0.1185	40	0	0
15	4	001	015	142.36	1018.09	10103.00	10247.29	1	0.1195	40	0	0
16	4	001	016	152.36	1018.00	10113.00	10247.29	1	0.1260	40	0	0
17	4	001	017	162.36	1017.90	10123.00	10247.40	1	0.1255	40	0	0
18	4	001	018	172.36	1017.90	10133.00	10247.40	1	0.1300	40	0	0
19	4	001	019	182.36	1017.79	10143.00	10247.50	1	0.1320	40	0	0
20	4	001	020	192.44	1017.79	10153.09	10247.50	1	0.1380	40	0	0
21	4	001	021	202.35	1017.79	10163.00	10247.70	1	0.1395	40	0	0
22	4	001	022	212.35	1017.79	10173.00	10247.79	1	0.1420	40	0	0
23	4	001	023	222.35	1017.90	10183.00	10247.70	1	0.1475	40	0	0
24	4	001	024	232.35	1017.90	10193.00	10247.70	1	0.1540	40	0	0
25	4	001	025	242.25	1018.00	10202.90	10247.79	1	0.1575	40	0	0
26	4	001	026	252.26	1018.00	10212.90	10248.29	1	0.1585	40	0	0
27	4	001	027	262.25	1018.09	10222.90	10248.29	1	0.1615	40	0	0
28	4	001	028	272.25	1018.09	10232.90	10248.40	1	0.1660	40	0	0
29	4	001	029	282.26	1018.20	10242.90	10248.59	1	0.0000	40	0	0
30	4	001	030	292.35	1018.29	10253.00	10248.50	1	0.1715	40	0	0
31	4	001	031	302.25	1018.40	10262.90	10248.59	1	0.0000	40	0	0
32	4	001	032	312.25	1018.50	10272.90	10248.70	1	0.1780	40	0	0
33	4	001	033	322.25	1018.59	10282.90	10248.79	1	0.0000	40	0	0
34	4	001	034	332.35	1018.79	10293.00	10248.90	1	0.0000	40	0	0
35	4	001	035	342.25	1018.90	10302.90	10248.90	1	0.0000	40	0	0
36	4	001	036	352.25	1019.00	10312.90	10248.79	1	0.0000	40	0	0
37	4	001	037	362.14	1019.09	10322.79	10248.90	1	0.0000	40	0	0
38	4	001	038	372.35	1019.20	10333.00	10249.00	1	0.0000	40	0	0
39	4	001	039	382.14	1019.29	10342.79	10248.90	1	0.0000	40	0	0
40	4	001	040	392.25	1019.29	10352.90	10248.90	1	0.0000	40	0	0
41	4	001	041	402.24	1019.40	10362.90	10248.79	1	0.0000	40	0	0
42	4	001	042	412.13	1019.50	10372.79	10248.79	1	0.0000	40	0	0
43	4	001	043	422.04	1019.59	10382.70	10248.70	1	0.0000	40	0	0
44	4	001	044	432.13	1019.70	10392.79	10248.50	1	0.0000	40	0	0
45	4	001	045	442.13	1019.90	10402.79	10248.59	1	0.0000	40	0	0
46	4	001	046	452.24	1020.00	10412.90	10248.50	1	0.0000	40	0	0
47	4	001	047	462.13	1020.20	10422.79	10248.59	1	0.0000	40	0	0
48	4	001	048	472.04	1020.50	10432.70	10248.90	1	0.0000	40	0	0

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PARTIAL SEG Y HEADER DUMP

hg77.seg

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Length = 1000 samples      Shot Elevation = 1020.9
Sample Interval = 0.00050 sec. Shot Depth = 3.5
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 9861.00
High Cut Filter = 1000 Hz. Shot Y-COORD = 10244.50
Line ID: HGM6             Shot Date (year.moday) = 1994.0606
Shot Orientation:         Shot Time (hr:min) = 11:45
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	-9	-009	001	102.25	1020.50	9963.20	10245.50	1	0.1045	40	0	0
2	-9	-009	002	112.24	1019.79	9973.20	10246.20	1	0.1030	40	0	0
3	-9	-009	003	122.23	1019.40	9983.20	10246.09	1	0.1085	40	0	0
4	-9	-009	004	132.22	1019.20	9993.20	10246.20	1	0.1115	40	0	0
5	-9	-009	005	142.11	1019.09	10003.09	10246.40	1	0.1140	40	0	0
6	-9	-009	006	152.11	1019.00	10013.09	10246.70	1	0.1150	40	0	0
7	-9	-009	007	162.11	1018.90	10023.09	10246.90	1	0.1195	40	0	0
8	-9	-009	008	172.12	1018.90	10033.09	10247.20	1	0.1220	40	0	0
9	-9	-009	009	182.12	1018.79	10043.09	10247.20	1	0.0000	40	0	0
10	-9	-009	010	192.11	1018.59	10053.09	10247.29	1	0.1255	40	0	0
11	-9	-009	011	202.02	1018.40	10063.00	10247.20	1	0.0000	40	0	0
12	-9	-009	012	212.11	1018.29	10073.09	10247.20	1	0.0000	40	0	0
13	-9	-009	013	222.11	1018.20	10083.09	10247.20	1	0.0000	40	0	0
14	-9	-009	014	232.11	1018.20	10093.09	10247.20	1	0.0000	40	0	0
15	-9	-009	015	242.02	1018.09	10103.00	10247.29	1	0.0000	40	0	0
16	-9	-009	016	252.02	1018.00	10113.00	10247.29	1	0.0000	40	0	0
17	-9	-009	017	262.02	1017.90	10123.00	10247.40	1	0.0000	40	0	0
18	-9	-009	018	272.02	1017.90	10133.00	10247.40	1	0.0000	40	0	0
19	-9	-009	019	282.02	1017.79	10143.00	10247.50	1	0.0000	40	0	0
20	-9	-009	020	292.11	1017.79	10153.09	10247.50	1	0.0000	40	0	0
21	-9	-009	021	302.02	1017.79	10163.00	10247.70	1	0.0000	40	0	0
22	-9	-009	022	312.02	1017.79	10173.00	10247.79	1	0.0000	40	0	0
23	-9	-009	023	322.02	1017.90	10183.00	10247.70	1	0.0000	40	0	0
24	-9	-009	024	332.02	1017.90	10193.00	10247.70	1	0.0000	40	0	0
25	-9	-009	025	341.92	1018.00	10202.90	10247.79	1	0.0000	40	0	0
26	-9	-009	026	351.92	1018.00	10212.90	10248.29	1	0.0000	40	0	0
27	-9	-009	027	361.92	1018.09	10222.90	10248.29	1	0.0000	40	0	0
28	-9	-009	028	371.92	1018.09	10232.90	10248.40	1	0.0000	40	0	0
29	-9	-009	029	381.92	1018.20	10242.90	10248.59	1	0.0000	40	0	0
30	-9	-009	030	392.02	1018.29	10253.00	10248.50	1	0.0000	40	0	0
31	-9	-009	031	401.92	1018.40	10262.90	10248.59	1	0.0000	40	0	0
32	-9	-009	032	411.92	1018.50	10272.90	10248.70	1	0.0000	40	0	0
33	-9	-009	033	421.92	1018.59	10282.90	10248.79	1	0.0000	40	0	0
34	-9	-009	034	432.02	1018.79	10293.00	10248.90	1	0.0000	40	0	0
35	-9	-009	035	441.92	1018.90	10302.90	10248.90	1	0.0000	40	0	0
36	-9	-009	036	451.92	1019.00	10312.90	10248.79	1	0.0000	40	0	0
37	-9	-009	037	461.81	1019.09	10322.79	10248.90	1	0.0000	40	0	0
38	-9	-009	038	472.02	1019.20	10333.00	10249.00	1	0.0000	40	0	0
39	-9	-009	039	481.81	1019.29	10342.79	10248.90	1	0.0000	40	0	0
40	-9	-009	040	491.92	1019.29	10352.90	10248.90	1	0.0000	40	0	0
41	-9	-009	041	501.92	1019.40	10362.90	10248.79	1	0.0000	40	0	0
42	-9	-009	042	511.81	1019.50	10372.79	10248.79	1	0.0000	40	0	0
43	-9	-009	043	521.72	1019.59	10382.70	10248.70	1	0.0000	40	0	0
44	-9	-009	044	531.81	1019.70	10392.79	10248.50	1	0.0000	40	0	0
45	-9	-009	045	541.81	1019.90	10402.79	10248.59	1	0.0000	40	0	0
46	-9	-009	046	551.92	1020.00	10412.90	10248.50	1	0.0000	40	0	0
47	-9	-009	047	561.81	1020.20	10422.79	10248.59	1	0.0000	40	0	0
48	-9	-009	048	571.73	1020.50	10432.70	10248.90	1	0.0000	40	0	0

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PARTIAL SEG Y HEADER DUMP

hg78.seg

Length = 2000 samples
 Sample Interval = 0.00050 sec.
 Delay Time = 0 msec.
 Low Cut Filter = 32 Hz.
 High Cut Filter = 1000 Hz.
 Line ID: HGM3
 Shot Orientation:
 Azimuth= 0 Deg. Vertical= 0 Deg.

Shot Elevation = 1038.0
 Shot Depth = 3.7
 Up Hole Time = 0 msec
 Shot X-COORD = 11372.73
 Shot Y-COORD = 9763.09
 Shot Date (year.moday) = 1994.0606
 Shot Time (hr:min) = 13:15
 Charge Size (grams)= 0

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	1	024	001	229.93	1038.54	11181.17	9636.00	1	0.0000	40	0	0
2	1	024	002	219.98	1038.36	11189.20	9641.88	1	0.0000	40	0	0
3	1	024	003	210.02	1038.30	11197.49	9647.41	1	0.0000	40	0	0
4	1	024	004	200.01	1038.15	11205.62	9653.25	1	0.0000	40	0	0
5	1	024	005	189.96	1038.03	11213.91	9658.95	1	0.0000	40	0	0
6	1	024	006	179.92	1037.91	11222.17	9664.66	1	0.0000	40	0	0
7	1	024	007	169.98	1037.89	11230.34	9670.33	1	0.0000	40	0	0
8	1	024	008	159.87	1037.70	11238.95	9675.63	1	0.0000	40	0	0
9	1	024	009	149.85	1037.71	11247.33	9681.12	1	0.0000	40	0	0
10	1	024	010	139.81	1037.71	11255.66	9686.73	1	0.0000	40	0	0
11	1	024	011	129.90	1037.78	11263.82	9692.37	1	0.0000	40	0	0
12	1	024	012	119.94	1037.69	11272.00	9698.07	1	0.0000	40	0	0
13	1	024	013	109.99	1037.75	11280.13	9703.84	1	0.0000	40	0	0
14	1	024	014	100.01	1037.79	11288.37	9709.50	1	0.0000	40	0	0
15	1	024	015	90.04	1037.73	11296.66	9715.05	1	0.0000	40	0	0
16	1	024	016	80.01	1037.71	11304.74	9721.05	1	0.0000	40	0	0
17	1	024	017	70.11	1037.76	11313.11	9726.36	1	0.0000	40	0	0
18	1	024	018	60.09	1037.79	11321.34	9732.15	1	0.0000	40	0	0
19	1	024	019	50.14	1037.77	11329.91	9737.25	1	0.0000	40	0	0
20	1	024	020	40.22	1037.77	11338.03	9743.05	1	0.0000	40	0	0
21	1	024	021	30.45	1037.97	11347.05	9747.15	1	0.0000	40	0	0
22	1	024	022	20.67	1037.84	11356.00	9751.49	1	0.0000	40	0	0
23	1	024	023	11.00	1037.78	11364.05	9757.32	1	0.0000	40	0	0
24	1	024	024	3.65	1037.86	11372.15	9763.09	1	0.0000	40	0	0
25	1	024	025	10.22	1037.90	11380.46	9768.70	1	0.0000	40	0	0
26	1	024	026	19.96	1037.84	11388.63	9774.62	1	0.0000	40	0	0
27	1	024	027	29.74	1037.80	11396.83	9780.16	1	0.0000	40	0	0
28	1	024	028	39.64	1037.79	11404.98	9785.87	1	0.0000	40	0	0
29	1	024	029	49.80	1037.86	11413.32	9791.71	1	0.0000	40	0	0
30	1	024	030	59.60	1037.91	11421.75	9796.80	1	0.0000	40	0	0
31	1	024	031	69.60	1037.77	11430.24	9802.13	1	0.0000	40	0	0
32	1	024	032	79.54	1037.76	11438.74	9807.32	1	0.0000	40	0	0
33	1	024	033	89.54	1037.69	11447.26	9812.59	1	0.0000	40	0	0
34	1	024	034	99.47	1037.56	11455.44	9818.25	1	0.0000	40	0	0
35	1	024	035	109.50	1037.43	11463.62	9824.08	1	0.0000	40	0	0
36	1	024	036	119.51	1037.46	11471.66	9830.07	1	0.0000	40	0	0
37	1	024	037	129.58	1037.40	11479.84	9835.95	1	0.0000	40	0	0
38	1	024	038	139.45	1037.46	11488.08	9841.38	1	0.0000	40	0	0
39	1	024	039	149.56	1037.33	11496.25	9847.37	1	0.0000	40	0	0
40	1	024	040	159.48	1037.40	11504.67	9852.62	1	0.0000	40	0	0
41	1	024	041	169.38	1037.28	11513.08	9857.87	1	0.0000	40	0	0
42	1	024	042	179.41	1037.23	11521.50	9863.33	1	0.0000	40	0	0
43	1	024	043	189.41	1037.10	11530.11	9868.45	1	0.0000	40	0	0
44	1	024	044	199.38	1037.06	11538.33	9874.09	1	0.0000	40	0	0
45	1	024	045	209.32	1036.96	11546.57	9879.66	1	0.0000	40	0	0
46	1	024	046	219.33	1036.94	11554.96	9885.12	1	0.0000	40	0	0
47	1	024	047	229.29	1036.88	11563.21	9890.70	1	0.0000	40	0	0
48	1	024	048	239.21	1036.85	11571.70	9895.86	1	0.0000	40	0	0

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hg79.txt

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PARTIAL SEG Y HEADER DUMP

hg79.seg

```

Length = 2000 samples      Shot Elevation = 1036.9
Sample Interval = 0.00050 sec. Shot Depth = 3.7
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 11563.21
High Cut Filter = 1000 Hz. Shot Y-COORD = 9890.70
Line ID: HGM3             Shot Date (year.moday) = 1994.0606
Shot Orientation:         Shot Time (hr:min) = 13:30
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	2	047	001	459.19	1038.54	11181.17	9636.00	1	0.0000	40	0	0
2	2	047	002	449.25	1038.36	11189.20	9641.88	1	0.0000	40	0	0
3	2	047	003	439.28	1038.30	11197.49	9647.41	1	0.0000	40	0	0
4	2	047	004	429.28	1038.15	11205.62	9653.25	1	0.0000	40	0	0
5	2	047	005	419.22	1038.03	11213.91	9658.95	1	0.0000	40	0	0
6	2	047	006	409.18	1037.91	11222.17	9664.66	1	0.0000	40	0	0
7	2	047	007	399.23	1037.89	11230.34	9670.33	1	0.0000	40	0	0
8	2	047	008	389.13	1037.70	11238.95	9675.63	1	0.0000	40	0	0
9	2	047	009	379.11	1037.71	11247.33	9681.12	1	0.0000	40	0	0
10	2	047	010	369.07	1037.71	11255.66	9686.73	1	0.0000	40	0	0
11	2	047	011	359.15	1037.78	11263.82	9692.37	1	0.0000	40	0	0
12	2	047	012	349.18	1037.69	11272.00	9698.07	1	0.0000	40	0	0
13	2	047	013	339.22	1037.75	11280.13	9703.84	1	0.0000	40	0	0
14	2	047	014	329.23	1037.79	11288.37	9709.50	1	0.0000	40	0	0
15	2	047	015	319.25	1037.73	11296.66	9715.05	1	0.0000	40	0	0
16	2	047	016	309.21	1037.71	11304.74	9721.05	1	0.0000	40	0	0
17	2	047	017	299.30	1037.76	11313.11	9726.36	1	0.0000	40	0	0
18	2	047	018	289.24	1037.79	11321.34	9732.15	1	0.0000	40	0	0
19	2	047	019	279.28	1037.77	11329.91	9737.25	1	0.0000	40	0	0
20	2	047	020	269.31	1037.77	11338.03	9743.05	1	0.0000	40	0	0
21	2	047	021	259.53	1037.97	11347.05	9747.15	1	0.0000	40	0	0
22	2	047	022	249.67	1037.84	11356.00	9751.49	1	0.0000	40	0	0
23	2	047	023	239.74	1037.78	11364.05	9757.32	1	0.0000	40	0	0
24	2	047	024	229.80	1037.86	11372.15	9763.09	1	0.0000	40	0	0
25	2	047	025	219.78	1037.90	11380.46	9768.70	1	0.0000	40	0	0
26	2	047	026	209.70	1037.84	11388.63	9774.62	1	0.0000	40	0	0
27	2	047	027	199.81	1037.80	11396.83	9780.16	1	0.0000	40	0	0
28	2	047	028	189.86	1037.79	11404.98	9785.87	1	0.0000	40	0	0
29	2	047	029	179.69	1037.86	11413.32	9791.71	1	0.0000	40	0	0
30	2	047	030	169.85	1037.91	11421.75	9796.80	1	0.0000	40	0	0
31	2	047	031	159.83	1037.77	11430.24	9802.13	1	0.0000	40	0	0
32	2	047	032	149.89	1037.76	11438.74	9807.32	1	0.0000	40	0	0
33	2	047	033	139.88	1037.69	11447.26	9812.59	1	0.0000	40	0	0
34	2	047	034	129.93	1037.56	11455.44	9818.25	1	0.0000	40	0	0
35	2	047	035	119.89	1037.43	11463.62	9824.08	1	0.0000	40	0	0
36	2	047	036	109.89	1037.46	11471.66	9830.07	1	0.0000	40	0	0
37	2	047	037	99.83	1037.40	11479.84	9835.95	1	0.0000	40	0	0
38	2	047	038	89.97	1037.46	11488.08	9841.38	1	0.0000	40	0	0
39	2	047	039	79.86	1037.33	11496.25	9847.37	1	0.0000	40	0	0
40	2	047	040	69.96	1037.40	11504.67	9852.62	1	0.0000	40	0	0
41	2	047	041	60.06	1037.28	11513.08	9857.87	1	0.0000	40	0	0
42	2	047	042	50.05	1037.23	11521.50	9863.33	1	0.0000	40	0	0
43	2	047	043	40.08	1037.10	11530.11	9868.45	1	0.0000	40	0	0
44	2	047	044	30.17	1037.06	11538.33	9874.09	1	0.0000	40	0	0
45	2	047	045	20.32	1036.96	11546.57	9879.66	1	0.0000	40	0	0
46	2	047	046	10.65	1036.94	11554.96	9885.12	1	0.0000	40	0	0
47	2	047	047	3.70	1036.88	11563.21	9890.70	1	0.0000	40	0	0
48	2	047	048	10.59	1036.85	11571.70	9895.86	1	0.0000	40	0	0

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hg80.txt

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PARTIAL SEG Y HEADER DUMP

hg80.seg

```

Length = 2000 samples          Shot Elevation = 1037.2
Sample Interval = 0.00050 sec. Shot Depth = 3.7
Delay Time = 0 msec.           Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.         Shot X-COORD = 11612.70
High Cut Filter = 1000 Hz.      Shot Y-COORD = 9975.12
Line ID: hgm3                  Shot Date (year.moday) = 1994.0606
Shot Orientation:              Shot Time (hr:min) = 13:35
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	3	057	001	548.86	1038.54	11181.17	9636.00	1	0.0000	40	0	0
2	3	057	002	538.91	1038.36	11189.20	9641.88	1	0.0000	40	0	0
3	3	057	003	528.98	1038.30	11197.49	9647.41	1	0.0000	40	0	0
4	3	057	004	518.98	1038.15	11205.62	9653.25	1	0.0000	40	0	0
5	3	057	005	508.94	1038.03	11213.91	9658.95	1	0.0000	40	0	0
6	3	057	006	498.92	1037.91	11222.17	9664.66	1	0.0000	40	0	0
7	3	057	007	488.99	1037.89	11230.34	9670.33	1	0.0000	40	0	0
8	3	057	008	478.96	1037.70	11238.95	9675.63	1	0.0000	40	0	0
9	3	057	009	468.99	1037.71	11247.33	9681.12	1	0.0000	40	0	0
10	3	057	010	458.98	1037.71	11255.66	9686.73	1	0.0000	40	0	0
11	3	057	011	449.09	1037.78	11263.82	9692.37	1	0.0000	40	0	0
12	3	057	012	439.15	1037.69	11272.00	9698.07	1	0.0000	40	0	0
13	3	057	013	429.20	1037.75	11280.13	9703.84	1	0.0000	40	0	0
14	3	057	014	419.24	1037.79	11288.37	9709.50	1	0.0000	40	0	0
15	3	057	015	409.31	1037.73	11296.66	9715.05	1	0.0000	40	0	0
16	3	057	016	399.26	1037.71	11304.74	9721.05	1	0.0000	40	0	0
17	3	057	017	389.43	1037.76	11313.11	9726.36	1	0.0000	40	0	0
18	3	057	018	379.40	1037.79	11321.34	9732.15	1	0.0000	40	0	0
19	3	057	019	369.56	1037.77	11329.91	9737.25	1	0.0000	40	0	0
20	3	057	020	359.61	1037.77	11338.03	9743.05	1	0.0000	40	0	0
21	3	057	021	350.09	1037.97	11347.05	9747.15	1	0.0000	40	0	0
22	3	057	022	340.48	1037.84	11356.00	9751.49	1	0.0000	40	0	0
23	3	057	023	330.58	1037.78	11364.05	9757.32	1	0.0000	40	0	0
24	3	057	024	320.69	1037.86	11372.15	9763.09	1	0.0000	40	0	0
25	3	057	025	310.75	1037.90	11380.46	9768.70	1	0.0000	40	0	0
26	3	057	026	300.71	1037.84	11388.63	9774.62	1	0.0000	40	0	0
27	3	057	027	290.91	1037.80	11396.83	9780.16	1	0.0000	40	0	0
28	3	057	028	281.04	1037.79	11404.98	9785.87	1	0.0000	40	0	0
29	3	057	029	270.94	1037.86	11413.32	9791.71	1	0.0000	40	0	0
30	3	057	030	261.30	1037.91	11421.75	9796.80	1	0.0000	40	0	0
31	3	057	031	251.47	1037.77	11430.24	9802.13	1	0.0000	40	0	0
32	3	057	032	241.74	1037.76	11438.74	9807.32	1	0.0000	40	0	0
33	3	057	033	231.96	1037.69	11447.26	9812.59	1	0.0000	40	0	0
34	3	057	034	222.16	1037.56	11455.44	9818.25	1	0.0000	40	0	0
35	3	057	035	212.26	1037.43	11463.62	9824.08	1	0.0000	40	0	0
36	3	057	036	202.36	1037.46	11471.66	9830.07	1	0.0000	40	0	0
37	3	057	037	192.45	1037.40	11479.84	9835.95	1	0.0000	40	0	0
38	3	057	038	182.85	1037.46	11488.08	9841.38	1	0.0000	40	0	0
39	3	057	039	172.90	1037.33	11496.25	9847.37	1	0.0000	40	0	0
40	3	057	040	163.38	1037.40	11504.67	9852.62	1	0.0000	40	0	0
41	3	057	041	153.90	1037.28	11513.08	9857.87	1	0.0000	40	0	0
42	3	057	042	144.32	1037.23	11521.50	9863.33	1	0.0000	40	0	0
43	3	057	043	134.95	1037.10	11530.11	9868.45	1	0.0000	40	0	0
44	3	057	044	125.50	1037.06	11538.33	9874.09	1	0.0000	40	0	0
45	3	057	045	116.18	1036.96	11546.57	9879.66	1	0.0000	40	0	0
46	3	057	046	106.99	1036.94	11554.96	9885.12	1	0.0000	40	0	0
47	3	057	047	97.92	1036.88	11563.21	9890.70	1	0.0000	40	0	0
48	3	057	048	89.30	1036.85	11571.70	9895.86	1	0.0000	40	0	0

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hg81.txt

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PARTIAL SEG Y HEADER DUMP

hg81.seg

```

Length = 2000 samples          Shot Elevation = 1038.5
Sample Interval = 0.00050 sec. Shot Depth = 3.7
Delay Time = 0 msec.           Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.        Shot X-COORD = 11181.29
High Cut Filter = 1000 Hz.     Shot Y-COORD = 9635.58
Line ID: HGM3                 Shot Date (year.moday) = 1994.0606
Shot Orientation:             Shot Time (hr:min) = 13:50
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	4	001	001	3.73	1038.54	11181.17	9636.00	1	0.0000	40	0	0
2	4	001	002	10.71	1038.36	11189.20	9641.88	1	0.0000	40	0	0
3	4	001	003	20.36	1038.30	11197.49	9647.41	1	0.0000	40	0	0
4	4	001	004	30.25	1038.15	11205.62	9653.25	1	0.0000	40	0	0
5	4	001	005	40.25	1038.03	11213.91	9658.95	1	0.0000	40	0	0
6	4	001	006	50.26	1037.91	11222.17	9664.66	1	0.0000	40	0	0
7	4	001	007	60.19	1037.89	11230.34	9670.33	1	0.0000	40	0	0
8	4	001	008	70.26	1037.70	11238.95	9675.63	1	0.0000	40	0	0
9	4	001	009	80.27	1037.71	11247.33	9681.12	1	0.0000	40	0	0
10	4	001	010	90.31	1037.71	11255.66	9686.73	1	0.0000	40	0	0
11	4	001	011	100.22	1037.78	11263.82	9692.37	1	0.0000	40	0	0
12	4	001	012	110.19	1037.69	11272.00	9698.07	1	0.0000	40	0	0
13	4	001	013	120.15	1037.75	11280.13	9703.84	1	0.0000	40	0	0
14	4	001	014	130.15	1037.79	11288.37	9709.50	1	0.0000	40	0	0
15	4	001	015	140.12	1037.73	11296.66	9715.05	1	0.0000	40	0	0
16	4	001	016	150.18	1037.71	11304.74	9721.05	1	0.0000	40	0	0
17	4	001	017	160.08	1037.76	11313.11	9726.36	1	0.0000	40	0	0
18	4	001	018	170.14	1037.79	11321.34	9732.15	1	0.0000	40	0	0
19	4	001	019	180.09	1037.77	11329.91	9737.25	1	0.0000	40	0	0
20	4	001	020	190.07	1037.77	11338.03	9743.05	1	0.0000	40	0	0
21	4	001	021	199.84	1037.97	11347.05	9747.15	1	0.0000	40	0	0
22	4	001	022	209.68	1037.84	11356.00	9751.49	1	0.0000	40	0	0
23	4	001	023	219.61	1037.78	11364.05	9757.32	1	0.0000	40	0	0
24	4	001	024	229.56	1037.86	11372.15	9763.09	1	0.0000	40	0	0
25	4	001	025	239.58	1037.90	11380.46	9768.70	1	0.0000	40	0	0
26	4	001	026	249.66	1037.84	11388.63	9774.62	1	0.0000	40	0	0
27	4	001	027	259.56	1037.80	11396.83	9780.16	1	0.0000	40	0	0
28	4	001	028	269.51	1037.79	11404.98	9785.87	1	0.0000	40	0	0
29	4	001	029	279.68	1037.86	11413.32	9791.71	1	0.0000	40	0	0
30	4	001	030	289.52	1037.91	11421.75	9796.80	1	0.0000	40	0	0
31	4	001	031	299.54	1037.77	11430.24	9802.13	1	0.0000	40	0	0
32	4	001	032	309.49	1037.76	11438.74	9807.32	1	0.0000	40	0	0
33	4	001	033	319.50	1037.69	11447.26	9812.59	1	0.0000	40	0	0
34	4	001	034	329.45	1037.56	11455.44	9818.25	1	0.0000	40	0	0
35	4	001	035	339.48	1037.43	11463.62	9824.08	1	0.0000	40	0	0
36	4	001	036	349.50	1037.46	11471.66	9830.07	1	0.0000	40	0	0
37	4	001	037	359.56	1037.40	11479.84	9835.95	1	0.0000	40	0	0
38	4	001	038	369.43	1037.46	11488.08	9841.38	1	0.0000	40	0	0
39	4	001	039	379.55	1037.33	11496.25	9847.37	1	0.0000	40	0	0
40	4	001	040	389.47	1037.40	11504.67	9852.62	1	0.0000	40	0	0
41	4	001	041	399.38	1037.28	11513.08	9857.87	1	0.0000	40	0	0
42	4	001	042	409.41	1037.23	11521.50	9863.33	1	0.0000	40	0	0
43	4	001	043	419.42	1037.10	11530.11	9868.45	1	0.0000	40	0	0
44	4	001	044	429.38	1037.06	11538.33	9874.09	1	0.0000	40	0	0
45	4	001	045	439.33	1036.96	11546.57	9879.66	1	0.0000	40	0	0
46	4	001	046	449.34	1036.94	11554.96	9885.12	1	0.0000	40	0	0
47	4	001	047	459.30	1036.88	11563.21	9890.70	1	0.0000	40	0	0
48	4	001	048	469.22	1036.85	11571.70	9895.86	1	0.0000	40	0	0

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hg82.txt

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PARTIAL SEG Y HEADER DUMP

hg82.seg

```

Length = 2000 samples      Shot Elevation = 1035.0
Sample Interval = 0.00050 sec. Shot Depth = 2.7
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 11082.25
High Cut Filter = 1000 Hz. Shot Y-COORD = 9624.70
Line ID: HGM3             Shot Date (year.moday) = 1994.0606
Shot Orientation:         Shot Time (hr:min) = 14:00
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	5	-009	001	99.76	1038.54	11181.17	9636.00	1	0.0000	40	0	0
2	5	-009	002	108.49	1038.36	11189.20	9641.88	1	0.0000	40	0	0
3	5	-009	003	117.61	1038.30	11197.49	9647.41	1	0.0000	40	0	0
4	5	-009	004	126.76	1038.15	11205.62	9653.25	1	0.0000	40	0	0
5	5	-009	005	136.16	1038.03	11213.91	9658.95	1	0.0000	40	0	0
6	5	-009	006	145.62	1037.91	11222.17	9664.66	1	0.0000	40	0	0
7	5	-009	007	155.06	1037.89	11230.34	9670.33	1	0.0000	40	0	0
8	5	-009	008	164.86	1037.70	11238.95	9675.63	1	0.0000	40	0	0
9	5	-009	009	174.54	1037.71	11247.33	9681.12	1	0.0000	40	0	0
10	5	-009	010	184.25	1037.71	11255.66	9686.73	1	0.0000	40	0	0
11	5	-009	011	193.85	1037.78	11263.82	9692.37	1	0.0000	40	0	0
12	5	-009	012	203.51	1037.69	11272.00	9698.07	1	0.0000	40	0	0
13	5	-009	013	213.19	1037.75	11280.13	9703.84	1	0.0000	40	0	0
14	5	-009	014	222.95	1037.79	11288.37	9709.50	1	0.0000	40	0	0
15	5	-009	015	232.73	1037.73	11296.66	9715.05	1	0.0000	40	0	0
16	5	-009	016	242.52	1037.71	11304.74	9721.05	1	0.0000	40	0	0
17	5	-009	017	252.31	1037.76	11313.11	9726.36	1	0.0000	40	0	0
18	5	-009	018	262.18	1037.79	11321.34	9732.15	1	0.0000	40	0	0
19	5	-009	019	272.09	1037.77	11329.91	9737.25	1	0.0000	40	0	0
20	5	-009	020	281.89	1037.77	11338.03	9743.05	1	0.0000	40	0	0
21	5	-009	021	291.80	1037.97	11347.05	9747.15	1	0.0000	40	0	0
22	5	-009	022	301.74	1037.84	11356.00	9751.49	1	0.0000	40	0	0
23	5	-009	023	311.49	1037.78	11364.05	9757.32	1	0.0000	40	0	0
24	5	-009	024	321.29	1037.86	11372.15	9763.09	1	0.0000	40	0	0
25	5	-009	025	331.20	1037.90	11380.46	9768.70	1	0.0000	40	0	0
26	5	-009	026	341.14	1037.84	11388.63	9774.62	1	0.0000	40	0	0
27	5	-009	027	350.94	1037.80	11396.83	9780.16	1	0.0000	40	0	0
28	5	-009	028	360.78	1037.79	11404.98	9785.87	1	0.0000	40	0	0
29	5	-009	029	370.85	1037.86	11413.32	9791.71	1	0.0000	40	0	0
30	5	-009	030	380.67	1037.91	11421.75	9796.80	1	0.0000	40	0	0
31	5	-009	031	390.65	1037.77	11430.24	9802.13	1	0.0000	40	0	0
32	5	-009	032	400.58	1037.76	11438.74	9807.32	1	0.0000	40	0	0
33	5	-009	033	410.56	1037.69	11447.26	9812.59	1	0.0000	40	0	0
34	5	-009	034	420.43	1037.56	11455.44	9818.25	1	0.0000	40	0	0
35	5	-009	035	430.37	1037.43	11463.62	9824.08	1	0.0000	40	0	0
36	5	-009	036	440.28	1037.46	11471.66	9830.07	1	0.0000	40	0	0
37	5	-009	037	450.26	1037.40	11479.84	9835.95	1	0.0000	40	0	0
38	5	-009	038	460.08	1037.46	11488.08	9841.38	1	0.0000	40	0	0
39	5	-009	039	470.11	1037.33	11496.25	9847.37	1	0.0000	40	0	0
40	5	-009	040	480.01	1037.40	11504.67	9852.62	1	0.0000	40	0	0
41	5	-009	041	489.91	1037.28	11513.08	9857.87	1	0.0000	40	0	0
42	5	-009	042	499.91	1037.23	11521.50	9863.33	1	0.0000	40	0	0
43	5	-009	043	509.92	1037.10	11530.11	9868.45	1	0.0000	40	0	0
44	5	-009	044	519.83	1037.06	11538.33	9874.09	1	0.0000	40	0	0
45	5	-009	045	529.74	1036.96	11546.57	9879.66	1	0.0000	40	0	0
46	5	-009	046	539.72	1036.94	11554.96	9885.12	1	0.0000	40	0	0
47	5	-009	047	549.64	1036.88	11563.21	9890.70	1	0.0000	40	0	0
48	5	-009	048	559.56	1036.85	11571.70	9895.86	1	0.0000	40	0	0

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hg83.txt

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PARTIAL SEG Y HEADER DUMP

hg83.seg

Length = 1000 samples
 Sample Interval = 0.00050 sec.
 Delay Time = 0 msec.
 Low Cut Filter = 32 Hz.
 High Cut Filter = 1000 Hz.
 Line ID: HGM7
 Shot Orientation:
 Azimuth= 0 Deg. Vertical= 0 Deg.

Shot Elevation = 1041.4
 Shot Depth = 2.9
 Up Hole Time = 0 msec
 Shot X-COORD = 10047.50
 Shot Y-COORD = 6232.10
 Shot Date (year.moday) = 1994.0609
 Shot Time (hr:min) = 10:56
 Charge Size (grams)= 0

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	1	001	001	3.03	1041.50	10047.40	6231.70	1	0.0044	40	0	0
2	1	001	002	10.48	1041.30	10037.40	6231.89	1	0.0115	40	0	0
3	1	001	003	20.22	1041.50	10027.50	6232.20	1	0.0200	40	0	0
4	1	001	004	30.24	1041.30	10017.40	6232.79	1	0.0280	40	0	0
5	1	001	005	40.32	1041.19	10007.29	6233.50	1	0.0350	40	0	0
6	1	001	006	50.41	1041.09	9997.20	6234.10	1	0.0420	40	0	0
7	1	001	007	60.51	1041.09	9987.09	6234.50	1	0.0000	40	0	0
8	1	001	008	70.30	1041.19	9977.29	6234.50	1	0.0850	40	0	0
9	1	001	009	80.30	1041.19	9967.29	6234.70	1	0.1010	40	0	0
10	1	001	010	90.29	1041.19	9957.29	6234.89	1	0.1110	40	0	0
11	1	001	011	100.29	1041.09	9947.29	6235.10	1	0.1130	40	0	0
12	1	001	012	110.28	1041.09	9937.29	6235.00	1	0.1290	40	0	0
13	1	001	013	120.37	1041.09	9927.20	6235.39	1	0.1560	40	0	0
14	1	001	014	130.28	1041.00	9917.29	6235.70	1	0.1720	40	0	0
15	1	001	015	140.37	1041.09	9907.20	6235.60	1	0.1830	40	0	0
16	1	001	016	150.27	1041.00	9897.29	6235.60	1	0.1950	40	0	0
17	1	001	017	160.27	1040.90	9887.29	6235.70	1	0.2080	40	0	0
18	1	001	018	170.27	1040.90	9877.29	6235.79	1	0.2350	40	0	0
19	1	001	019	180.27	1040.80	9867.29	6236.10	1	0.2430	40	0	0
20	1	001	020	190.16	1040.80	9857.40	6236.20	1	0.2540	40	0	0
21	1	001	021	199.97	1040.80	9847.59	6236.20	1	0.2660	40	0	0
22	1	001	022	210.15	1040.80	9837.40	6236.10	1	0.2870	40	0	0
23	1	001	023	220.15	1040.80	9827.40	6236.20	1	0.2930	40	0	0
24	1	001	024	230.14	1040.69	9817.40	6236.00	1	0.3000	40	0	0
25	1	001	025	240.14	1040.69	9807.40	6236.10	1	0.3750	40	0	0
26	1	001	026	250.14	1040.69	9797.40	6236.20	1	0.3885	40	0	0
27	1	001	027	260.14	1040.59	9787.40	6236.20	1	0.3975	40	0	0
28	1	001	028	270.04	1040.50	9777.50	6236.39	1	0.4140	40	0	0
29	1	001	029	280.04	1040.50	9767.50	6236.50	1	0.4260	40	0	0
30	1	001	030	289.95	1040.40	9757.59	6236.50	1	0.4420	40	0	0
31	1	001	031	300.04	1040.40	9747.50	6236.79	1	0.4460	40	0	0
32	1	001	032	310.04	1040.40	9737.50	6237.00	1	0.4495	40	0	0
33	1	001	033	319.95	1040.30	9727.59	6237.00	1	0.4515	40	0	0
34	1	001	034	330.14	1040.30	9717.40	6236.79	1	0.4560	40	0	0
35	1	001	035	340.14	1040.30	9707.40	6236.79	1	0.4585	40	0	0
36	1	001	036	350.03	1040.19	9697.50	6236.70	1	0.4610	40	0	0
37	1	001	037	360.03	1040.19	9687.50	6236.70	1	0.4625	40	0	0
38	1	001	038	370.03	1040.19	9677.50	6236.79	1	0.4645	40	0	0
39	1	001	039	380.03	1040.09	9667.50	6236.89	1	0.4675	40	0	0
40	1	001	040	390.04	1040.09	9657.50	6237.10	1	0.4710	40	0	0
41	1	001	041	400.03	1040.09	9647.50	6237.10	1	0.4720	40	0	0
42	1	001	042	409.94	1040.09	9637.59	6237.10	1	0.4735	40	0	0
43	1	001	043	419.94	1040.00	9627.59	6237.20	1	0.4755	40	0	0
44	1	001	044	429.94	1040.00	9617.59	6237.00	1	0.4790	40	0	0
45	1	001	045	439.83	1040.09	9607.70	6236.89	1	0.4805	40	0	0
46	1	001	046	449.74	1040.00	9597.79	6237.29	1	0.4820	40	0	0
47	1	001	047	459.74	1040.00	9587.79	6237.20	1	0.4850	40	0	0
48	1	001	048	469.74	1039.90	9577.79	6237.60	1	0.4905	40	0	0

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hg84.txt

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PARTIAL SEG Y HEADER DUMP

hg84.seg

```

Length = 1000 samples      Shot Elevation = 1041.5
Sample Interval = 0.00050 sec. Shot Depth = 2.9
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 10145.00
High Cut Filter = 1000 Hz. Shot Y-COORD = 6233.89
Line ID: HGM7              Shot Date (year.moday) = 1994.0609
Shot Orientation:          Shot Time (hr:min) = 11:07
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	2	-009	001	97.67	1041.50	10047.40	6231.70	1	0.1100	40	0	0
2	2	-009	002	107.65	1041.30	10037.40	6231.89	1	0.1610	40	0	0
3	2	-009	003	117.55	1041.50	10027.50	6232.20	1	0.1600	40	0	0
4	2	-009	004	127.63	1041.30	10017.40	6232.79	1	0.1730	40	0	0
5	2	-009	005	137.73	1041.19	10007.29	6233.50	1	0.1880	40	0	0
6	2	-009	006	147.82	1041.09	9997.20	6234.10	1	0.1990	40	0	0
7	2	-009	007	157.93	1041.09	9987.09	6234.50	1	0.2060	40	0	0
8	2	-009	008	167.73	1041.19	9977.29	6234.50	1	0.2270	40	0	0
9	2	-009	009	177.73	1041.19	9967.29	6234.70	1	0.2440	40	0	0
10	2	-009	010	187.73	1041.19	9957.29	6234.89	1	0.0000	40	0	0
11	2	-009	011	197.73	1041.09	9947.29	6235.10	1	0.2670	40	0	0
12	2	-009	012	207.73	1041.09	9937.29	6235.00	1	0.2800	40	0	0
13	2	-009	013	217.82	1041.09	9927.20	6235.39	1	0.2860	40	0	0
14	2	-009	014	227.73	1041.00	9917.29	6235.70	1	0.3030	40	0	0
15	2	-009	015	237.82	1041.09	9907.20	6235.60	1	0.3130	40	0	0
16	2	-009	016	247.73	1041.00	9897.29	6235.60	1	0.3260	40	0	0
17	2	-009	017	257.73	1040.90	9887.29	6235.70	1	0.3380	40	0	0
18	2	-009	018	267.73	1040.90	9877.29	6235.79	1	0.3540	40	0	0
19	2	-009	019	277.73	1040.80	9867.29	6236.10	1	0.3580	40	0	0
20	2	-009	020	287.62	1040.80	9857.40	6236.20	1	0.3730	40	0	0
21	2	-009	021	297.43	1040.80	9847.59	6236.20	1	0.3830	40	0	0
22	2	-009	022	307.62	1040.80	9837.40	6236.10	1	0.4070	40	0	0
23	2	-009	023	317.62	1040.80	9827.40	6236.20	1	0.4440	40	0	0
24	2	-009	024	327.61	1040.69	9817.40	6236.00	1	0.4565	40	0	0
25	2	-009	025	337.61	1040.69	9807.40	6236.10	1	0.4610	40	0	0
26	2	-009	026	347.61	1040.69	9797.40	6236.20	1	0.4665	40	0	0
27	2	-009	027	357.61	1040.59	9787.40	6236.20	1	0.4695	40	0	0
28	2	-009	028	367.51	1040.50	9777.50	6236.39	1	0.4715	40	0	0
29	2	-009	029	377.51	1040.50	9767.50	6236.50	1	0.4740	40	0	0
30	2	-009	030	387.42	1040.40	9757.59	6236.50	1	0.4775	40	0	0
31	2	-009	031	397.51	1040.40	9747.50	6236.79	1	0.4785	40	0	0
32	2	-009	032	407.52	1040.40	9737.50	6237.00	1	0.4795	40	0	0
33	2	-009	033	417.43	1040.30	9727.59	6237.00	1	0.4825	40	0	0
34	2	-009	034	427.61	1040.30	9717.40	6236.79	1	0.4840	40	0	0
35	2	-009	035	437.61	1040.30	9707.40	6236.79	1	0.4865	40	0	0
36	2	-009	036	447.51	1040.19	9697.50	6236.70	1	0.4885	40	0	0
37	2	-009	037	457.51	1040.19	9687.50	6236.70	1	0.4920	40	0	0
38	2	-009	038	467.51	1040.19	9677.50	6236.79	1	0.4935	40	0	0
39	2	-009	039	477.51	1040.09	9667.50	6236.89	1	0.4960	40	0	0
40	2	-009	040	487.51	1040.09	9657.50	6237.10	1	0.4975	40	0	0
41	2	-009	041	497.51	1040.09	9647.50	6237.10	1	0.0000	40	0	0
42	2	-009	042	507.42	1040.09	9637.59	6237.10	1	0.0000	40	0	0
43	2	-009	043	517.42	1040.00	9627.59	6237.20	1	0.0000	40	0	0
44	2	-009	044	527.42	1040.00	9617.59	6237.00	1	0.0000	40	0	0
45	2	-009	045	537.31	1040.09	9607.70	6236.89	1	0.0000	40	0	0
46	2	-009	046	547.22	1040.00	9597.79	6237.29	1	0.0000	40	0	0
47	2	-009	047	557.22	1040.00	9587.79	6237.20	1	0.0000	40	0	0
48	2	-009	048	567.22	1039.90	9577.79	6237.60	1	0.0000	40	0	0

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hg85.txt

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PARTIAL SEG Y HEADER DUMP

hg85.seg

```

Length = 2000 samples      Shot Elevation = 1040.7
Sample Interval = 0.00050 sec. Shot Depth = 3.5
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 9804.70
High Cut Filter = 1000 Hz. Shot Y-COORD = 6236.60
Line ID: HGM7             Shot Date (year.moday) = 1994.0609
Shot Orientation:         Shot Time (hr:min) = 11:23
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	3	025	001	242.79	1041.50	10047.40	6231.70	1	0.3040	40	0	0
2	3	025	002	232.78	1041.30	10037.40	6231.89	1	0.2970	40	0	0
3	3	025	003	222.88	1041.50	10027.50	6232.20	1	0.2810	40	0	0
4	3	025	004	212.77	1041.30	10017.40	6232.79	1	0.2710	40	0	0
5	3	025	005	202.65	1041.19	10007.29	6233.50	1	0.2610	40	0	0
6	3	025	006	192.56	1041.09	9997.20	6234.10	1	0.2520	40	0	0
7	3	025	007	182.44	1041.09	9987.09	6234.50	1	0.2390	40	0	0
8	3	025	008	172.65	1041.19	9977.29	6234.50	1	0.2330	40	0	0
9	3	025	009	162.65	1041.19	9967.29	6234.70	1	0.1640	40	0	0
10	3	025	010	152.65	1041.19	9957.29	6234.89	1	0.1580	40	0	0
11	3	025	011	142.65	1041.09	9947.29	6235.10	1	0.1570	40	0	0
12	3	025	012	132.66	1041.09	9937.29	6235.00	1	0.1410	40	0	0
13	3	025	013	122.57	1041.09	9927.20	6235.39	1	0.1370	40	0	0
14	3	025	014	112.66	1041.00	9917.29	6235.70	1	0.1210	40	0	0
15	3	025	015	102.58	1041.09	9907.20	6235.60	1	0.1100	40	0	0
16	3	025	016	92.67	1041.00	9897.29	6235.60	1	0.1030	40	0	0
17	3	025	017	82.68	1040.90	9887.29	6235.70	1	0.0900	40	0	0
18	3	025	018	72.69	1040.90	9877.29	6235.79	1	0.0560	40	0	0
19	3	025	019	62.70	1040.80	9867.29	6236.10	1	0.0470	40	0	0
20	3	025	020	52.83	1040.80	9857.40	6236.20	1	0.0380	40	0	0
21	3	025	021	43.04	1040.80	9847.59	6236.20	1	0.0290	40	0	0
22	3	025	022	32.90	1040.80	9837.40	6236.10	1	0.0190	40	0	0
23	3	025	023	22.99	1040.80	9827.40	6236.20	1	0.0194	40	0	0
24	3	025	024	13.19	1040.69	9817.40	6236.00	1	0.0135	40	0	0
25	3	025	025	4.45	1040.69	9807.40	6236.10	1	0.0049	40	0	0
26	3	025	026	8.11	1040.69	9797.40	6236.20	1	0.0076	40	0	0
27	3	025	027	17.64	1040.59	9787.40	6236.20	1	0.0121	40	0	0
28	3	025	028	27.40	1040.50	9777.50	6236.39	1	0.0167	40	0	0
29	3	025	029	37.35	1040.50	9767.50	6236.50	1	0.0000	40	0	0
30	3	025	030	47.22	1040.40	9757.59	6236.50	1	0.0370	40	0	0
31	3	025	031	57.29	1040.40	9747.50	6236.79	1	0.0000	40	0	0
32	3	025	032	67.28	1040.40	9737.50	6237.00	1	0.0860	40	0	0
33	3	025	033	77.17	1040.30	9727.59	6237.00	1	0.1010	40	0	0
34	3	025	034	87.36	1040.30	9717.40	6236.79	1	0.0990	40	0	0
35	3	025	035	97.35	1040.30	9707.40	6236.79	1	0.1240	40	0	0
36	3	025	036	107.24	1040.19	9697.50	6236.70	1	0.1540	40	0	0
37	3	025	037	117.24	1040.19	9687.50	6236.70	1	0.1700	40	0	0
38	3	025	038	127.24	1040.19	9677.50	6236.79	1	0.1830	40	0	0
39	3	025	039	137.23	1040.09	9667.50	6236.89	1	0.1920	40	0	0
40	3	025	040	147.23	1040.09	9657.50	6237.10	1	0.2060	40	0	0
41	3	025	041	157.23	1040.09	9647.50	6237.10	1	0.2110	40	0	0
42	3	025	042	167.14	1040.09	9637.59	6237.10	1	0.2250	40	0	0
43	3	025	043	177.13	1040.00	9627.59	6237.20	1	0.2350	40	0	0
44	3	025	044	187.13	1040.00	9617.59	6237.00	1	0.2480	40	0	0
45	3	025	045	197.02	1040.09	9607.70	6236.89	1	0.2620	40	0	0
46	3	025	046	206.93	1040.00	9597.79	6237.29	1	0.2690	40	0	0
47	3	025	047	216.93	1040.00	9587.79	6237.20	1	0.2860	40	0	0
48	3	025	048	226.93	1039.90	9577.79	6237.60	1	0.0000	40	0	0

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hg86.txt

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PARTIAL SEG Y HEADER DUMP

hg86.seg

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Length = 2000 samples          Shot Elevation = 1039.9
Sample Interval = 0.00050 sec. Shot Depth = 3.5
Delay Time = 0 msec.           Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.        Shot X-COORD = 9574.79
High Cut Filter = 1000 Hz.     Shot Y-COORD = 6238.00
Line ID: HGM7                 Shot Date (year.moday) = 1994.0609
Shot Orientation:             Shot Time (hr:min) = 11:36
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	4	048	001	472.68	1041.50	10047.40	6231.70	1	0.4850	40	0	0
2	4	048	002	462.68	1041.30	10037.40	6231.89	1	0.4820	40	0	0
3	4	048	003	452.78	1041.50	10027.50	6232.20	1	0.4790	40	0	0
4	4	048	004	442.67	1041.30	10017.40	6232.79	1	0.4760	40	0	0
5	4	048	005	432.55	1041.19	10007.29	6233.50	1	0.4770	40	0	0
6	4	048	006	422.45	1041.09	9997.20	6234.10	1	0.4710	40	0	0
7	4	048	007	412.34	1041.09	9987.09	6234.50	1	0.4690	40	0	0
8	4	048	008	402.54	1041.19	9977.29	6234.50	1	0.4650	40	0	0
9	4	048	009	392.54	1041.19	9967.29	6234.70	1	0.4690	40	0	0
10	4	048	010	382.54	1041.19	9957.29	6234.89	1	0.4680	40	0	0
11	4	048	011	372.54	1041.09	9947.29	6235.10	1	0.4680	40	0	0
12	4	048	012	362.54	1041.09	9937.29	6235.00	1	0.4630	40	0	0
13	4	048	013	352.45	1041.09	9927.20	6235.39	1	0.4600	40	0	0
14	4	048	014	342.54	1041.00	9917.29	6235.70	1	0.4580	40	0	0
15	4	048	015	332.45	1041.09	9907.20	6235.60	1	0.4570	40	0	0
16	4	048	016	322.54	1041.00	9897.29	6235.60	1	0.4580	40	0	0
17	4	048	017	312.54	1040.90	9887.29	6235.70	1	0.4460	40	0	0
18	4	048	018	302.54	1040.90	9877.29	6235.79	1	0.4020	40	0	0
19	4	048	019	292.54	1040.80	9867.29	6236.10	1	0.3840	40	0	0
20	4	048	020	282.65	1040.80	9857.40	6236.20	1	0.3660	40	0	0
21	4	048	021	272.84	1040.80	9847.59	6236.20	1	0.3600	40	0	0
22	4	048	022	262.65	1040.80	9837.40	6236.10	1	0.3550	40	0	0
23	4	048	023	252.66	1040.80	9827.40	6236.20	1	0.0000	40	0	0
24	4	048	024	242.66	1040.69	9817.40	6236.00	1	0.3210	40	0	0
25	4	048	025	232.66	1040.69	9807.40	6236.10	1	0.3040	40	0	0
26	4	048	026	222.66	1040.69	9797.40	6236.20	1	0.2960	40	0	0
27	4	048	027	212.66	1040.59	9787.40	6236.20	1	0.2850	40	0	0
28	4	048	028	202.76	1040.50	9777.50	6236.39	1	0.2730	40	0	0
29	4	048	029	192.76	1040.50	9767.50	6236.50	1	0.2610	40	0	0
30	4	048	030	182.85	1040.40	9757.59	6236.50	1	0.2480	40	0	0
31	4	048	031	172.76	1040.40	9747.50	6236.79	1	0.2330	40	0	0
32	4	048	032	162.76	1040.40	9737.50	6237.00	1	0.2200	40	0	0
33	4	048	033	152.85	1040.30	9727.59	6237.00	1	0.2040	40	0	0
34	4	048	034	142.67	1040.30	9717.40	6236.79	1	0.1950	40	0	0
35	4	048	035	132.67	1040.30	9707.40	6236.79	1	0.1770	40	0	0
36	4	048	036	122.78	1040.19	9697.50	6236.70	1	0.1520	40	0	0
37	4	048	037	112.78	1040.19	9687.50	6236.70	1	0.1400	40	0	0
38	4	048	038	102.79	1040.19	9677.50	6236.79	1	0.1230	40	0	0
39	4	048	039	92.79	1040.09	9667.50	6236.89	1	0.1130	40	0	0
40	4	048	040	82.80	1040.09	9657.50	6237.10	1	0.0970	40	0	0
41	4	048	041	72.81	1040.09	9647.50	6237.10	1	0.0840	40	0	0
42	4	048	042	62.91	1040.09	9637.59	6237.10	1	0.0740	40	0	0
43	4	048	043	52.93	1040.00	9627.59	6237.20	1	0.0590	40	0	0
44	4	048	044	42.96	1040.00	9617.59	6237.00	1	0.0500	40	0	0
45	4	048	045	33.13	1040.09	9607.70	6236.89	1	0.0390	40	0	0
46	4	048	046	23.29	1040.00	9597.79	6237.29	1	0.0240	40	0	0
47	4	048	047	13.51	1040.00	9587.79	6237.20	1	0.0150	40	0	0
48	4	048	048	4.63	1039.90	9577.79	6237.60	1	0.0066	40	0	0

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hg87.txt

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PARTIAL SEG Y HEADER DUMP

hg87.seg

```

Length = 2000 samples      Shot Elevation = 1040.3
Sample Interval = 0.00050 sec. Shot Depth = 3.7
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 9475.00
High Cut Filter = 1000 Hz. Shot Y-COORD = 6238.29
Line ID: HGM7              Shot Date (year.moday) = 1994.0609
Shot Orientation:          Shot Time (hr:min) = 11:45
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	5	058	001	572.46	1041.50	10047.40	6231.70	1	0.5110	40	0	0
2	5	058	002	562.46	1041.30	10037.40	6231.89	1	0.5130	40	0	0
3	5	058	003	552.56	1041.50	10027.50	6232.20	1	0.5030	40	0	0
4	5	058	004	542.45	1041.30	10017.40	6232.79	1	0.5010	40	0	0
5	5	058	005	532.33	1041.19	10007.29	6233.50	1	0.5000	40	0	0
6	5	058	006	522.24	1041.09	9997.20	6234.10	1	0.4960	40	0	0
7	5	058	007	512.12	1041.09	9987.09	6234.50	1	0.4920	40	0	0
8	5	058	008	502.33	1041.19	9977.29	6234.50	1	0.4930	40	0	0
9	5	058	009	492.32	1041.19	9967.29	6234.70	1	0.5000	40	0	0
10	5	058	010	482.32	1041.19	9957.29	6234.89	1	0.4940	40	0	0
11	5	058	011	472.32	1041.09	9947.29	6235.10	1	0.4930	40	0	0
12	5	058	012	462.32	1041.09	9937.29	6235.00	1	0.4890	40	0	0
13	5	058	013	452.23	1041.09	9927.20	6235.39	1	0.4870	40	0	0
14	5	058	014	442.32	1041.00	9917.29	6235.70	1	0.4810	40	0	0
15	5	058	015	432.23	1041.09	9907.20	6235.60	1	0.4780	40	0	0
16	5	058	016	422.32	1041.00	9897.29	6235.60	1	0.4780	40	0	0
17	5	058	017	412.32	1040.90	9887.29	6235.70	1	0.4720	40	0	0
18	5	058	018	402.32	1040.90	9877.29	6235.79	1	0.4730	40	0	0
19	5	058	019	392.32	1040.80	9867.29	6236.10	1	0.4720	40	0	0
20	5	058	020	382.43	1040.80	9857.40	6236.20	1	0.4700	40	0	0
21	5	058	021	372.62	1040.80	9847.59	6236.20	1	0.4710	40	0	0
22	5	058	022	362.43	1040.80	9837.40	6236.10	1	0.4610	40	0	0
23	5	058	023	352.43	1040.80	9827.40	6236.20	1	0.4690	40	0	0
24	5	058	024	342.43	1040.69	9817.40	6236.00	1	0.4620	40	0	0
25	5	058	025	332.43	1040.69	9807.40	6236.10	1	0.4550	40	0	0
26	5	058	026	322.43	1040.69	9797.40	6236.20	1	0.4520	40	0	0
27	5	058	027	312.43	1040.59	9787.40	6236.20	1	0.4400	40	0	0
28	5	058	028	302.53	1040.50	9777.50	6236.39	1	0.4230	40	0	0
29	5	058	029	292.53	1040.50	9767.50	6236.50	1	0.3970	40	0	0
30	5	058	030	282.62	1040.40	9757.59	6236.50	1	0.3840	40	0	0
31	5	058	031	272.53	1040.40	9747.50	6236.79	1	0.3720	40	0	0
32	5	058	032	262.53	1040.40	9737.50	6237.00	1	0.3610	40	0	0
33	5	058	033	252.62	1040.30	9727.59	6237.00	1	0.3450	40	0	0
34	5	058	034	242.43	1040.30	9717.40	6236.79	1	0.3300	40	0	0
35	5	058	035	232.43	1040.30	9707.40	6236.79	1	0.3130	40	0	0
36	5	058	036	222.53	1040.19	9697.50	6236.70	1	0.3050	40	0	0
37	5	058	037	212.54	1040.19	9687.50	6236.70	1	0.2930	40	0	0
38	5	058	038	202.54	1040.19	9677.50	6236.79	1	0.2760	40	0	0
39	5	058	039	192.54	1040.09	9667.50	6236.89	1	0.2620	40	0	0
40	5	058	040	182.54	1040.09	9657.50	6237.10	1	0.2530	40	0	0
41	5	058	041	172.54	1040.09	9647.50	6237.10	1	0.2380	40	0	0
42	5	058	042	162.63	1040.09	9637.59	6237.10	1	0.2250	40	0	0
43	5	058	043	152.63	1040.00	9627.59	6237.20	1	0.2080	40	0	0
44	5	058	044	142.64	1040.00	9617.59	6237.00	1	0.1980	40	0	0
45	5	058	045	132.75	1040.09	9607.70	6236.89	1	0.1870	40	0	0
46	5	058	046	122.84	1040.00	9597.79	6237.29	1	0.1720	40	0	0
47	5	058	047	112.85	1040.00	9587.79	6237.20	1	0.1660	40	0	0
48	5	058	048	102.85	1039.90	9577.79	6237.60	1	0.1430	40	0	0

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hg88.txt

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PARTIAL SEG Y HEADER DUMP

hg88.seg

```

Length = 2000 samples          Shot Elevation = 1041.4
Sample Interval = 0.00050 sec. Shot Depth = 3.7
Delay Time = 0 msec.           Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.         Shot X-COORD = 10045.29
High Cut Filter = 1000 Hz.      Shot Y-COORD = 6232.39
Line ID: HGM8                  Shot Date (year.moday) = 1994.0609
Shot Orientation:              Shot Time (hr:min) = 13:31
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	1	024	001	230.34	1040.90	10046.70	6462.70	1	0.2870	40	0	0
2	1	024	002	220.24	1040.90	10046.20	6452.60	1	0.2840	40	0	0
3	1	024	003	210.14	1040.90	10046.40	6442.50	1	0.2640	40	0	0
4	1	024	004	200.34	1040.80	10046.09	6432.70	1	0.2570	40	0	0
5	1	024	005	190.34	1040.80	10046.00	6422.70	1	0.2460	40	0	0
6	1	024	006	180.24	1040.80	10045.79	6412.60	1	0.2360	40	0	0
7	1	024	007	170.43	1040.69	10045.70	6402.79	1	0.2130	40	0	0
8	1	024	008	160.53	1040.69	10045.79	6392.89	1	0.2040	40	0	0
9	1	024	009	150.43	1040.69	10045.79	6382.79	1	0.1860	40	0	0
10	1	024	010	140.53	1040.59	10045.79	6372.89	1	0.1770	40	0	0
11	1	024	011	130.53	1040.59	10045.50	6362.89	1	0.1610	40	0	0
12	1	024	012	120.54	1040.69	10045.59	6352.89	1	0.1510	40	0	0
13	1	024	013	110.54	1040.69	10045.90	6342.89	1	0.1370	40	0	0
14	1	024	014	100.55	1040.69	10045.79	6332.89	1	0.1190	40	0	0
15	1	024	015	90.55	1040.69	10045.90	6322.89	1	0.1100	40	0	0
16	1	024	016	80.56	1040.69	10045.79	6312.89	1	0.0950	40	0	0
17	1	024	017	70.57	1040.69	10046.00	6302.89	1	0.0870	40	0	0
18	1	024	018	60.69	1040.80	10046.09	6293.00	1	0.0650	40	0	0
19	1	024	019	50.71	1040.80	10046.20	6283.00	1	0.0550	40	0	0
20	1	024	020	40.76	1041.00	10046.29	6273.00	1	0.0440	40	0	0
21	1	024	021	30.80	1041.00	10046.29	6263.00	1	0.0290	40	0	0
22	1	024	022	20.93	1041.09	10046.70	6253.00	1	0.0170	40	0	0
23	1	024	023	11.27	1041.19	10046.79	6243.00	1	0.0146	40	0	0
24	1	024	024	3.64	1041.30	10044.90	6232.79	1	0.0074	40	0	0
25	1	024	025	10.34	1041.40	10041.79	6223.39	1	0.0123	40	0	0
26	1	024	026	19.98	1041.50	10040.00	6213.50	1	0.0170	40	0	0
27	1	024	027	29.72	1041.59	10039.00	6203.60	1	0.0220	40	0	0
28	1	024	028	39.69	1041.80	10038.50	6193.50	1	0.0290	40	0	0
29	1	024	029	49.58	1041.90	10038.20	6183.50	1	0.0350	40	0	0
30	1	024	030	59.32	1042.09	10037.90	6173.70	1	0.0430	40	0	0
31	1	024	031	69.46	1042.30	10037.70	6163.50	1	0.0500	40	0	0
32	1	024	032	79.31	1042.50	10037.59	6153.60	1	0.0590	40	0	0
33	1	024	033	89.36	1042.59	10037.59	6143.50	1	0.0710	40	0	0
34	1	024	034	99.32	1042.69	10037.50	6133.50	1	0.0760	40	0	0
35	1	024	035	109.50	1042.90	10037.59	6123.29	1	0.0900	40	0	0
36	1	024	036	119.16	1043.00	10037.50	6113.60	1	0.0000	40	0	0
37	1	024	037	129.25	1043.19	10037.29	6103.50	1	0.0000	40	0	0
38	1	024	038	139.35	1043.40	10037.20	6093.39	1	0.0000	40	0	0
39	1	024	039	149.24	1043.69	10037.09	6083.50	1	0.0000	40	0	0
40	1	024	040	159.34	1043.90	10037.00	6073.39	1	0.0000	40	0	0
41	1	024	041	169.34	1044.30	10036.90	6063.39	1	0.0000	40	0	0
42	1	024	042	179.33	1044.59	10036.79	6053.39	1	0.0000	40	0	0
43	1	024	043	189.35	1044.90	10036.29	6043.39	1	0.0000	40	0	0
44	1	024	044	199.37	1045.30	10035.90	6033.39	1	0.0000	40	0	0
45	1	024	045	209.39	1045.59	10035.29	6023.39	1	0.0000	40	0	0
46	1	024	046	219.39	1046.00	10035.29	6013.39	1	0.0000	40	0	0
47	1	024	047	229.26	1046.30	10035.50	6003.50	1	0.0000	40	0	0
48	1	024	048	239.37	1046.59	10035.29	5993.39	1	0.0000	40	0	0

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hg89.txt

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PARTIAL SEG Y HEADER DUMP

hg89.seg

Length = 2000 samples
 Sample Interval = 0.00050 sec.
 Delay Time = 0 msec.
 Low Cut Filter = 32 Hz.
 High Cut Filter = 1000 Hz.
 Line ID: HGM8
 Shot Orientation:
 Azimuth= 0 Deg. Vertical= 0 Deg.

Shot Elevation = 1040.9
 Shot Depth = 3.7
 Up Hole Time = 0 msec
 Shot X-COORD = 10046.70
 Shot Y-COORD = 6462.50
 Shot Date (year.moday) = 1994.0609
 Shot Time (hr:min) = 13:47
 Charge Size (grams)= 0

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	2	001	001	3.71	1040.90	10046.70	6462.70	1	0.0038	40	0	0
2	2	001	002	10.58	1040.90	10046.20	6452.60	1	0.0110	40	0	0
3	2	001	003	20.34	1040.90	10046.40	6442.50	1	0.0190	40	0	0
4	2	001	004	30.02	1040.80	10046.09	6432.70	1	0.0290	40	0	0
5	2	001	005	39.97	1040.80	10046.00	6422.70	1	0.0380	40	0	0
6	2	001	006	50.04	1040.80	10045.79	6412.60	1	0.0480	40	0	0
7	2	001	007	59.82	1040.69	10045.70	6402.79	1	0.0570	40	0	0
8	2	001	008	69.70	1040.69	10045.79	6392.89	1	0.0710	40	0	0
9	2	001	009	79.79	1040.69	10045.79	6382.79	1	0.0000	40	0	0
10	2	001	010	89.68	1040.59	10045.79	6372.89	1	0.0000	40	0	0
11	2	001	011	99.67	1040.59	10045.50	6362.89	1	0.0000	40	0	0
12	2	001	012	109.67	1040.69	10045.59	6352.89	1	0.1230	40	0	0
13	2	001	013	119.66	1040.69	10045.90	6342.89	1	0.1330	40	0	0
14	2	001	014	129.66	1040.69	10045.79	6332.89	1	0.1450	40	0	0
15	2	001	015	139.66	1040.69	10045.90	6322.89	1	0.1520	40	0	0
16	2	001	016	149.65	1040.69	10045.79	6312.89	1	0.1650	40	0	0
17	2	001	017	159.65	1040.69	10046.00	6302.89	1	0.1760	40	0	0
18	2	001	018	169.54	1040.80	10046.09	6293.00	1	0.1900	40	0	0
19	2	001	019	179.54	1040.80	10046.20	6283.00	1	0.1990	40	0	0
20	2	001	020	189.54	1041.00	10046.29	6273.00	1	0.2160	40	0	0
21	2	001	021	199.54	1041.00	10046.29	6263.00	1	0.2310	40	0	0
22	2	001	022	209.54	1041.09	10046.70	6253.00	1	0.0000	40	0	0
23	2	001	023	219.54	1041.19	10046.79	6243.00	1	0.2820	40	0	0
24	2	001	024	229.75	1041.30	10044.90	6232.79	1	0.2950	40	0	0
25	2	001	025	239.20	1041.40	10041.79	6223.39	1	0.2980	40	0	0
26	2	001	026	249.13	1041.50	10040.00	6213.50	1	0.3060	40	0	0
27	2	001	027	259.05	1041.59	10039.00	6203.60	1	0.3190	40	0	0
28	2	001	028	269.16	1041.80	10038.50	6193.50	1	0.3300	40	0	0
29	2	001	029	279.17	1041.90	10038.20	6183.50	1	0.3370	40	0	0
30	2	001	030	288.98	1042.09	10037.90	6173.70	1	0.3520	40	0	0
31	2	001	031	299.18	1042.30	10037.70	6163.50	1	0.3850	40	0	0
32	2	001	032	309.08	1042.50	10037.59	6153.60	1	0.3980	40	0	0
33	2	001	033	319.18	1042.59	10037.59	6143.50	1	0.4040	40	0	0
34	2	001	034	329.17	1042.69	10037.50	6133.50	1	0.4150	40	0	0
35	2	001	035	339.38	1042.90	10037.59	6123.29	1	0.4270	40	0	0
36	2	001	036	349.07	1043.00	10037.50	6113.60	1	0.4390	40	0	0
37	2	001	037	359.17	1043.19	10037.29	6103.50	1	0.4560	40	0	0
38	2	001	038	369.28	1043.40	10037.20	6093.39	1	0.4660	40	0	0
39	2	001	039	379.18	1043.69	10037.09	6083.50	1	0.4690	40	0	0
40	2	001	040	389.29	1043.90	10037.00	6073.39	1	0.4710	40	0	0
41	2	001	041	399.29	1044.30	10036.90	6063.39	1	0.4740	40	0	0
42	2	001	042	409.30	1044.59	10036.79	6053.39	1	0.4790	40	0	0
43	2	001	043	419.31	1044.90	10036.29	6043.39	1	0.0000	40	0	0
44	2	001	044	429.32	1045.30	10035.90	6033.39	1	0.4850	40	0	0
45	2	001	045	439.34	1045.59	10035.29	6023.39	1	0.4870	40	0	0
46	2	001	046	449.34	1046.00	10035.29	6013.39	1	0.4850	40	0	0
47	2	001	047	459.23	1046.30	10035.50	6003.50	1	0.4910	40	0	0
48	2	001	048	469.34	1046.59	10035.29	5993.39	1	0.4930	40	0	0

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hg90.txt

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PARTIAL SEG Y HEADER DUMP

hg90.seg

```

Length = 2000 samples      Shot Elevation = 1039.5
Sample Interval = 0.00050 sec. Shot Depth = 3.5
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 10044.50
High Cut Filter = 1000 Hz. Shot Y-COORD = 6562.39
Line ID: HGM8             Shot Date (year.moday) = 1994.0609
Shot Orientation:         Shot Time (hr:min) = 13:54
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	3	-009	001	99.83	1040.90	10046.70	6462.70	1	0.1070	40	0	0
2	3	-009	002	109.91	1040.90	10046.20	6452.60	1	0.1310	40	0	0
3	3	-009	003	120.01	1040.90	10046.40	6442.50	1	0.1460	40	0	0
4	3	-009	004	129.79	1040.80	10046.09	6432.70	1	0.1570	40	0	0
5	3	-009	005	139.78	1040.80	10046.00	6422.70	1	0.1710	40	0	0
6	3	-009	006	149.87	1040.80	10045.79	6412.60	1	0.1820	40	0	0
7	3	-009	007	159.67	1040.69	10045.70	6402.79	1	0.1920	40	0	0
8	3	-009	008	169.57	1040.69	10045.79	6392.89	1	0.2050	40	0	0
9	3	-009	009	179.67	1040.69	10045.79	6382.79	1	0.2160	40	0	0
10	3	-009	010	189.56	1040.59	10045.79	6372.89	1	0.2300	40	0	0
11	3	-009	011	199.56	1040.59	10045.50	6362.89	1	0.2450	40	0	0
12	3	-009	012	209.56	1040.69	10045.59	6352.89	1	0.2570	40	0	0
13	3	-009	013	219.55	1040.69	10045.90	6342.89	1	0.2660	40	0	0
14	3	-009	014	229.55	1040.69	10045.79	6332.89	1	0.2800	40	0	0
15	3	-009	015	239.55	1040.69	10045.90	6322.89	1	0.2920	40	0	0
16	3	-009	016	249.55	1040.69	10045.79	6312.89	1	0.3060	40	0	0
17	3	-009	017	259.55	1040.69	10046.00	6302.89	1	0.3140	40	0	0
18	3	-009	018	269.44	1040.80	10046.09	6293.00	1	0.3280	40	0	0
19	3	-009	019	279.44	1040.80	10046.20	6283.00	1	0.3460	40	0	0
20	3	-009	020	289.44	1041.00	10046.29	6273.00	1	0.3920	40	0	0
21	3	-009	021	299.44	1041.00	10046.29	6263.00	1	0.4040	40	0	0
22	3	-009	022	309.44	1041.09	10046.70	6253.00	1	0.4140	40	0	0
23	3	-009	023	319.44	1041.19	10046.79	6243.00	1	0.4260	40	0	0
24	3	-009	024	329.64	1041.30	10044.90	6232.79	1	0.4420	40	0	0
25	3	-009	025	339.05	1041.40	10041.79	6223.39	1	0.4490	40	0	0
26	3	-009	026	348.96	1041.50	10040.00	6213.50	1	0.4550	40	0	0
27	3	-009	027	358.88	1041.59	10039.00	6203.60	1	0.4640	40	0	0
28	3	-009	028	368.98	1041.80	10038.50	6193.50	1	0.4660	40	0	0
29	3	-009	029	378.99	1041.90	10038.20	6183.50	1	0.4640	40	0	0
30	3	-009	030	388.79	1042.09	10037.90	6173.70	1	0.4680	40	0	0
31	3	-009	031	399.00	1042.30	10037.70	6163.50	1	0.4760	40	0	0
32	3	-009	032	408.90	1042.50	10037.59	6153.60	1	0.4810	40	0	0
33	3	-009	033	419.00	1042.59	10037.59	6143.50	1	0.4830	40	0	0
34	3	-009	034	429.00	1042.69	10037.50	6133.50	1	0.4820	40	0	0
35	3	-009	035	439.21	1042.90	10037.59	6123.29	1	0.4870	40	0	0
36	3	-009	036	448.90	1043.00	10037.50	6113.60	1	0.4840	40	0	0
37	3	-009	037	459.00	1043.19	10037.29	6103.50	1	0.4900	40	0	0
38	3	-009	038	469.12	1043.40	10037.20	6093.39	1	0.4940	40	0	0
39	3	-009	039	479.01	1043.69	10037.09	6083.50	1	0.4970	40	0	0
40	3	-009	040	489.12	1043.90	10037.00	6073.39	1	0.4980	40	0	0
41	3	-009	041	499.13	1044.30	10036.90	6063.39	1	0.4990	40	0	0
42	3	-009	042	509.13	1044.59	10036.79	6053.39	1	0.5040	40	0	0
43	3	-009	043	519.14	1044.90	10036.29	6043.39	1	0.0000	40	0	0
44	3	-009	044	529.15	1045.30	10035.90	6033.39	1	0.5090	40	0	0
45	3	-009	045	539.16	1045.59	10035.29	6023.39	1	0.5140	40	0	0
46	3	-009	046	549.17	1046.00	10035.29	6013.39	1	0.5180	40	0	0
47	3	-009	047	559.06	1046.30	10035.50	6003.50	1	0.5190	40	0	0
48	3	-009	048	569.17	1046.59	10035.29	5993.39	1	0.5220	40	0	0

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hg91.txt

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PARTIAL SEG Y HEADER DUMP

hg91.seg

```

Length = 2000 samples          Shot Elevation = 1046.7
Sample Interval = 0.00050 sec. Shot Depth = 3.7
Delay Time = 0 msec.           Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.         Shot X-COORD = 10035.50
High Cut Filter = 1000 Hz.      Shot Y-COORD = 5992.00
Line ID: HGM8                  Shot Date (year.moday) = 1994.0609
Shot Orientation:              Shot Time (hr:min) = 14:17
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	4	048	001	470.84	1040.90	10046.70	6462.70	1	0.4915	40	0	0
2	4	048	002	460.73	1040.90	10046.20	6452.60	1	0.4935	40	0	0
3	4	048	003	450.64	1040.90	10046.40	6442.50	1	0.4895	40	0	0
4	4	048	004	440.83	1040.80	10046.09	6432.70	1	0.4875	40	0	0
5	4	048	005	430.83	1040.80	10046.00	6422.70	1	0.4815	40	0	0
6	4	048	006	420.73	1040.80	10045.79	6412.60	1	0.4785	40	0	0
7	4	048	007	410.92	1040.69	10045.70	6402.79	1	0.0000	40	0	0
8	4	048	008	401.03	1040.69	10045.79	6392.89	1	0.0000	40	0	0
9	4	048	009	390.93	1040.69	10045.79	6382.79	1	0.4745	40	0	0
10	4	048	010	381.04	1040.59	10045.79	6372.89	1	0.4735	40	0	0
11	4	048	011	371.03	1040.59	10045.50	6362.89	1	0.4725	40	0	0
12	4	048	012	361.04	1040.69	10045.59	6352.89	1	0.4655	40	0	0
13	4	048	013	351.05	1040.69	10045.90	6342.89	1	0.4615	40	0	0
14	4	048	014	341.05	1040.69	10045.79	6332.89	1	0.4545	40	0	0
15	4	048	015	331.06	1040.69	10045.90	6322.89	1	0.0000	40	0	0
16	4	048	016	321.06	1040.69	10045.79	6312.89	1	0.4175	40	0	0
17	4	048	017	311.08	1040.69	10046.00	6302.89	1	0.4085	40	0	0
18	4	048	018	301.19	1040.80	10046.09	6293.00	1	0.3995	40	0	0
19	4	048	019	291.20	1040.80	10046.20	6283.00	1	0.3855	40	0	0
20	4	048	020	281.21	1041.00	10046.29	6273.00	1	0.3775	40	0	0
21	4	048	021	271.22	1041.00	10046.29	6263.00	1	0.3685	40	0	0
22	4	048	022	261.25	1041.09	10046.70	6253.00	1	0.3545	40	0	0
23	4	048	023	251.26	1041.19	10046.79	6243.00	1	0.3445	40	0	0
24	4	048	024	240.98	1041.30	10044.90	6232.79	1	0.3275	40	0	0
25	4	048	025	231.48	1041.40	10041.79	6223.39	1	0.3145	40	0	0
26	4	048	026	221.55	1041.50	10040.00	6213.50	1	0.3005	40	0	0
27	4	048	027	211.63	1041.59	10039.00	6203.60	1	0.2885	40	0	0
28	4	048	028	201.53	1041.80	10038.50	6193.50	1	0.2785	40	0	0
29	4	048	029	191.52	1041.90	10038.20	6183.50	1	0.2645	40	0	0
30	4	048	030	181.72	1042.09	10037.90	6173.70	1	0.2485	40	0	0
31	4	048	031	171.52	1042.30	10037.70	6163.50	1	0.0000	40	0	0
32	4	048	032	161.61	1042.50	10037.59	6153.60	1	0.2255	40	0	0
33	4	048	033	151.51	1042.59	10037.59	6143.50	1	0.2105	40	0	0
34	4	048	034	141.51	1042.69	10037.50	6133.50	1	0.1985	40	0	0
35	4	048	035	131.31	1042.90	10037.59	6123.29	1	0.1845	40	0	0
36	4	048	036	121.62	1043.00	10037.50	6113.60	1	0.1735	40	0	0
37	4	048	037	111.51	1043.19	10037.29	6103.50	1	0.1625	40	0	0
38	4	048	038	101.41	1043.40	10037.20	6093.39	1	0.1555	40	0	0
39	4	048	039	91.52	1043.69	10037.09	6083.50	1	0.1445	40	0	0
40	4	048	040	81.41	1043.90	10037.00	6073.39	1	0.0935	40	0	0
41	4	048	041	71.42	1044.30	10036.90	6063.39	1	0.0925	40	0	0
42	4	048	042	61.42	1044.59	10036.79	6053.39	1	0.0875	40	0	0
43	4	048	043	51.43	1044.90	10036.29	6043.39	1	0.0000	40	0	0
44	4	048	044	41.46	1045.30	10035.90	6033.39	1	0.0705	40	0	0
45	4	048	045	31.50	1045.59	10035.29	6023.39	1	0.0367	40	0	0
46	4	048	046	21.60	1046.00	10035.29	6013.39	1	0.0255	40	0	0
47	4	048	047	11.97	1046.30	10035.50	6003.50	1	0.0145	40	0	0
48	4	048	048	3.86	1046.59	10035.29	5993.39	1	0.0045	40	0	0

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hg92.txt

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PARTIAL SEG Y HEADER DUMP

hg92.seg

```

Length = 2000 samples      Shot Elevation = 1046.9
Sample Interval = 0.00050 sec. Shot Depth = 3.7
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 10035.50
High Cut Filter = 1000 Hz. Shot Y-COORD = 5889.60
Line ID: HGM8             Shot Date (year.moday) = 1994.0609
Shot Orientation:         Shot Time (hr:min) = 14:27
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

```

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	5	058	001	573.21	1040.90	10046.70	6462.70	1	0.5195	40	0	0
2	5	058	002	563.11	1040.90	10046.20	6452.60	1	0.5195	40	0	0
3	5	058	003	553.01	1040.90	10046.40	6442.50	1	0.5175	40	0	0
4	5	058	004	543.21	1040.80	10046.09	6432.70	1	0.5135	40	0	0
5	5	058	005	533.21	1040.80	10046.00	6422.70	1	0.5115	40	0	0
6	5	058	006	523.11	1040.80	10045.79	6412.60	1	0.5035	40	0	0
7	5	058	007	513.30	1040.69	10045.70	6402.79	1	0.5025	40	0	0
8	5	058	008	503.40	1040.69	10045.79	6392.89	1	0.5055	40	0	0
9	5	058	009	493.30	1040.69	10045.79	6382.79	1	0.4975	40	0	0
10	5	058	010	483.41	1040.59	10045.79	6372.89	1	0.4945	40	0	0
11	5	058	011	473.40	1040.59	10045.50	6362.89	1	0.4965	40	0	0
12	5	058	012	463.41	1040.69	10045.59	6352.89	1	0.4955	40	0	0
13	5	058	013	453.42	1040.69	10045.90	6342.89	1	0.4945	40	0	0
14	5	058	014	443.42	1040.69	10045.79	6332.89	1	0.4915	40	0	0
15	5	058	015	433.42	1040.69	10045.90	6322.89	1	0.4845	40	0	0
16	5	058	016	423.42	1040.69	10045.79	6312.89	1	0.4825	40	0	0
17	5	058	017	413.43	1040.69	10046.00	6302.89	1	0.4825	40	0	0
18	5	058	018	403.55	1040.80	10046.09	6293.00	1	0.4785	40	0	0
19	5	058	019	393.55	1040.80	10046.20	6283.00	1	0.4745	40	0	0
20	5	058	020	383.56	1041.00	10046.29	6273.00	1	0.4745	40	0	0
21	5	058	021	373.56	1041.00	10046.29	6263.00	1	0.4745	40	0	0
22	5	058	022	363.58	1041.09	10046.70	6253.00	1	0.4695	40	0	0
23	5	058	023	353.59	1041.19	10046.79	6243.00	1	0.4655	40	0	0
24	5	058	024	343.32	1041.30	10044.90	6232.79	1	0.4565	40	0	0
25	5	058	025	333.85	1041.40	10041.79	6223.39	1	0.4405	40	0	0
26	5	058	026	323.94	1041.50	10040.00	6213.50	1	0.4345	40	0	0
27	5	058	027	314.02	1041.59	10039.00	6203.60	1	0.4125	40	0	0
28	5	058	028	303.92	1041.80	10038.50	6193.50	1	0.0000	40	0	0
29	5	058	029	293.92	1041.90	10038.20	6183.50	1	0.3515	40	0	0
30	5	058	030	284.11	1042.09	10037.90	6173.70	1	0.3385	40	0	0
31	5	058	031	273.91	1042.30	10037.70	6163.50	1	0.3275	40	0	0
32	5	058	032	264.01	1042.50	10037.59	6153.60	1	0.3215	40	0	0
33	5	058	033	253.91	1042.59	10037.59	6143.50	1	0.3075	40	0	0
34	5	058	034	243.91	1042.69	10037.50	6133.50	1	0.3025	40	0	0
35	5	058	035	233.70	1042.90	10037.59	6123.29	1	0.2985	40	0	0
36	5	058	036	224.01	1043.00	10037.50	6113.60	1	0.2865	40	0	0
37	5	058	037	213.91	1043.19	10037.29	6103.50	1	0.2665	40	0	0
38	5	058	038	203.80	1043.40	10037.20	6093.39	1	0.2385	40	0	0
39	5	058	039	193.91	1043.69	10037.09	6083.50	1	0.2185	40	0	0
40	5	058	040	183.80	1043.90	10037.00	6073.39	1	0.2155	40	0	0
41	5	058	041	173.80	1044.30	10036.90	6063.39	1	0.2095	40	0	0
42	5	058	042	163.80	1044.59	10036.79	6053.39	1	0.2035	40	0	0
43	5	058	043	153.80	1044.90	10036.29	6043.39	1	0.0000	40	0	0
44	5	058	044	143.81	1045.30	10035.90	6033.39	1	0.1815	40	0	0
45	5	058	045	133.81	1045.59	10035.29	6023.39	1	0.1715	40	0	0
46	5	058	046	123.82	1046.00	10035.29	6013.39	1	0.1635	40	0	0
47	5	058	047	113.94	1046.30	10035.50	6003.50	1	0.1515	40	0	0
48	5	058	048	103.85	1046.59	10035.29	5993.39	1	0.1395	40	0	0

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hg93.txt

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PARTIAL SEG Y HEADER DUMP

hg93.seg

Length = 2000 samples
 Sample Interval = 0.00050 sec.
 Delay Time = 0 msec.
 Low Cut Filter = 32 Hz.
 High Cut Filter = 1000 Hz.
 Line ID: HGM9
 Shot Orientation:
 Azimuth= 0 Deg. Vertical= 0 Deg.

Shot Elevation = 1023.7
 Shot Depth = 3.7
 Up Hole Time = 0 msec
 Shot X-COORD = 9910.12
 Shot Y-COORD = 9441.50
 Shot Date (year.moday) = 1994.0609
 Shot Time (hr:min) = 15:48
 Charge Size (grams)= 0

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	1	001	001	3.73	1023.70	9909.70	9442.03	2	0.0000	40	0	0
2	1	001	002	11.11	1023.94	9899.74	9442.13	2	0.0000	40	0	0
3	1	001	003	20.93	1024.20	9889.62	9442.12	2	0.0000	40	0	0
4	1	001	004	30.91	1024.50	9879.55	9442.32	2	0.0000	40	0	0
5	1	001	005	40.82	1024.77	9869.58	9442.34	2	0.0000	40	0	0
6	1	001	006	51.08	1025.04	9859.30	9442.55	2	0.0000	40	0	0
7	1	001	007	61.06	1025.28	9849.30	9442.76	2	0.0000	40	0	0
8	1	001	008	71.10	1025.52	9839.25	9442.87	2	0.0000	40	0	0
9	1	001	009	81.05	1025.75	9829.29	9442.94	2	0.0000	40	0	0
10	1	001	010	91.18	1026.01	9819.15	9443.13	2	0.0000	40	0	0
11	1	001	011	101.21	1026.27	9809.12	9443.12	2	0.0000	40	0	0
12	1	001	012	111.12	1026.51	9799.20	9443.33	2	0.0000	40	0	0
13	1	001	013	121.24	1026.77	9789.08	9443.37	2	0.0000	40	0	0
14	1	001	014	131.20	1027.03	9779.12	9443.48	2	0.0000	40	0	0
15	1	001	015	141.31	1027.27	9769.01	9443.74	2	0.0000	40	0	0
16	1	001	016	151.37	1027.45	9758.95	9444.01	2	0.0000	40	0	0
17	1	001	017	161.24	1027.75	9749.08	9443.95	2	0.0000	40	0	0
18	1	001	018	171.19	1027.98	9739.13	9444.04	2	0.0000	40	0	0
19	1	001	019	181.24	1028.22	9729.08	9444.01	2	0.0000	40	0	0
20	1	001	020	191.42	1028.43	9718.90	9444.08	2	0.0000	40	0	0
21	1	001	021	201.04	1028.64	9709.28	9444.16	2	0.0000	40	0	0
22	1	001	022	211.24	1028.83	9699.08	9444.29	2	0.0000	40	0	0
23	1	001	023	221.17	1029.08	9689.15	9444.16	2	0.0000	40	0	0
24	1	001	024	231.21	1029.28	9679.11	9444.16	2	0.0000	40	0	0
25	1	001	025	241.41	1029.41	9668.91	9444.19	2	0.0000	40	0	0
26	1	001	026	251.41	1029.63	9658.91	9444.25	2	0.0000	40	0	0
27	1	001	027	261.50	1029.81	9648.82	9444.42	2	0.0000	40	0	0
28	1	001	028	271.47	1029.85	9638.84	9444.40	2	0.0000	40	0	0
29	1	001	029	281.44	1030.05	9628.87	9444.54	2	0.0000	40	0	0
30	1	001	030	291.44	1030.13	9618.87	9444.90	2	0.0000	40	0	0
31	1	001	031	301.50	1030.26	9608.82	9445.15	2	0.0000	40	0	0
32	1	001	032	311.32	1030.41	9599.00	9445.36	2	0.0000	40	0	0
33	1	001	033	321.41	1030.63	9588.91	9445.48	2	0.0000	40	0	0
34	1	001	034	331.32	1030.84	9579.00	9445.08	2	0.0000	40	0	0
35	1	001	035	341.28	1031.07	9569.04	9444.96	2	0.0000	40	0	0
36	1	001	036	351.33	1031.26	9558.99	9444.95	2	0.0000	40	0	0
37	1	001	037	361.46	1031.47	9548.86	9444.87	2	0.0000	40	0	0
38	1	001	038	371.37	1031.61	9538.95	9444.84	2	0.0000	40	0	0
39	1	001	039	381.41	1031.80	9528.91	9444.83	2	0.0000	40	0	0
40	1	001	040	391.32	1031.96	9519.00	9444.94	2	0.0000	40	0	0
41	1	001	041	401.41	1032.18	9508.91	9444.94	2	0.0000	40	0	0
42	1	001	042	411.33	1032.30	9498.99	9444.84	2	0.0000	40	0	0
43	1	001	043	421.31	1032.39	9489.00	9444.87	2	0.0000	40	0	0
44	1	001	044	431.42	1032.56	9478.90	9445.23	2	0.0000	40	0	0
45	1	001	045	440.99	1032.66	9469.32	9445.00	2	0.0000	40	0	0
46	1	001	046	451.15	1032.77	9459.16	9445.01	2	0.0000	40	0	0
47	1	001	047	461.15	1032.86	9449.16	9445.24	2	0.0000	40	0	0
48	1	001	048	471.12	1033.45	9439.21	9445.20	2	0.0000	40	0	0

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hg94.txt

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PARTIAL SEG Y HEADER DUMP

hg94.seg

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Length = 2000 samples      Shot Elevation = 1022.1
Sample Interval = 0.00050 sec. Shot Depth = 3.8
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 10009.83
High Cut Filter = 1000 Hz. Shot Y-COORD = 9441.34
Line ID: HGM9             Shot Date (year.moday) = 1994.0609
Shot Orientation:         Shot Time (hr:min) = 15:57
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	2	-009	001	100.28	1023.70	9909.70	9442.03	1	0.0000	40	0	0
2	2	-009	002	110.24	1023.94	9899.74	9442.13	1	0.0000	40	0	0
3	2	-009	003	120.36	1024.20	9889.62	9442.12	1	0.0000	40	0	0
4	2	-009	004	130.43	1024.50	9879.55	9442.32	1	0.0000	40	0	0
5	2	-009	005	140.40	1024.77	9869.58	9442.34	1	0.0000	40	0	0
6	2	-009	006	150.69	1025.04	9859.30	9442.55	1	0.0000	40	0	0
7	2	-009	007	160.69	1025.28	9849.30	9442.76	1	0.0000	40	0	0
8	2	-009	008	170.74	1025.52	9839.25	9442.87	1	0.0000	40	0	0
9	2	-009	009	180.70	1025.75	9829.29	9442.94	1	0.0000	40	0	0
10	2	-009	010	190.84	1026.01	9819.15	9443.13	1	0.0000	40	0	0
11	2	-009	011	200.88	1026.27	9809.12	9443.12	1	0.0000	40	0	0
12	2	-009	012	210.80	1026.51	9799.20	9443.33	1	0.0000	40	0	0
13	2	-009	013	220.92	1026.77	9789.08	9443.37	1	0.0000	40	0	0
14	2	-009	014	230.89	1027.03	9779.12	9443.48	1	0.0000	40	0	0
15	2	-009	015	241.00	1027.27	9769.01	9443.74	1	0.0000	40	0	0
16	2	-009	016	251.06	1027.45	9758.95	9444.01	1	0.0000	40	0	0
17	2	-009	017	260.93	1027.75	9749.08	9443.95	1	0.0000	40	0	0
18	2	-009	018	270.89	1027.98	9739.13	9444.04	1	0.0000	40	0	0
19	2	-009	019	280.94	1028.22	9729.08	9444.01	1	0.0000	40	0	0
20	2	-009	020	291.12	1028.43	9718.90	9444.08	1	0.0000	40	0	0
21	2	-009	021	300.74	1028.64	9709.28	9444.16	1	0.0000	40	0	0
22	2	-009	022	310.94	1028.83	9699.08	9444.29	1	0.0000	40	0	0
23	2	-009	023	320.87	1029.08	9689.15	9444.16	1	0.0000	40	0	0
24	2	-009	024	330.91	1029.28	9679.11	9444.16	1	0.0000	40	0	0
25	2	-009	025	341.11	1029.41	9668.91	9444.19	1	0.0000	40	0	0
26	2	-009	026	351.12	1029.63	9658.91	9444.25	1	0.0000	40	0	0
27	2	-009	027	361.21	1029.81	9648.82	9444.42	1	0.0000	40	0	0
28	2	-009	028	371.18	1029.85	9638.84	9444.40	1	0.0000	40	0	0
29	2	-009	029	381.15	1030.05	9628.87	9444.54	1	0.0000	40	0	0
30	2	-009	030	391.16	1030.13	9618.87	9444.90	1	0.0000	40	0	0
31	2	-009	031	401.21	1030.26	9608.82	9445.15	1	0.0000	40	0	0
32	2	-009	032	411.03	1030.41	9599.00	9445.36	1	0.0000	40	0	0
33	2	-009	033	421.12	1030.63	9588.91	9445.48	1	0.0000	40	0	0
34	2	-009	034	431.03	1030.84	9579.00	9445.08	1	0.0000	40	0	0
35	2	-009	035	440.99	1031.07	9569.04	9444.96	1	0.0000	40	0	0
36	2	-009	036	451.04	1031.26	9558.99	9444.95	1	0.0000	40	0	0
37	2	-009	037	461.17	1031.47	9548.86	9444.87	1	0.0000	40	0	0
38	2	-009	038	471.08	1031.61	9538.95	9444.84	1	0.0000	40	0	0
39	2	-009	039	481.12	1031.80	9528.91	9444.83	1	0.0000	40	0	0
40	2	-009	040	491.03	1031.96	9519.00	9444.94	1	0.0000	40	0	0
41	2	-009	041	501.13	1032.18	9508.91	9444.94	1	0.0000	40	0	0
42	2	-009	042	511.04	1032.30	9498.99	9444.84	1	0.0000	40	0	0
43	2	-009	043	521.03	1032.39	9489.00	9444.87	1	0.0000	40	0	0
44	2	-009	044	531.14	1032.56	9478.90	9445.23	1	0.0000	40	0	0
45	2	-009	045	540.71	1032.66	9469.32	9445.00	1	0.0000	40	0	0
46	2	-009	046	550.87	1032.77	9459.16	9445.01	1	0.0000	40	0	0
47	2	-009	047	560.87	1032.86	9449.16	9445.24	1	0.0000	40	0	0
48	2	-009	048	570.83	1033.45	9439.21	9445.20	1	0.0000	40	0	0

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PARTIAL SEG Y HEADER DUMP

hg95.seg

Length = 2000 samples
 Sample Interval = 0.00050 sec.
 Delay Time = 0 msec.
 Low Cut Filter = 32 Hz.
 High Cut Filter = 1000 Hz.
 Line ID: HGM9
 Shot Orientation:
 Azimuth= 0 Deg. Vertical= 0 Deg.

Shot Elevation = 1029.5
 Shot Depth = 3.5
 Up Hole Time = 0 msec
 Shot X-COORD = 9669.94
 Shot Y-COORD = 9443.62
 Shot Date (year.moday) = 1994.0609
 Shot Time (hr:min) = 16:18
 Charge Size (grams)= 0

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	3	025	001	239.78	1023.70	9909.70	9442.03	1	0.0000	40	0	0
2	3	025	002	229.81	1023.94	9899.74	9442.13	1	0.0000	40	0	0
3	3	025	003	219.69	1024.20	9889.62	9442.12	1	0.0000	40	0	0
4	3	025	004	209.62	1024.50	9879.55	9442.32	1	0.0000	40	0	0
5	3	025	005	199.65	1024.77	9869.58	9442.34	1	0.0000	40	0	0
6	3	025	006	189.36	1025.04	9859.30	9442.55	1	0.0000	40	0	0
7	3	025	007	179.36	1025.28	9849.30	9442.76	1	0.0000	40	0	0
8	3	025	008	169.31	1025.52	9839.25	9442.87	1	0.0000	40	0	0
9	3	025	009	159.35	1025.75	9829.29	9442.94	1	0.0000	40	0	0
10	3	025	010	149.21	1026.01	9819.15	9443.13	1	0.0000	40	0	0
11	3	025	011	139.18	1026.27	9809.12	9443.12	1	0.0000	40	0	0
12	3	025	012	129.26	1026.51	9799.20	9443.33	1	0.0000	40	0	0
13	3	025	013	119.14	1026.77	9789.08	9443.37	1	0.0000	40	0	0
14	3	025	014	109.18	1027.03	9779.12	9443.48	1	0.0000	40	0	0
15	3	025	015	99.08	1027.27	9769.01	9443.74	1	0.0000	40	0	0
16	3	025	016	89.02	1027.45	9758.95	9444.01	1	0.0000	40	0	0
17	3	025	017	79.16	1027.75	9749.08	9443.95	1	0.0000	40	0	0
18	3	025	018	69.22	1027.98	9739.13	9444.04	1	0.0000	40	0	0
19	3	025	019	59.18	1028.22	9729.08	9444.01	1	0.0000	40	0	0
20	3	025	020	49.02	1028.43	9718.90	9444.08	1	0.0000	40	0	0
21	3	025	021	39.43	1028.64	9709.28	9444.16	1	0.0000	40	0	0
22	3	025	022	29.28	1028.83	9699.08	9444.29	1	0.0000	40	0	0
23	3	025	023	19.46	1029.08	9689.15	9444.16	1	0.0000	40	0	0
24	3	025	024	9.75	1029.28	9679.11	9444.16	1	0.0000	40	0	0
25	3	025	025	3.60	1029.41	9668.91	9444.19	1	0.0000	40	0	0
26	3	025	026	11.63	1029.63	9658.91	9444.25	1	0.0000	40	0	0
27	3	025	027	21.47	1029.81	9648.82	9444.42	1	0.0000	40	0	0
28	3	025	028	31.35	1029.85	9638.84	9444.40	1	0.0000	40	0	0
29	3	025	029	41.28	1030.05	9628.87	9444.54	1	0.0000	40	0	0
30	3	025	030	51.25	1030.13	9618.87	9444.90	1	0.0000	40	0	0
31	3	025	031	61.29	1030.26	9608.82	9445.15	1	0.0000	40	0	0
32	3	025	032	71.10	1030.41	9599.00	9445.36	1	0.0000	40	0	0
33	3	025	033	81.18	1030.63	9588.91	9445.48	1	0.0000	40	0	0
34	3	025	034	91.08	1030.84	9579.00	9445.08	1	0.0000	40	0	0
35	3	025	035	101.04	1031.07	9569.04	9444.96	1	0.0000	40	0	0
36	3	025	036	111.08	1031.26	9558.99	9444.95	1	0.0000	40	0	0
37	3	025	037	121.21	1031.47	9548.86	9444.87	1	0.0000	40	0	0
38	3	025	038	131.12	1031.61	9538.95	9444.84	1	0.0000	40	0	0
39	3	025	039	141.15	1031.80	9528.91	9444.83	1	0.0000	40	0	0
40	3	025	040	151.06	1031.96	9519.00	9444.94	1	0.0000	40	0	0
41	3	025	041	161.15	1032.18	9508.91	9444.94	1	0.0000	40	0	0
42	3	025	042	171.07	1032.30	9498.99	9444.84	1	0.0000	40	0	0
43	3	025	043	181.06	1032.39	9489.00	9444.87	1	0.0000	40	0	0
44	3	025	044	191.16	1032.56	9478.90	9445.23	1	0.0000	40	0	0
45	3	025	045	200.74	1032.66	9469.32	9445.00	1	0.0000	40	0	0
46	3	025	046	210.89	1032.77	9459.16	9445.01	1	0.0000	40	0	0
47	3	025	047	220.89	1032.86	9449.16	9445.24	1	0.0000	40	0	0
48	3	025	048	230.86	1033.45	9439.21	9445.20	1	0.0000	40	0	0

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PARTIAL SEG Y HEADER DUMP

hg96.seg

Length = 2000 samples
 Sample Interval = 0.00050 sec.
 Delay Time = 0 msec.
 Low Cut Filter = 32 Hz.
 High Cut Filter = 1000 Hz.
 Line ID: HGM9
 Shot Orientation:
 Azimuth= 0 Deg. Vertical= 0 Deg.

Shot Elevation = 1033.3
 Shot Depth = 3.0
 Up Hole Time = 0 msec
 Shot X-COORD = 9439.91
 Shot Y-COORD = 9450.88
 Shot Date (year.moday) = 1994.0609
 Shot Time (hr:min) = 16:30
 Charge Size (grams)= 0

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	4	048	001	469.92	1023.70	9909.70	9442.03	1	0.0000	40	0	0
2	4	048	002	459.96	1023.94	9899.74	9442.13	1	0.0000	40	0	0
3	4	048	003	449.84	1024.20	9889.62	9442.12	1	0.0000	40	0	0
4	4	048	004	439.76	1024.50	9879.55	9442.32	1	0.0000	40	0	0
5	4	048	005	429.79	1024.77	9869.58	9442.34	1	0.0000	40	0	0
6	4	048	006	419.51	1025.04	9859.30	9442.55	1	0.0000	40	0	0
7	4	048	007	409.50	1025.28	9849.30	9442.76	1	0.0000	40	0	0
8	4	048	008	399.45	1025.52	9839.25	9442.87	1	0.0000	40	0	0
9	4	048	009	389.49	1025.75	9829.29	9442.94	1	0.0000	40	0	0
10	4	048	010	379.34	1026.01	9819.15	9443.13	1	0.0000	40	0	0
11	4	048	011	369.31	1026.27	9809.12	9443.12	1	0.0000	40	0	0
12	4	048	012	359.39	1026.51	9799.20	9443.33	1	0.0000	40	0	0
13	4	048	013	349.27	1026.77	9789.08	9443.37	1	0.0000	40	0	0
14	4	048	014	339.31	1027.03	9779.12	9443.48	1	0.0000	40	0	0
15	4	048	015	329.19	1027.27	9769.01	9443.74	1	0.0000	40	0	0
16	4	048	016	319.13	1027.45	9758.95	9444.01	1	0.0000	40	0	0
17	4	048	017	309.26	1027.75	9749.08	9443.95	1	0.0000	40	0	0
18	4	048	018	299.31	1027.98	9739.13	9444.04	1	0.0000	40	0	0
19	4	048	019	289.26	1028.22	9729.08	9444.01	1	0.0000	40	0	0
20	4	048	020	279.08	1028.43	9718.90	9444.08	1	0.0000	40	0	0
21	4	048	021	269.46	1028.64	9709.28	9444.16	1	0.0000	40	0	0
22	4	048	022	259.26	1028.83	9699.08	9444.29	1	0.0000	40	0	0
23	4	048	023	249.33	1029.08	9689.15	9444.16	1	0.0000	40	0	0
24	4	048	024	239.30	1029.28	9679.11	9444.16	1	0.0000	40	0	0
25	4	048	025	229.10	1029.41	9668.91	9444.19	1	0.0000	40	0	0
26	4	048	026	219.10	1029.63	9658.91	9444.25	1	0.0000	40	0	0
27	4	048	027	209.01	1029.81	9648.82	9444.42	1	0.0000	40	0	0
28	4	048	028	199.04	1029.85	9638.84	9444.40	1	0.0000	40	0	0
29	4	048	029	189.07	1030.05	9628.87	9444.54	1	0.0000	40	0	0
30	4	048	030	179.06	1030.13	9618.87	9444.90	1	0.0000	40	0	0
31	4	048	031	169.01	1030.26	9608.82	9445.15	1	0.0000	40	0	0
32	4	048	032	159.19	1030.41	9599.00	9445.36	1	0.0000	40	0	0
33	4	048	033	149.10	1030.63	9588.91	9445.48	1	0.0000	40	0	0
34	4	048	034	139.21	1030.84	9579.00	9445.08	1	0.0000	40	0	0
35	4	048	035	129.27	1031.07	9569.04	9444.96	1	0.0000	40	0	0
36	4	048	036	119.23	1031.26	9558.99	9444.95	1	0.0000	40	0	0
37	4	048	037	109.12	1031.47	9548.86	9444.87	1	0.0000	40	0	0
38	4	048	038	99.23	1031.61	9538.95	9444.84	1	0.0000	40	0	0
39	4	048	039	89.22	1031.80	9528.91	9444.83	1	0.0000	40	0	0
40	4	048	040	79.33	1031.96	9519.00	9444.94	1	0.0000	40	0	0
41	4	048	041	69.28	1032.18	9508.91	9444.94	1	0.0000	40	0	0
42	4	048	042	59.42	1032.30	9498.99	9444.84	1	0.0000	40	0	0
43	4	048	043	49.50	1032.39	9489.00	9444.87	1	0.0000	40	0	0
44	4	048	044	39.46	1032.56	9478.90	9445.23	1	0.0000	40	0	0
45	4	048	045	30.08	1032.66	9469.32	9445.00	1	0.0000	40	0	0
46	4	048	046	20.27	1032.77	9459.16	9445.01	1	0.0000	40	0	0
47	4	048	047	11.13	1032.86	9449.16	9445.24	1	0.0000	40	0	0
48	4	048	048	6.53	1033.45	9439.21	9445.20	1	0.0000	40	0	0

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PARTIAL SEG Y HEADER DUMP

hg97.seg

Length = 2000 samples Shot Elevation = 1034.6
 Sample Interval = 0.00050 sec. Shot Depth = 3.2
 Delay Time = 0 msec. Up Hole Time = 0 msec
 Low Cut Filter = 32 Hz. Shot X-COORD = 9338.86
 High Cut Filter = 1000 Hz. Shot Y-COORD = 9451.62
 Line ID: HGM9 Shot Date (year.moday) = 1994.0609
 Shot Orientation: Shot Time (hr:min) = 16:39
 Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	5	058	001	570.97	1023.70	9909.70	9442.03	1	0.0000	40	0	0
2	5	058	002	561.01	1023.94	9899.74	9442.13	1	0.0000	40	0	0
3	5	058	003	550.89	1024.20	9889.62	9442.12	1	0.0000	40	0	0
4	5	058	004	540.81	1024.50	9879.55	9442.32	1	0.0000	40	0	0
5	5	058	005	530.84	1024.77	9869.58	9442.34	1	0.0000	40	0	0
6	5	058	006	520.56	1025.04	9859.30	9442.55	1	0.0000	40	0	0
7	5	058	007	510.55	1025.28	9849.30	9442.76	1	0.0000	40	0	0
8	5	058	008	500.50	1025.52	9839.25	9442.87	1	0.0000	40	0	0
9	5	058	009	490.54	1025.75	9829.29	9442.94	1	0.0000	40	0	0
10	5	058	010	480.40	1026.01	9819.15	9443.13	1	0.0000	40	0	0
11	5	058	011	470.36	1026.27	9809.12	9443.12	1	0.0000	40	0	0
12	5	058	012	460.44	1026.51	9799.20	9443.33	1	0.0000	40	0	0
13	5	058	013	450.32	1026.77	9789.08	9443.37	1	0.0000	40	0	0
14	5	058	014	440.36	1027.03	9779.12	9443.48	1	0.0000	40	0	0
15	5	058	015	430.24	1027.27	9769.01	9443.74	1	0.0000	40	0	0
16	5	058	016	420.18	1027.45	9758.95	9444.01	1	0.0000	40	0	0
17	5	058	017	410.31	1027.75	9749.08	9443.95	1	0.0000	40	0	0
18	5	058	018	400.36	1027.98	9739.13	9444.04	1	0.0000	40	0	0
19	5	058	019	390.31	1028.22	9729.08	9444.01	1	0.0000	40	0	0
20	5	058	020	380.13	1028.43	9718.90	9444.08	1	0.0000	40	0	0
21	5	058	021	370.51	1028.64	9709.28	9444.16	1	0.0000	40	0	0
22	5	058	022	360.30	1028.83	9699.08	9444.29	1	0.0000	40	0	0
23	5	058	023	350.38	1029.08	9689.15	9444.16	1	0.0000	40	0	0
24	5	058	024	340.34	1029.28	9679.11	9444.16	1	0.0000	40	0	0
25	5	058	025	330.14	1029.41	9668.91	9444.19	1	0.0000	40	0	0
26	5	058	026	320.14	1029.63	9658.91	9444.25	1	0.0000	40	0	0
27	5	058	027	310.05	1029.81	9648.82	9444.42	1	0.0000	40	0	0
28	5	058	028	300.07	1029.85	9638.84	9444.40	1	0.0000	40	0	0
29	5	058	029	290.10	1030.05	9628.87	9444.54	1	0.0000	40	0	0
30	5	058	030	280.09	1030.13	9618.87	9444.90	1	0.0000	40	0	0
31	5	058	031	270.04	1030.26	9608.82	9445.15	1	0.0000	40	0	0
32	5	058	032	260.22	1030.41	9599.00	9445.36	1	0.0000	40	0	0
33	5	058	033	250.13	1030.63	9588.91	9445.48	1	0.0000	40	0	0
34	5	058	034	240.23	1030.84	9579.00	9445.08	1	0.0000	40	0	0
35	5	058	035	230.28	1031.07	9569.04	9444.96	1	0.0000	40	0	0
36	5	058	036	220.23	1031.26	9558.99	9444.95	1	0.0000	40	0	0
37	5	058	037	210.11	1031.47	9548.86	9444.87	1	0.0000	40	0	0
38	5	058	038	200.20	1031.61	9538.95	9444.84	1	0.0000	40	0	0
39	5	058	039	190.17	1031.80	9528.91	9444.83	1	0.0000	40	0	0
40	5	058	040	180.26	1031.96	9519.00	9444.94	1	0.0000	40	0	0
41	5	058	041	170.18	1032.18	9508.91	9444.94	1	0.0000	40	0	0
42	5	058	042	160.28	1032.30	9498.99	9444.84	1	0.0000	40	0	0
43	5	058	043	150.29	1032.39	9489.00	9444.87	1	0.0000	40	0	0
44	5	058	044	140.19	1032.56	9478.90	9445.23	1	0.0000	40	0	0
45	5	058	045	130.63	1032.66	9469.32	9445.00	1	0.0000	40	0	0
46	5	058	046	120.49	1032.77	9459.16	9445.01	1	0.0000	40	0	0
47	5	058	047	110.49	1032.86	9449.16	9445.24	1	0.0000	40	0	0
48	5	058	048	100.58	1033.45	9439.21	9445.20	1	0.0000	40	0	0

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hg98.txt

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PARTIAL SEG Y HEADER DUMP

hg98.seg

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Length = 2000 samples      Shot Elevation = 1037.9
Sample Interval = 0.00050 sec. Shot Depth = 0.0
Delay Time = 0 msec.      Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.    Shot X-COORD = 11360.11
High Cut Filter = 1000 Hz. Shot Y-COORD = 9688.50
Line ID: HG10             Shot Date (year.moday) = 1994.0614
Shot Orientation:         Shot Time (hr:min) = 11:24
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	1	003	048	448.67	1032.85	10987.46	9938.33	2	0.0000	40	0	0
2	1	003	047	438.59	1033.11	10994.19	9930.25	2	0.0000	40	0	0
3	1	003	046	428.50	1033.36	11002.45	9924.45	2	0.0000	40	0	0
4	1	003	045	418.36	1033.66	11010.66	9918.48	2	0.0000	40	0	0
5	1	003	044	408.49	1033.86	11018.75	9912.83	2	0.0000	40	0	0
6	1	003	043	398.40	1034.06	11026.83	9906.74	2	0.0000	40	0	0
7	1	003	042	388.60	1034.17	11034.45	9900.50	2	0.0000	40	0	0
8	1	003	041	378.62	1034.39	11042.16	9894.04	2	0.0000	40	0	0
9	1	003	040	368.63	1034.52	11050.50	9888.54	2	0.0000	40	0	0
10	1	003	039	358.49	1034.70	11058.95	9882.95	2	0.0000	40	0	0
11	1	003	038	349.17	1034.79	11066.42	9877.33	2	0.0000	40	0	0
12	1	003	037	338.92	1034.84	11074.75	9871.33	2	0.0000	40	0	0
13	1	003	036	328.48	1034.94	11083.25	9865.24	2	0.0000	40	0	0
14	1	003	035	318.87	1035.04	11091.03	9859.58	2	0.0000	40	0	0
15	1	003	034	309.14	1035.20	11098.75	9853.58	2	0.0000	40	0	0
16	1	003	033	299.11	1035.31	11106.71	9847.40	2	0.0000	40	0	0
17	1	003	032	288.92	1035.44	11114.70	9840.95	2	0.0000	40	0	0
18	1	003	031	278.85	1035.54	11122.71	9834.76	2	0.0000	40	0	0
19	1	003	030	269.15	1035.61	11131.37	9830.33	2	0.0000	40	0	0
20	1	003	029	258.83	1035.75	11139.41	9823.71	2	0.0000	40	0	0
21	1	003	028	248.62	1035.81	11148.29	9818.66	2	0.0000	40	0	0
22	1	003	027	238.79	1035.93	11156.91	9813.90	2	0.0000	40	0	0
23	1	003	026	228.84	1036.01	11165.54	9808.94	2	0.0000	40	0	0
24	1	003	025	218.94	1036.08	11173.73	9803.37	2	0.0000	40	0	0
25	1	003	024	208.73	1036.22	11182.41	9797.98	2	0.0000	40	0	0
26	1	003	023	198.93	1036.27	11190.87	9793.03	2	0.0000	40	0	0
27	1	003	022	188.75	1036.40	11199.09	9786.98	2	0.0000	40	0	0
28	1	003	021	179.13	1036.40	11206.95	9781.38	2	0.0000	40	0	0
29	1	003	020	168.77	1036.55	11215.83	9776.04	2	0.0000	40	0	0
30	1	003	019	158.89	1036.66	11224.37	9771.07	2	0.0000	40	0	0
31	1	003	018	148.92	1036.79	11232.70	9765.58	2	0.0000	40	0	0
32	1	003	017	138.98	1036.96	11240.95	9760.03	2	0.0000	40	0	0
33	1	003	016	128.95	1037.15	11249.12	9754.15	2	0.0000	40	0	0
34	1	003	015	118.60	1037.18	11257.94	9748.73	2	0.0000	40	0	0
35	1	003	014	109.07	1037.30	11266.00	9743.62	2	0.0000	40	0	0
36	1	003	013	98.89	1037.53	11274.67	9738.29	2	0.0000	40	0	0
37	1	003	012	89.04	1037.63	11283.16	9733.30	2	0.0000	40	0	0
38	1	003	011	79.26	1037.73	11291.90	9728.86	2	0.0000	40	0	0
39	1	003	010	69.14	1037.78	11300.34	9723.25	2	0.0000	40	0	0
40	1	003	009	59.25	1037.85	11308.99	9718.45	2	0.0000	40	0	0
41	1	003	008	50.01	1037.94	11316.91	9713.70	2	0.0000	40	0	0
42	1	003	007	40.07	1037.93	11325.48	9708.66	2	0.0000	40	0	0
43	1	003	006	30.46	1037.84	11333.66	9703.61	2	0.0000	40	0	0
44	1	003	005	20.29	1037.93	11342.50	9698.57	2	0.0000	40	0	0
45	1	003	004	10.04	1038.07	11351.38	9693.45	2	0.0000	40	0	0
46	1	003	003	0.00	1037.91	11360.11	9688.50	2	0.0000	40	0	0
47	1	003	002	9.71	1037.86	11368.46	9683.54	2	0.0000	40	0	0
48	1	003	001	20.37	1037.61	11377.41	9677.75	2	0.0000	40	0	0

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hg99d.txt

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PARTIAL SEG Y HEADER DUMP

hg99d.seg

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Length = 2000 samples          Shot Elevation = 1037.6
Sample Interval = 0.00050 sec. Shot Depth = 63.0
Delay Time = 0 msec.           Up Hole Time = 0 msec
Low Cut Filter = 32 Hz.        Shot X-COORD = 11377.40
High Cut Filter = 1000 Hz.     Shot Y-COORD = 9677.79
Line ID: HG10                 Shot Date (year.moday) = 1994.0614
Shot Orientation:              Shot Time (hr:min) = 12:15
Azimuth= 0 Deg. Vertical= 0 Deg. Charge Size (grams)= 0

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TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	2	001	048	472.52	1032.80	10987.50	9938.29	1	0.5740	40	0	0
2	2	001	047	462.62	1033.09	10994.20	9930.29	1	0.5720	40	0	0
3	2	001	046	452.63	1033.40	11002.50	9924.50	1	0.5660	40	0	0
4	2	001	045	442.61	1033.69	11010.70	9918.50	1	0.5520	40	0	0
5	2	001	044	432.83	1033.90	11018.79	9912.79	1	0.5460	40	0	0
6	2	001	043	422.93	1034.09	11026.79	9906.70	1	0.5320	40	0	0
7	2	001	042	413.20	1034.19	11034.50	9900.50	1	0.5260	40	0	0
8	2	001	041	403.34	1034.40	11042.20	9894.00	1	0.5140	40	0	0
9	2	001	040	393.51	1034.50	11050.50	9888.50	1	0.5020	40	0	0
10	2	001	039	383.54	1034.69	11059.00	9883.00	1	0.4940	40	0	0
11	2	001	038	374.36	1034.80	11066.40	9877.29	1	0.4840	40	0	0
12	2	001	037	364.20	1034.80	11074.79	9871.29	1	0.4740	40	0	0
13	2	001	036	353.92	1034.90	11083.29	9865.20	1	0.4640	40	0	0
14	2	001	035	344.57	1035.00	11091.00	9859.59	1	0.4540	40	0	0
15	2	001	034	334.97	1035.19	11098.79	9853.59	1	0.4460	40	0	0
16	2	001	033	325.16	1035.30	11106.70	9847.40	1	0.4360	40	0	0
17	2	001	032	315.19	1035.40	11114.70	9841.00	1	0.4240	40	0	0
18	2	001	031	305.34	1035.50	11122.70	9834.79	1	0.4180	40	0	0
19	2	001	030	295.79	1035.59	11131.40	9830.29	1	0.4080	40	0	0
20	2	001	029	285.80	1035.80	11139.40	9823.70	1	0.3960	40	0	0
21	2	001	028	275.85	1035.80	11148.29	9818.70	1	0.3860	40	0	0
22	2	001	027	266.28	1035.90	11156.90	9813.90	1	0.3740	40	0	0
23	2	001	026	256.64	1036.00	11165.50	9808.90	1	0.3680	40	0	0
24	2	001	025	247.09	1036.09	11173.70	9803.40	1	0.3500	40	0	0
25	2	001	024	237.21	1036.19	11182.40	9798.00	1	0.3300	40	0	0
26	2	001	023	227.74	1036.30	11190.90	9793.00	1	0.3180	40	0	0
27	2	001	022	218.04	1036.40	11199.09	9787.00	1	0.3040	40	0	0
28	2	001	021	208.79	1036.40	11207.00	9781.40	1	0.2960	40	0	0
29	2	001	020	199.02	1036.59	11215.79	9776.00	1	0.2800	40	0	0
30	2	001	019	189.66	1036.69	11224.40	9771.09	1	0.2720	40	0	0
31	2	001	018	180.32	1036.80	11232.70	9765.59	1	0.2600	40	0	0
32	2	001	017	171.05	1037.00	11241.00	9760.00	1	0.2480	40	0	0
33	2	001	016	161.93	1037.19	11249.09	9754.20	1	0.2400	40	0	0
34	2	001	015	152.40	1037.19	11257.90	9748.70	1	0.2300	40	0	0
35	2	001	014	143.78	1037.30	11266.00	9743.59	1	0.2160	40	0	0
36	2	001	013	134.78	1037.50	11274.70	9738.29	1	0.2080	40	0	0
37	2	001	012	126.19	1037.59	11283.20	9733.29	1	0.2000	40	0	0
38	2	001	011	117.92	1037.69	11291.90	9728.90	1	0.1860	40	0	0
39	2	001	010	109.60	1037.80	11300.29	9723.29	1	0.1780	40	0	0
40	2	001	009	101.64	1037.80	11309.00	9718.50	1	0.1720	40	0	0
41	2	001	008	94.65	1037.90	11316.90	9713.70	1	0.1600	40	0	0
42	2	001	007	87.51	1037.90	11325.50	9708.70	1	0.1440	40	0	0
43	2	001	006	81.06	1037.80	11333.70	9703.59	1	0.1320	40	0	0
44	2	001	005	75.23	1037.90	11342.50	9698.59	1	0.1240	40	0	0
45	2	001	004	70.39	1038.09	11351.40	9693.50	1	0.1160	40	0	0
46	2	001	003	66.50	1037.90	11360.09	9688.50	1	0.1120	40	0	0
47	2	001	002	64.19	1037.90	11368.50	9683.50	1	0.1060	40	0	0
48	2	001	001	63.00	1037.59	11377.40	9677.79	1	0.1080	40	0	0

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hg99.txt

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PARTIAL SEG Y HEADER DUMP

hg99.seg

Length = 2000 samples
 Sample Interval = 0.00050 sec.
 Delay Time = 0 msec.
 Low Cut Filter = 32 Hz.
 High Cut Filter = 1000 Hz.
 Line ID: HG10
 Shot Orientation:
 Azimuth= 0 Deg. Vertical= 0 Deg.

Shot Elevation = 1037.6
 Shot Depth = 63.0
 Up Hole Time = 0 msec
 Shot X-COORD = 11377.40
 Shot Y-COORD = 9677.79
 Shot Date (year.moday) = 1994.0614
 Shot Time (hr:min) = 12:15
 Charge Size (grams)= 0

TRACE #	SHOT REC.	STATION		OFFSET	RECEIVER			VERT FOLD	1STBRK (SEC.)	K-GAIN (dB)	AZI	VER
		SHOT	REC		ELEV.	X-COORD	Y-COORD					
1	2	001	048	472.52	1032.80	10987.50	9938.29	1	0.5010	40	0	0
2	2	001	047	462.62	1033.09	10994.20	9930.29	1	0.5070	40	0	0
3	2	001	046	452.63	1033.40	11002.50	9924.50	1	0.5020	40	0	0
4	2	001	045	442.61	1033.69	11010.70	9918.50	1	0.5020	40	0	0
5	2	001	044	432.83	1033.90	11018.79	9912.79	1	0.4990	40	0	0
6	2	001	043	422.93	1034.09	11026.79	9906.70	1	0.4990	40	0	0
7	2	001	042	413.20	1034.19	11034.50	9900.50	1	0.4980	40	0	0
8	2	001	041	403.34	1034.40	11042.20	9894.00	1	0.4920	40	0	0
9	2	001	040	393.51	1034.50	11050.50	9888.50	1	0.4900	40	0	0
10	2	001	039	383.54	1034.69	11059.00	9883.00	1	0.4810	40	0	0
11	2	001	038	374.36	1034.80	11066.40	9877.29	1	0.4750	40	0	0
12	2	001	037	364.20	1034.80	11074.79	9871.29	1	0.4690	40	0	0
13	2	001	036	353.92	1034.90	11083.29	9865.20	1	0.4660	40	0	0
14	2	001	035	344.57	1035.00	11091.00	9859.59	1	0.4570	40	0	0
15	2	001	034	334.97	1035.19	11098.79	9853.59	1	0.4520	40	0	0
16	2	001	033	325.16	1035.30	11106.70	9847.40	1	0.4430	40	0	0
17	2	001	032	315.19	1035.40	11114.70	9841.00	1	0.4330	40	0	0
18	2	001	031	305.34	1035.50	11122.70	9834.79	1	0.4240	40	0	0
19	2	001	030	295.79	1035.59	11131.40	9830.29	1	0.4120	40	0	0
20	2	001	029	285.80	1035.80	11139.40	9823.70	1	0.4020	40	0	0
21	2	001	028	275.85	1035.80	11148.29	9818.70	1	0.3890	40	0	0
22	2	001	027	266.28	1035.90	11156.90	9813.90	1	0.3790	40	0	0
23	2	001	026	256.64	1036.00	11165.50	9808.90	1	0.3730	40	0	0
24	2	001	025	247.09	1036.09	11173.70	9803.40	1	0.1640	40	0	0
25	2	001	024	237.21	1036.19	11182.40	9798.00	1	0.1580	40	0	0
26	2	001	023	227.74	1036.30	11190.90	9793.00	1	0.1530	40	0	0
27	2	001	022	218.04	1036.40	11199.09	9787.00	1	0.1540	40	0	0
28	2	001	021	208.79	1036.40	11207.00	9781.40	1	0.1490	40	0	0
29	2	001	020	199.02	1036.59	11215.79	9776.00	1	0.1460	40	0	0
30	2	001	019	189.66	1036.69	11224.40	9771.09	1	0.1440	40	0	0
31	2	001	018	180.32	1036.80	11232.70	9765.59	1	0.1410	40	0	0
32	2	001	017	171.05	1037.00	11241.00	9760.00	1	0.1390	40	0	0
33	2	001	016	161.93	1037.19	11249.09	9754.20	1	0.1350	40	0	0
34	2	001	015	152.40	1037.19	11257.90	9748.70	1	0.1310	40	0	0
35	2	001	014	143.78	1037.30	11266.00	9743.59	1	0.1280	40	0	0
36	2	001	013	134.78	1037.50	11274.70	9738.29	1	0.1250	40	0	0
37	2	001	012	126.19	1037.59	11283.20	9733.29	1	0.1220	40	0	0
38	2	001	011	117.92	1037.69	11291.90	9728.90	1	0.1220	40	0	0
39	2	001	010	109.60	1037.80	11300.29	9723.29	1	0.1170	40	0	0
40	2	001	009	101.64	1037.80	11309.00	9718.50	1	0.1110	40	0	0
41	2	001	008	94.65	1037.90	11316.90	9713.70	1	0.1080	40	0	0
42	2	001	007	87.51	1037.90	11325.50	9708.70	1	0.0740	40	0	0
43	2	001	006	81.06	1037.80	11333.70	9703.59	1	0.0000	40	0	0
44	2	001	005	75.23	1037.90	11342.50	9698.59	1	0.0470	40	0	0
45	2	001	004	70.39	1038.09	11351.40	9693.50	1	0.0290	40	0	0
46	2	001	003	66.50	1037.90	11360.09	9688.50	1	0.0273	40	0	0
47	2	001	002	64.19	1037.90	11368.50	9683.50	1	0.0175	40	0	0
48	2	001	001	63.00	1037.59	11377.40	9677.79	1	0.0047	40	0	0