

BLDR

Boulder Batholith 1992

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PASSCAL Data Report 94-008



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REFTEK and SGR data, BOULDER MONTANA 1992

During summer 1992, seismic field work was done in the area of the Boulder batholith, south-western Montana, by seismic crew of the University of Wyoming. The purpose was the investigation of the Boulder batholith and deeper crustal structure.

Twelve quarry blasts were recorded using RefTek and SGR instruments along three lines in the area. Only some of the shots were recorded with SGR's. Information on shot times, record start times, and receiver lines used for particular shots is in Tab. 1. Shot coordinates (UTM) are in Tab. 2.

REFTEK data contain 3 components (vertical and two horizontal, with N-S and E-W orientation). Record length is 40 seconds with sample interval 8 ms. The data are on exabyte tape BOUMON92, created in SEG Y format using seismic software DISCO v.7 - see Appendix 1.

SGR data are one component (vertical), record length is 40 seconds with sample interval 4 ms. The data in SEG Y format are on exabyte tape BM92S (see Appendix 2).

Receiver coordinates for particular lines are listed in Tab. 3, 4, and 5.

Table 1 Shot times, record start times, and receiver lines

SHOT	SHOT TIME	RECORD START TIME		RECEIVERS ON LINE #
		RefTeks	SGRs	
1	12:47:05.74	12:47:05.00	-----	2
2	14:41:38.61	14:41:38.00	14:42:02.00	1
3	15:11:02.58	15:11:02.00	15:11:01.00	1
4	14:22:10.64	14:42:10.00	14:42:07.00	1
5	15:16:06.62	15:16:04.00	15:16:01.00	1
6	14:44:14.25	14:44:14.00	14:44:09.00	3
7	15:11:08.34	15:11:08.00	15:11:00.00	3
8	13:10:13.34	13:10:13.00	-----	3
9	15:13:08.64	15:13:08.00	-----	2
10	17:01:48.12	17:01:47.00	-----	3
	17:01:53.69 *)			
11	15:19:46.12	15:19:50.00	-----	2
12	14:46:00.18	14:46:04.00	14:46:05.00	3

*) "SHOT 10" consists of two consecutive blasts

Table 2 Shot coordinates (UTM)

SHOT	SHT-X (m)	SHT-Y (m)	SHT-Z (m)
1	0.42154E+06	0.50833E+07	1570.00000
2	0.35566E+06	0.50912E+07	2032.00000
3	0.41496E+06	0.51338E+07	1536.00000
4	0.35566E+06	0.50912E+07	2032.00000
5	0.41496E+06	0.51338E+07	1536.00000
6	0.35566E+06	0.50912E+07	2032.00000
7	0.41496E+06	0.51338E+07	1536.00000
8	0.42154E+06	0.50833E+07	1570.00000
9	0.41496E+06	0.51338E+07	1536.00000
10	0.39737E+06	0.50093E+07	2378.00000
11	0.41496E+06	0.51338E+07	1536.00000
12	0.44227E+06	0.49911E+07	1897.00000

Table 3 Receiver coordinates (UTM) - Line 1

REC-STA	REC-X (m)	REC-Y (m)	REC-Z (m)
12	0.37693E+06	0.51034E+07	1718.90002
14	0.37702E+06	0.51034E+07	1721.59998
16	0.37711E+06	0.51034E+07	1724.40002
18	0.37721E+06	0.51034E+07	1727.09998
20	0.37730E+06	0.51035E+07	1729.90002
22	0.37740E+06	0.51035E+07	1732.59998
24	0.37749E+06	0.51035E+07	1735.40002
26	0.37759E+06	0.51035E+07	1738.09998
28	0.37768E+06	0.51035E+07	1740.90002
30	0.37778E+06	0.51036E+07	1743.59998
32	0.37787E+06	0.51036E+07	1746.40002
34	0.37797E+06	0.51036E+07	1749.09998
36	0.37807E+06	0.51036E+07	1753.80005
38	0.37818E+06	0.51036E+07	1760.50000
40	0.37827E+06	0.51036E+07	1757.80005
42	0.37835E+06	0.51037E+07	1753.80005
44	0.37844E+06	0.51037E+07	1748.30005
46	0.37853E+06	0.51037E+07	1747.69995
48	0.37864E+06	0.51037E+07	1752.09998
50	0.37874E+06	0.51037E+07	1756.50000
52	0.37880E+06	0.51038E+07	1759.09998
54	0.37887E+06	0.51038E+07	1761.59998
56	0.37893E+06	0.51039E+07	1764.19995
58	0.37901E+06	0.51040E+07	1766.50000
60	0.37910E+06	0.51041E+07	1768.50000
62	0.37918E+06	0.51041E+07	1771.50000
64	0.37925E+06	0.51041E+07	1774.50000

66	0.37931E+06	0.51042E+07	1779.00000
68	0.37937E+06	0.51043E+07	1783.50000
70	0.37943E+06	0.51044E+07	1788.00000
72	0.37948E+06	0.51045E+07	1792.50000
74	0.37949E+06	0.51046E+07	1793.40002
76	0.37950E+06	0.51047E+07	1794.19995
78	0.37951E+06	0.51048E+07	1795.09998
80	0.37953E+06	0.51049E+07	1795.90002
82	0.37954E+06	0.51050E+07	1796.80005
84	0.37955E+06	0.51051E+07	1797.59998
86	0.37956E+06	0.51052E+07	1798.50000
88	0.37962E+06	0.51053E+07	1801.69995
90	0.37969E+06	0.51054E+07	1804.80005
92	0.37975E+06	0.51055E+07	1808.00000
94	0.37981E+06	0.51056E+07	1811.19995
96	0.37988E+06	0.51057E+07	1814.30005
100	0.37998E+06	0.51058E+07	1827.90002
102	0.38001E+06	0.51059E+07	1838.30005
104	0.38005E+06	0.51060E+07	1848.59998
106	0.38009E+06	0.51061E+07	1859.00000
299	0.38626E+06	0.51113E+07	1958.09998
301	0.38631E+06	0.51113E+07	1960.50000
303	0.38626E+06	0.51114E+07	1956.90002
305	0.38620E+06	0.51115E+07	1953.19995
307	0.38615E+06	0.51116E+07	1949.59998
309	0.38610E+06	0.51116E+07	1946.00000
311	0.38605E+06	0.51117E+07	1942.30005
313	0.38606E+06	0.51118E+07	1943.80005
315	0.38614E+06	0.51117E+07	1950.40002
317	0.38622E+06	0.51117E+07	1956.90002
319	0.38630E+06	0.51117E+07	1963.50000
321	0.38639E+06	0.51118E+07	1965.30005
323	0.38648E+06	0.51118E+07	1967.00000
327	0.38666E+06	0.51119E+07	1970.50000
329	0.38671E+06	0.51120E+07	1963.19995
331	0.38675E+06	0.51121E+07	1955.80005
333	0.38680E+06	0.51122E+07	1948.50000
335	0.38687E+06	0.51122E+07	1952.50000
337	0.38693E+06	0.51122E+07	1956.50000
339	0.38700E+06	0.51122E+07	1958.30005
341	0.38707E+06	0.51123E+07	1955.69995
343	0.38714E+06	0.51123E+07	1950.90002
345	0.38720E+06	0.51123E+07	1948.50000
347	0.38727E+06	0.51123E+07	1948.50000
349	0.38734E+06	0.51124E+07	1953.50000
351	0.38741E+06	0.51124E+07	1953.30005
353	0.38748E+06	0.51125E+07	1953.09998
355	0.38755E+06	0.51126E+07	1952.90002
357	0.38762E+06	0.51126E+07	1952.69995
359	0.38769E+06	0.51127E+07	1952.50000
361	0.38776E+06	0.51128E+07	1949.09998

363	0.38782E+06	0.51128E+07	1945.69995
365	0.38788E+06	0.51129E+07	1942.30005
367	0.38794E+06	0.51130E+07	1938.90002
369	0.38800E+06	0.51130E+07	1935.50000
371	0.38807E+06	0.51131E+07	1932.09998
373	0.38813E+06	0.51132E+07	1928.69995
375	0.38819E+06	0.51132E+07	1925.30005
377	0.38825E+06	0.51133E+07	1921.90002
379	0.38831E+06	0.51134E+07	1918.50000
381	0.38837E+06	0.51134E+07	1915.09998
383	0.38844E+06	0.51135E+07	1911.69995
385	0.38850E+06	0.51136E+07	1908.30005
387	0.38856E+06	0.51136E+07	1904.90002
389	0.38862E+06	0.51137E+07	1901.50000
391	0.38868E+06	0.51138E+07	1898.09998
393	0.38875E+06	0.51138E+07	1894.69995
395	0.38881E+06	0.51139E+07	1891.30005
397	0.38887E+06	0.51140E+07	1887.90002
399	0.38893E+06	0.51140E+07	1884.50000
401	0.38889E+06	0.51141E+07	1882.40002
405	0.38880E+06	0.51144E+07	1878.30005
407	0.38876E+06	0.51145E+07	1876.19995
409	0.38872E+06	0.51146E+07	1874.09998
411	0.38867E+06	0.51147E+07	1872.00000
413	0.38863E+06	0.51149E+07	1869.90002
415	0.38859E+06	0.51150E+07	1867.80005
417	0.38854E+06	0.51151E+07	1865.80005
419	0.38850E+06	0.51152E+07	1863.69995
421	0.38846E+06	0.51153E+07	1861.59998
423	0.38841E+06	0.51155E+07	1859.50000
425	0.38841E+06	0.51156E+07	1858.80005
427	0.38840E+06	0.51157E+07	1858.19995
429	0.38839E+06	0.51158E+07	1857.50000
431	0.38839E+06	0.51159E+07	1856.80005
433	0.38838E+06	0.51160E+07	1856.19995
437	0.38837E+06	0.51161E+07	1854.80005
439	0.38836E+06	0.51162E+07	1854.19995
441	0.38836E+06	0.51163E+07	1853.50000
443	0.38837E+06	0.51164E+07	1851.59998
445	0.38838E+06	0.51165E+07	1849.69995
447	0.38838E+06	0.51166E+07	1847.80005
449	0.38839E+06	0.51167E+07	1845.90002
451	0.38840E+06	0.51168E+07	1844.00000
453	0.38841E+06	0.51169E+07	1842.09998
455	0.38842E+06	0.51170E+07	1840.19995
457	0.38843E+06	0.51171E+07	1838.30005
459	0.38844E+06	0.51172E+07	1836.40002
461	0.38844E+06	0.51173E+07	1835.19995
463	0.38843E+06	0.51174E+07	1834.50000
465	0.38842E+06	0.51175E+07	1833.80005
467	0.38841E+06	0.51176E+07	1833.19995

469	0.38840E+06	0.51177E+07	1832.50000
471	0.38839E+06	0.51178E+07	1831.80005
473	0.38838E+06	0.51179E+07	1831.19995
475	0.38837E+06	0.51180E+07	1830.50000
477	0.38836E+06	0.51182E+07	1820.50000
479	0.38839E+06	0.51182E+07	1820.50000
481	0.38842E+06	0.51183E+07	1820.50000
483	0.38845E+06	0.51184E+07	1820.50000
485	0.38849E+06	0.51185E+07	1819.59998
487	0.38852E+06	0.51186E+07	1817.69995
489	0.38855E+06	0.51187E+07	1815.80005
491	0.38858E+06	0.51187E+07	1814.00000
493	0.38861E+06	0.51188E+07	1812.09998
495	0.38865E+06	0.51189E+07	1810.19995
497	0.38868E+06	0.51190E+07	1808.40002
499	0.38871E+06	0.51191E+07	1806.50000
501	0.38874E+06	0.51191E+07	1804.59998
503	0.38877E+06	0.51192E+07	1802.80005
505	0.38881E+06	0.51193E+07	1800.90002
507	0.38884E+06	0.51194E+07	1799.00000
509	0.38887E+06	0.51195E+07	1797.19995
511	0.38890E+06	0.51195E+07	1795.30005
513	0.38893E+06	0.51196E+07	1793.40002
515	0.38894E+06	0.51197E+07	1792.00000
517	0.38893E+06	0.51198E+07	1791.00000
519	0.38892E+06	0.51199E+07	1790.00000
521	0.38896E+06	0.51200E+07	1787.30005
523	0.38906E+06	0.51201E+07	1782.80005
525	0.38915E+06	0.51201E+07	1779.90002
527	0.38922E+06	0.51202E+07	1778.80005
529	0.38929E+06	0.51202E+07	1777.69995
531	0.38936E+06	0.51203E+07	1776.59998
533	0.38943E+06	0.51203E+07	1775.50000
535	0.38948E+06	0.51204E+07	1786.80005
537	0.38950E+06	0.51205E+07	1791.50000
539	0.38949E+06	0.51206E+07	1789.50000
541	0.38948E+06	0.51207E+07	1787.50000
543	0.38947E+06	0.51208E+07	1785.50000
545	0.38946E+06	0.51209E+07	1783.50000
547	0.38945E+06	0.51210E+07	1781.50000
549	0.38945E+06	0.51210E+07	1780.80005
551	0.38947E+06	0.51212E+07	1781.30005
553	0.38948E+06	0.51213E+07	1781.80005
555	0.38950E+06	0.51214E+07	1782.30005
557	0.38953E+06	0.51215E+07	1783.30005
559	0.38958E+06	0.51215E+07	1785.00000
563	0.38968E+06	0.51217E+07	1788.30005
567	0.38978E+06	0.51218E+07	1791.69995
569	0.38985E+06	0.51219E+07	1791.69995
571	0.38994E+06	0.51219E+07	1790.19995
573	0.39003E+06	0.51220E+07	1788.59998

575	0.39012E+06	0.51220E+07	1787.09998
577	0.39021E+06	0.51220E+07	1785.50000
579	0.39030E+06	0.51220E+07	1783.90002
581	0.39039E+06	0.51221E+07	1782.40002
583	0.39048E+06	0.51221E+07	1780.80005
585	0.39057E+06	0.51221E+07	1779.30005
587	0.39066E+06	0.51221E+07	1776.50000
589	0.39075E+06	0.51221E+07	1772.50000
591	0.39085E+06	0.51221E+07	1768.50000
593	0.39094E+06	0.51221E+07	1764.50000
595	0.39104E+06	0.51221E+07	1765.59998
597	0.39113E+06	0.51221E+07	1766.80005
599	0.39123E+06	0.51222E+07	1767.90002
601	0.39130E+06	0.51222E+07	1767.80005
603	0.39136E+06	0.51223E+07	1766.50000
605	0.39141E+06	0.51224E+07	1765.19995
607	0.39147E+06	0.51224E+07	1763.80005
609	0.39153E+06	0.51225E+07	1762.50000
611	0.39158E+06	0.51226E+07	1761.19995
613	0.39164E+06	0.51227E+07	1759.80005
615	0.39170E+06	0.51227E+07	1758.50000
617	0.39179E+06	0.51228E+07	1753.50000
619	0.39187E+06	0.51229E+07	1764.50000
621	0.39195E+06	0.51229E+07	1775.50000
623	0.39202E+06	0.51230E+07	1769.30005
625	0.39209E+06	0.51231E+07	1763.00000
627	0.39216E+06	0.51231E+07	1756.80005
629	0.39223E+06	0.51232E+07	1750.50000
631	0.39233E+06	0.51233E+07	1751.80005
633	0.39242E+06	0.51233E+07	1753.19995
635	0.39251E+06	0.51233E+07	1754.50000
637	0.39261E+06	0.51234E+07	1755.80005
639	0.39273E+06	0.51234E+07	1760.80005
641	0.39289E+06	0.51234E+07	1769.50000
643	0.39298E+06	0.51234E+07	1765.59998
645	0.39308E+06	0.51234E+07	1761.69995
647	0.39317E+06	0.51235E+07	1757.90002
649	0.39326E+06	0.51235E+07	1754.00000
651	0.39335E+06	0.51235E+07	1752.00000
653	0.39344E+06	0.51235E+07	1746.19995
655	0.39353E+06	0.51235E+07	1742.30005
657	0.39362E+06	0.51235E+07	1738.40002
659	0.39371E+06	0.51235E+07	1738.50000
661	0.39380E+06	0.51236E+07	1742.50000
665	0.39398E+06	0.51236E+07	1750.50000
667	0.39407E+06	0.51236E+07	1749.80005
669	0.39417E+06	0.51236E+07	1749.19995
671	0.39426E+06	0.51237E+07	1748.50000
673	0.39436E+06	0.51237E+07	1747.80005
675	0.39446E+06	0.51237E+07	1747.19995
677	0.39455E+06	0.51237E+07	1746.50000

679	0.39465E+06	0.51237E+07	1745.80005
681	0.39475E+06	0.51237E+07	1752.50000
683	0.39486E+06	0.51237E+07	1766.50000
685	0.39497E+06	0.51238E+07	1780.50000
689	0.39518E+06	0.51238E+07	1808.80005
691	0.39528E+06	0.51238E+07	1823.50000
693	0.39537E+06	0.51238E+07	1838.19995
695	0.39546E+06	0.51238E+07	1852.80005
697	0.39555E+06	0.51238E+07	1867.50000
699	0.39565E+06	0.51237E+07	1790.50000
701	0.39576E+06	0.51237E+07	1713.50000
703	0.39586E+06	0.51236E+07	1636.50000
705	0.39595E+06	0.51237E+07	1642.50000
707	0.39604E+06	0.51237E+07	1648.50000
709	0.39613E+06	0.51237E+07	1671.09998
711	0.39622E+06	0.51237E+07	1710.19995
713	0.39632E+06	0.51237E+07	1749.30005
715	0.39642E+06	0.51236E+07	1788.40002
717	0.39651E+06	0.51236E+07	1827.50000
719	0.39656E+06	0.51236E+07	1718.50000
721	0.39663E+06	0.51235E+07	1712.50000
723	0.39669E+06	0.51234E+07	1706.50000
725	0.39675E+06	0.51233E+07	1700.50000
727	0.39683E+06	0.51234E+07	1709.30005
729	0.39691E+06	0.51235E+07	1718.00000
731	0.39699E+06	0.51235E+07	1726.80005
733	0.39708E+06	0.51236E+07	1735.50000
735	0.39717E+06	0.51236E+07	1727.50000
737	0.39726E+06	0.51236E+07	1719.50000
739	0.39735E+06	0.51236E+07	1711.50000
741	0.39744E+06	0.51236E+07	1703.50000
743	0.39753E+06	0.51236E+07	1701.40002
747	0.39771E+06	0.51237E+07	1708.90002
749	0.39781E+06	0.51237E+07	1712.69995
751	0.39790E+06	0.51238E+07	1716.40002
753	0.39800E+06	0.51238E+07	1720.19995
755	0.39809E+06	0.51239E+07	1724.00000
757	0.39818E+06	0.51239E+07	1727.69995
759	0.39828E+06	0.51240E+07	1731.50000
761	0.39836E+06	0.51240E+07	1730.09998
763	0.39845E+06	0.51241E+07	1728.69995
765	0.39853E+06	0.51241E+07	1727.30005
767	0.39862E+06	0.51242E+07	1725.90002
769	0.39870E+06	0.51242E+07	1724.40002
771	0.39879E+06	0.51243E+07	1723.00000
773	0.39887E+06	0.51243E+07	1721.59998
775	0.39896E+06	0.51243E+07	1720.19995
777	0.39906E+06	0.51243E+07	1726.00000
779	0.39924E+06	0.51243E+07	1708.50000
780	0.39933E+06	0.51243E+07	1703.40002
781	0.39943E+06	0.51243E+07	1698.30005

782	0.39952E+06	0.51242E+07	1693.30005
783	0.39962E+06	0.51242E+07	1688.19995
784	0.39971E+06	0.51242E+07	1683.09998
785	0.39981E+06	0.51242E+07	1678.00000
786	0.39990E+06	0.51241E+07	1672.90002
787	0.40000E+06	0.51241E+07	1667.80005
788	0.40010E+06	0.51241E+07	1662.80005
789	0.40019E+06	0.51240E+07	1657.69995
790	0.40029E+06	0.51240E+07	1652.59998
791	0.40038E+06	0.51240E+07	1647.50000
792	0.40046E+06	0.51239E+07	1648.30005
793	0.40054E+06	0.51239E+07	1649.00000
794	0.40062E+06	0.51238E+07	1649.80005
795	0.40070E+06	0.51238E+07	1650.50000
796	0.40080E+06	0.51238E+07	1649.19995
797	0.40090E+06	0.51238E+07	1647.80005
798	0.40099E+06	0.51238E+07	1646.50000
800	0.40066E+06	0.51247E+07	1649.19995
801	0.40050E+06	0.51251E+07	1650.50000
802	0.40075E+06	0.51247E+07	1647.50000
804	0.40109E+06	0.51243E+07	1644.50000
805	0.40117E+06	0.51244E+07	1644.50000
806	0.40126E+06	0.51244E+07	1644.50000
807	0.40134E+06	0.51245E+07	1644.50000
808	0.40142E+06	0.51245E+07	1644.50000
809	0.40151E+06	0.51245E+07	1644.50000
810	0.40159E+06	0.51246E+07	1644.50000
811	0.40169E+06	0.51246E+07	1643.50000
812	0.40180E+06	0.51246E+07	1642.50000
813	0.40189E+06	0.51246E+07	1640.90002
814	0.40199E+06	0.51246E+07	1639.30005
815	0.40209E+06	0.51246E+07	1637.69995
816	0.40218E+06	0.51246E+07	1636.09998
817	0.40228E+06	0.51246E+07	1634.50000
818	0.40237E+06	0.51246E+07	1631.80005
819	0.40247E+06	0.51246E+07	1629.19995
820	0.40256E+06	0.51246E+07	1626.50000
821	0.40265E+06	0.51245E+07	1625.80005
822	0.40274E+06	0.51245E+07	1625.19995
823	0.40284E+06	0.51244E+07	1624.50000
824	0.40293E+06	0.51245E+07	1623.00000
825	0.40303E+06	0.51245E+07	1621.50000
826	0.40313E+06	0.51245E+07	1620.00000
827	0.40323E+06	0.51245E+07	1618.50000
828	0.40333E+06	0.51245E+07	1617.00000
829	0.40343E+06	0.51246E+07	1615.50000
830	0.40353E+06	0.51246E+07	1614.00000
831	0.40363E+06	0.51246E+07	1612.50000
832	0.40372E+06	0.51246E+07	1611.50000
833	0.40382E+06	0.51246E+07	1610.50000
834	0.40392E+06	0.51247E+07	1609.50000

835	0.40401E+06	0.51247E+07	1608.50000
836	0.40411E+06	0.51247E+07	1607.50000
837	0.40421E+06	0.51247E+07	1606.50000
838	0.40431E+06	0.51247E+07	1605.19995
839	0.40441E+06	0.51247E+07	1603.90002
840	0.40452E+06	0.51247E+07	1602.59998
842	0.40472E+06	0.51247E+07	1600.09998
843	0.40483E+06	0.51247E+07	1598.80005
844	0.40493E+06	0.51247E+07	1597.50000
845	0.40502E+06	0.51247E+07	1597.19995
846	0.40511E+06	0.51247E+07	1596.80005
847	0.40521E+06	0.51247E+07	1596.50000
848	0.40530E+06	0.51246E+07	1583.50000
850	0.40539E+06	0.51246E+07	1569.30005
851	0.40539E+06	0.51246E+07	1568.00000
852	0.40539E+06	0.51246E+07	1566.80005
853	0.40539E+06	0.51246E+07	1565.50000
854	0.40557E+06	0.51246E+07	1564.30005
855	0.40576E+06	0.51245E+07	1563.00000
856	0.40594E+06	0.51245E+07	1561.80005
857	0.40612E+06	0.51245E+07	1560.50000
859	0.40631E+06	0.51245E+07	1600.50000
860	0.40640E+06	0.51244E+07	1598.50000
862	0.40639E+06	0.51242E+07	1596.50000
863	0.40638E+06	0.51242E+07	1595.50000
864	0.40629E+06	0.51241E+07	1593.19995
865	0.40620E+06	0.51240E+07	1590.80005
866	0.40611E+06	0.51240E+07	1588.50000
867	0.40609E+06	0.51239E+07	1583.50000
868	0.40608E+06	0.51238E+07	1578.50000
869	0.40614E+06	0.51237E+07	1576.50000
870	0.40621E+06	0.51237E+07	1574.50000
871	0.40628E+06	0.51236E+07	1572.50000
872	0.40635E+06	0.51235E+07	1571.19995
873	0.40642E+06	0.51234E+07	1569.80005
874	0.40649E+06	0.51233E+07	1568.50000
875	0.40676E+06	0.51230E+07	1567.50000
876	0.40681E+06	0.51231E+07	1566.50000
877	0.40686E+06	0.51232E+07	1565.50000
878	0.40691E+06	0.51233E+07	1564.50000
879	0.40696E+06	0.51234E+07	1563.50000
880	0.40701E+06	0.51235E+07	1562.50000
881	0.40705E+06	0.51236E+07	1561.50000
882	0.40710E+06	0.51237E+07	1560.50000
883	0.40718E+06	0.51237E+07	1560.50000
884	0.40727E+06	0.51238E+07	1560.50000
885	0.40735E+06	0.51239E+07	1560.50000
886	0.40736E+06	0.51238E+07	1561.00000
887	0.40737E+06	0.51237E+07	1561.50000
888	0.40746E+06	0.51237E+07	1561.59998
889	0.40755E+06	0.51237E+07	1561.80005

890	0.40765E+06	0.51236E+07	1561.90002
891	0.40774E+06	0.51236E+07	1562.09998
892	0.40783E+06	0.51236E+07	1562.19995
893	0.40792E+06	0.51236E+07	1562.40002
894	0.40801E+06	0.51236E+07	1562.50000
895	0.40810E+06	0.51235E+07	1561.19995
897	0.40829E+06	0.51235E+07	1558.59998
898	0.40838E+06	0.51234E+07	1557.40002
899	0.40847E+06	0.51234E+07	1556.09998
900	0.40856E+06	0.51234E+07	1554.80005
901	0.40865E+06	0.51233E+07	1553.50000
902	0.40869E+06	0.51232E+07	1552.00000
903	0.40873E+06	0.51231E+07	1550.50000
905	0.40882E+06	0.51230E+07	1547.50000
906	0.40889E+06	0.51229E+07	1547.00000
907	0.40897E+06	0.51228E+07	1546.50000
908	0.40905E+06	0.51228E+07	1546.00000
909	0.40913E+06	0.51227E+07	1545.50000
911	0.40928E+06	0.51226E+07	1544.50000
912	0.40936E+06	0.51225E+07	1544.00000
913	0.40943E+06	0.51224E+07	1543.50000
914	0.40947E+06	0.51223E+07	1540.50000
916	0.40954E+06	0.51221E+07	1534.50000
918	0.40951E+06	0.51220E+07	1524.50000
919	0.40955E+06	0.51219E+07	1524.50000
920	0.40959E+06	0.51218E+07	1524.50000
921	0.40968E+06	0.51218E+07	1524.50000
922	0.40971E+06	0.51217E+07	1514.50000
923	0.40978E+06	0.51216E+07	1514.00000
924	0.40984E+06	0.51215E+07	1513.50000
925	0.40990E+06	0.51215E+07	1513.50000
927	0.41003E+06	0.51213E+07	1513.50000
928	0.41008E+06	0.51213E+07	1513.30005
929	0.41013E+06	0.51212E+07	1513.00000
930	0.41018E+06	0.51211E+07	1512.80005
931	0.41023E+06	0.51210E+07	1512.50000
932	0.41031E+06	0.51210E+07	1512.50000
933	0.41039E+06	0.51209E+07	1512.50000
935	0.41063E+06	0.51209E+07	1512.50000
936	0.41074E+06	0.51209E+07	1512.50000
937	0.41086E+06	0.51209E+07	1512.50000
938	0.41094E+06	0.51208E+07	1512.19995
939	0.41103E+06	0.51208E+07	1511.90002
940	0.41111E+06	0.51207E+07	1511.59998
941	0.41120E+06	0.51207E+07	1511.30005
942	0.41129E+06	0.51206E+07	1511.00000
943	0.41137E+06	0.51206E+07	1510.69995

Table 4 Receiver coordinates (UTM) - Line 2

REC-STA	REC-X (m)	REC-Y (m)	REC-Z (m)
10	0.41426E+06	0.51178E+07	1502.50000
11	0.41432E+06	0.51177E+07	1499.00000
12	0.41437E+06	0.51176E+07	1495.50000
13	0.41441E+06	0.51175E+07	1488.00000
14	0.41445E+06	0.51174E+07	1480.50000
15	0.41447E+06	0.51173E+07	1478.00000
16	0.41449E+06	0.51172E+07	1475.50000
17	0.41450E+06	0.51171E+07	1477.90002
18	0.41451E+06	0.51170E+07	1480.30005
19	0.41452E+06	0.51169E+07	1482.69995
20	0.41452E+06	0.51168E+07	1485.09998
21	0.41453E+06	0.51167E+07	1487.50000
22	0.41453E+06	0.51166E+07	1490.50000
23	0.41447E+06	0.51165E+07	1491.80005
24	0.41441E+06	0.51165E+07	1493.19995
25	0.41435E+06	0.51164E+07	1494.50000
26	0.41433E+06	0.51163E+07	1499.80005
28	0.41430E+06	0.51161E+07	1510.50000
29	0.41429E+06	0.51160E+07	1511.50000
30	0.41428E+06	0.51160E+07	1512.50000
31	0.41427E+06	0.51159E+07	1518.50000
32	0.41425E+06	0.51158E+07	1524.50000
33	0.41428E+06	0.51157E+07	1530.50000
34	0.41431E+06	0.51156E+07	1536.50000
35	0.41434E+06	0.51155E+07	1538.50000
36	0.41437E+06	0.51153E+07	1540.50000
37	0.41437E+06	0.51153E+07	1540.50000
38	0.41437E+06	0.51152E+07	1540.50000
39	0.41437E+06	0.51151E+07	1540.50000
40	0.41440E+06	0.51150E+07	1553.50000
41	0.41442E+06	0.51149E+07	1566.50000
42	0.41445E+06	0.51148E+07	1579.50000
43	0.41450E+06	0.51147E+07	1588.50000
44	0.41454E+06	0.51146E+07	1597.50000
46	0.41447E+06	0.51144E+07	1621.50000
47	0.41453E+06	0.51143E+07	1625.50000
48	0.41459E+06	0.51142E+07	1630.00000
49	0.41465E+06	0.51142E+07	1634.50000
51	0.41463E+06	0.51140E+07	1640.50000
53	0.41448E+06	0.51138E+07	1645.50000
55	0.41443E+06	0.51137E+07	1648.80005
57	0.41436E+06	0.51135E+07	1653.50000
59	0.41422E+06	0.51133E+07	1657.50000
61	0.41422E+06	0.51133E+07	1661.50000

63	0.41415E+06	0.51129E+07	1669.50000
65	0.41420E+06	0.51127E+07	1672.50000
67	0.41423E+06	0.51125E+07	1685.50000
69	0.41409E+06	0.51124E+07	1707.50000
71	0.41407E+06	0.51122E+07	1726.00000
73	0.41404E+06	0.51120E+07	1744.50000
75	0.41398E+06	0.51118E+07	1734.50000
77	0.41391E+06	0.51116E+07	1724.50000
79	0.41389E+06	0.51114E+07	1717.19995
81	0.41392E+06	0.51112E+07	1712.50000
83	0.41398E+06	0.51111E+07	1710.80005
87	0.41411E+06	0.51107E+07	1707.50000
89	0.41401E+06	0.51105E+07	1695.00000
91	0.41392E+06	0.51103E+07	1682.50000
93	0.41388E+06	0.51102E+07	1670.50000
97	0.41396E+06	0.51097E+07	1675.80005
99	0.41400E+06	0.51095E+07	1671.50000
101	0.41405E+06	0.51094E+07	1661.50000
103	0.41411E+06	0.51092E+07	1644.50000
105	0.41413E+06	0.51090E+07	1630.19995
107	0.41411E+06	0.51088E+07	1625.50000
109	0.41403E+06	0.51087E+07	1615.50000
111	0.41400E+06	0.51084E+07	1620.50000
113	0.41397E+06	0.51082E+07	1617.19995
115	0.41395E+06	0.51080E+07	1613.80005
117	0.41393E+06	0.51078E+07	1610.50000
119	0.41391E+06	0.51077E+07	1603.80005
121	0.41391E+06	0.51075E+07	1599.40002
123	0.41392E+06	0.51073E+07	1597.19995
125	0.41394E+06	0.51071E+07	1595.00000
127	0.41396E+06	0.51069E+07	1592.80005
129	0.41398E+06	0.51067E+07	1590.59998
131	0.41401E+06	0.51065E+07	1589.50000
133	0.41405E+06	0.51063E+07	1589.50000
135	0.41410E+06	0.51061E+07	1589.80005
137	0.41415E+06	0.51059E+07	1590.19995
143	0.41423E+06	0.51053E+07	1593.50000
145	0.41418E+06	0.51051E+07	1597.30005
147	0.41422E+06	0.51049E+07	1598.80005
149	0.41425E+06	0.51047E+07	1601.00000
151	0.41433E+06	0.51045E+07	1602.50000
153	0.41442E+06	0.51044E+07	1603.00000
155	0.41451E+06	0.51042E+07	1603.50000
157	0.41466E+06	0.51041E+07	1602.80005
159	0.41474E+06	0.51039E+07	1598.30005
161	0.41475E+06	0.51037E+07	1589.80005
163	0.41473E+06	0.51035E+07	1580.90002
165	0.41468E+06	0.51033E+07	1571.69995
167	0.41463E+06	0.51032E+07	1562.50000
169	0.41458E+06	0.51030E+07	1553.30005
171	0.41453E+06	0.51028E+07	1544.09998

173	0.41452E+06	0.51026E+07	1533.80005
175	0.41453E+06	0.51024E+07	1522.40002
177	0.41455E+06	0.51022E+07	1510.90002
179	0.41456E+06	0.51019E+07	1499.50000
181	0.41457E+06	0.51017E+07	1495.50000
185	0.41458E+06	0.51013E+07	1487.50000
187	0.41458E+06	0.51011E+07	1483.50000
189	0.41459E+06	0.51009E+07	1479.50000
191	0.41459E+06	0.51007E+07	1475.50000
193	0.41457E+06	0.51005E+07	1472.80005
195	0.41452E+06	0.51003E+07	1471.50000
197	0.41447E+06	0.51001E+07	1470.19995
199	0.41439E+06	0.50999E+07	1473.19995
201	0.41429E+06	0.50997E+07	1480.50000
203	0.41426E+06	0.50995E+07	1477.19995
205	0.41425E+06	0.50993E+07	1474.90002
209	0.41426E+06	0.50990E+07	1472.69995
211	0.41426E+06	0.50988E+07	1471.59998
213	0.41427E+06	0.50986E+07	1470.50000
215	0.41426E+06	0.50984E+07	1468.90002
219	0.41425E+06	0.50979E+07	1465.59998
221	0.41425E+06	0.50977E+07	1464.00000
223	0.41424E+06	0.50975E+07	1462.30005
225	0.41424E+06	0.50973E+07	1462.09998
227	0.41424E+06	0.50972E+07	1463.19995
229	0.41424E+06	0.50970E+07	1464.30005
231	0.41424E+06	0.50968E+07	1465.40002
233	0.41424E+06	0.50966E+07	1466.50000
235	0.41423E+06	0.50965E+07	1464.80005
237	0.41422E+06	0.50963E+07	1463.09998
239	0.41420E+06	0.50962E+07	1461.40002
241	0.41419E+06	0.50960E+07	1459.50000
243	0.41418E+06	0.50958E+07	1457.50000
245	0.41418E+06	0.50955E+07	1454.50000
247	0.41419E+06	0.50952E+07	1451.50000
253	0.41420E+06	0.50946E+07	1453.19995
255	0.41417E+06	0.50944E+07	1454.50000

Table 5 Receiver coordinates (UTM) - Line 3

REC-STA	REC-X (m)	REC-Y (m)	REC-Z (m)
1	0.41408E+06	0.51218E+07	1527.50000
2	0.41414E+06	0.51219E+07	1529.00000
3	0.41420E+06	0.51220E+07	1530.50000
4	0.41423E+06	0.51221E+07	1531.30005
5	0.41425E+06	0.51222E+07	1532.09998
6	0.41428E+06	0.51223E+07	1532.90002
7	0.41430E+06	0.51224E+07	1533.69995
8	0.41433E+06	0.51225E+07	1534.50000
9	0.41436E+06	0.51226E+07	1531.59998
10	0.41439E+06	0.51227E+07	1528.80005
11	0.41442E+06	0.51228E+07	1525.90002
12	0.41446E+06	0.51229E+07	1523.09998
13	0.41449E+06	0.51230E+07	1520.19995
14	0.41452E+06	0.51231E+07	1517.40002
15	0.41455E+06	0.51232E+07	1514.50000
16	0.41458E+06	0.51233E+07	1511.59998
17	0.41462E+06	0.51233E+07	1508.80005
18	0.41465E+06	0.51234E+07	1505.90002
19	0.41468E+06	0.51235E+07	1503.09998
20	0.41471E+06	0.51236E+07	1500.19995
21	0.41474E+06	0.51237E+07	1497.40002
22	0.41478E+06	0.51238E+07	1494.50000
23	0.41481E+06	0.51239E+07	1493.00000
24	0.41484E+06	0.51240E+07	1491.50000
25	0.41487E+06	0.51241E+07	1490.00000
26	0.41490E+06	0.51242E+07	1488.50000
27	0.41493E+06	0.51243E+07	1487.00000
28	0.41496E+06	0.51244E+07	1485.50000
29	0.41499E+06	0.51245E+07	1484.00000
30	0.41503E+06	0.51246E+07	1482.50000
31	0.41506E+06	0.51247E+07	1481.00000
32	0.41509E+06	0.51248E+07	1479.50000
36	0.41522E+06	0.51252E+07	1492.09998
37	0.41525E+06	0.51253E+07	1495.19995
38	0.41528E+06	0.51254E+07	1498.40002
40	0.41534E+06	0.51256E+07	1508.90002
41	0.41537E+06	0.51256E+07	1516.40002
42	0.41539E+06	0.51257E+07	1523.80005
43	0.41542E+06	0.51258E+07	1531.19995
44	0.41545E+06	0.51259E+07	1538.59998
45	0.41547E+06	0.51260E+07	1546.09998
46	0.41550E+06	0.51261E+07	1553.50000
48	0.41569E+06	0.51263E+07	1492.50000
49	0.41576E+06	0.51263E+07	1492.30005
50	0.41583E+06	0.51264E+07	1492.09998

51	0.41590E+06	0.51265E+07	1491.80005
52	0.41598E+06	0.51265E+07	1491.59998
53	0.41605E+06	0.51266E+07	1491.40002
54	0.41612E+06	0.51267E+07	1491.19995
55	0.41619E+06	0.51267E+07	1490.90002
56	0.41626E+06	0.51268E+07	1490.69995
57	0.41634E+06	0.51269E+07	1490.50000
58	0.41641E+06	0.51269E+07	1499.90002
59	0.41648E+06	0.51270E+07	1509.40002
60	0.41656E+06	0.51271E+07	1518.80005
61	0.41663E+06	0.51271E+07	1528.30005
62	0.41670E+06	0.51272E+07	1537.69995
63	0.41678E+06	0.51273E+07	1547.19995
64	0.41685E+06	0.51274E+07	1556.59998
66	0.41700E+06	0.51275E+07	1575.50000
67	0.41704E+06	0.51276E+07	1571.50000
68	0.41707E+06	0.51277E+07	1567.50000
69	0.41711E+06	0.51278E+07	1563.50000
70	0.41715E+06	0.51279E+07	1559.50000
71	0.41718E+06	0.51279E+07	1555.50000
72	0.41722E+06	0.51280E+07	1551.50000
74	0.41731E+06	0.51282E+07	1553.00000
75	0.41736E+06	0.51283E+07	1553.80005
76	0.41740E+06	0.51284E+07	1554.50000
77	0.41740E+06	0.51285E+07	1572.19995
78	0.41740E+06	0.51286E+07	1589.80005
80	0.41746E+06	0.51287E+07	1624.00000
81	0.41752E+06	0.51288E+07	1640.50000
82	0.41746E+06	0.51289E+07	1650.50000
83	0.41740E+06	0.51289E+07	1660.50000
84	0.41734E+06	0.51290E+07	1670.50000
85	0.41728E+06	0.51291E+07	1680.50000
86	0.41722E+06	0.51291E+07	1690.50000
87	0.41721E+06	0.51292E+07	1697.19995
88	0.41720E+06	0.51293E+07	1703.80005
89	0.41720E+06	0.51294E+07	1710.50000
90	0.41726E+06	0.51295E+07	1730.50000
91	0.41733E+06	0.51296E+07	1750.50000
92	0.41740E+06	0.51296E+07	1770.50000
93	0.41743E+06	0.51297E+07	1748.50000
95	0.41735E+06	0.51300E+07	1731.50000
97	0.41749E+06	0.51302E+07	1727.50000
98	0.41756E+06	0.51302E+07	1725.50000
99	0.41763E+06	0.51303E+07	1723.50000
101	0.41777E+06	0.51304E+07	1719.50000
102	0.41778E+06	0.51305E+07	1713.50000
103	0.41779E+06	0.51306E+07	1707.50000
104	0.41781E+06	0.51307E+07	1701.50000
106	0.41790E+06	0.51309E+07	1690.50000
107	0.41797E+06	0.51309E+07	1685.50000
108	0.41807E+06	0.51309E+07	1680.50000

109	0.41816E+06	0.51310E+07	1675.50000
110	0.41825E+06	0.51310E+07	1670.50000
111	0.41834E+06	0.51310E+07	1665.50000
112	0.41843E+06	0.51311E+07	1660.80005
113	0.41852E+06	0.51311E+07	1656.00000
114	0.41860E+06	0.51311E+07	1651.30005
115	0.41869E+06	0.51312E+07	1646.50000
117	0.41876E+06	0.51313E+07	1630.30005
118	0.41880E+06	0.51314E+07	1622.19995
119	0.41884E+06	0.51314E+07	1614.09998
120	0.41887E+06	0.51315E+07	1606.00000
121	0.41891E+06	0.51316E+07	1598.00000
122	0.41895E+06	0.51316E+07	1589.90002
123	0.41898E+06	0.51317E+07	1581.80005
124	0.41902E+06	0.51318E+07	1573.69995
125	0.41906E+06	0.51318E+07	1565.59998
126	0.41910E+06	0.51319E+07	1557.50000
127	0.41912E+06	0.51321E+07	1547.00000
128	0.41915E+06	0.51322E+07	1536.50000
129	0.41917E+06	0.51324E+07	1526.00000
131	0.41926E+06	0.51327E+07	1511.80005
132	0.41932E+06	0.51328E+07	1508.00000
133	0.41939E+06	0.51329E+07	1504.30005
134	0.41945E+06	0.51330E+07	1500.50000
135	0.41947E+06	0.51331E+07	1499.09998
136	0.41948E+06	0.51332E+07	1497.69995
137	0.41950E+06	0.51333E+07	1496.30005
138	0.41951E+06	0.51334E+07	1494.90002
139	0.41953E+06	0.51335E+07	1493.50000
140	0.41951E+06	0.51336E+07	1489.80005
141	0.41950E+06	0.51337E+07	1486.00000
142	0.41948E+06	0.51338E+07	1482.30005
143	0.41947E+06	0.51339E+07	1478.50000
144	0.41952E+06	0.51340E+07	1475.80005
145	0.41957E+06	0.51340E+07	1473.00000
146	0.41963E+06	0.51341E+07	1470.30005
147	0.41968E+06	0.51342E+07	1467.59998
148	0.41973E+06	0.51343E+07	1464.80005
149	0.41978E+06	0.51344E+07	1462.09998
150	0.41984E+06	0.51344E+07	1459.30005
151	0.41989E+06	0.51345E+07	1456.59998
152	0.41994E+06	0.51346E+07	1453.90002
153	0.41999E+06	0.51347E+07	1451.09998
154	0.42005E+06	0.51348E+07	1448.40002
155	0.42010E+06	0.51349E+07	1445.69995
156	0.42015E+06	0.51349E+07	1442.90002
157	0.42020E+06	0.51350E+07	1440.19995
158	0.42026E+06	0.51351E+07	1437.40002
159	0.42031E+06	0.51352E+07	1434.69995
160	0.42036E+06	0.51353E+07	1432.00000
161	0.42042E+06	0.51353E+07	1429.19995

162	0.42047E+06	0.51354E+07	1426.50000
163	0.42050E+06	0.51355E+07	1425.00000
164	0.42054E+06	0.51356E+07	1423.50000
165	0.42057E+06	0.51357E+07	1422.00000
166	0.42061E+06	0.51358E+07	1420.50000
167	0.42064E+06	0.51359E+07	1419.00000
168	0.42067E+06	0.51360E+07	1417.50000
169	0.42071E+06	0.51361E+07	1416.00000
170	0.42074E+06	0.51362E+07	1414.50000
172	0.42074E+06	0.51364E+07	1410.50000
173	0.42074E+06	0.51365E+07	1408.50000
174	0.42074E+06	0.51366E+07	1406.50000
175	0.42074E+06	0.51367E+07	1404.50000
176	0.42074E+06	0.51368E+07	1402.50000
177	0.42077E+06	0.51369E+07	1404.50000
178	0.42080E+06	0.51370E+07	1406.50000
179	0.42084E+06	0.51371E+07	1408.50000
180	0.42087E+06	0.51372E+07	1410.50000
181	0.42131E+06	0.51379E+07	1387.50000
182	0.42135E+06	0.51380E+07	1391.80005
183	0.42140E+06	0.51381E+07	1396.19995
184	0.42144E+06	0.51382E+07	1400.50000
185	0.42146E+06	0.51383E+07	1399.80005
186	0.42149E+06	0.51384E+07	1399.19995
187	0.42151E+06	0.51385E+07	1398.50000
188	0.42153E+06	0.51386E+07	1396.50000
189	0.42154E+06	0.51387E+07	1394.50000
190	0.42155E+06	0.51388E+07	1392.50000
192	0.42158E+06	0.51390E+07	1388.50000
193	0.42165E+06	0.51391E+07	1381.19995
194	0.42173E+06	0.51392E+07	1373.80005
197	0.42191E+06	0.51394E+07	1377.50000
198	0.42196E+06	0.51394E+07	1383.00000
199	0.42202E+06	0.51395E+07	1388.50000
200	0.42207E+06	0.51396E+07	1388.30005
201	0.42212E+06	0.51397E+07	1388.00000
202	0.42217E+06	0.51398E+07	1387.80005
205	0.42233E+06	0.51400E+07	1387.09998
206	0.42238E+06	0.51401E+07	1386.90002
207	0.42244E+06	0.51402E+07	1386.69995
209	0.42254E+06	0.51404E+07	1386.19995
210	0.42259E+06	0.51405E+07	1386.00000
211	0.42265E+06	0.51406E+07	1385.69995
212	0.42270E+06	0.51406E+07	1385.50000
213	0.42278E+06	0.51407E+07	1384.50000
214	0.42287E+06	0.51408E+07	1383.50000
215	0.42295E+06	0.51408E+07	1382.50000
217	0.42312E+06	0.51409E+07	1380.50000
218	0.42317E+06	0.51410E+07	1370.50000
220	0.42326E+06	0.51412E+07	1350.50000
221	0.42331E+06	0.51413E+07	1340.50000

222	0.42336E+06	0.51414E+07	1330.50000
223	0.42336E+06	0.51415E+07	1328.69995
224	0.42335E+06	0.51416E+07	1326.90002
225	0.42335E+06	0.51417E+07	1325.09998
226	0.42335E+06	0.51418E+07	1323.30005
227	0.42335E+06	0.51419E+07	1321.50000
228	0.42339E+06	0.51420E+07	1320.69995
229	0.42342E+06	0.51421E+07	1319.80005
230	0.42346E+06	0.51422E+07	1319.00000
231	0.42350E+06	0.51423E+07	1318.19995
232	0.42353E+06	0.51424E+07	1317.30005
233	0.42357E+06	0.51425E+07	1316.50000
234	0.42360E+06	0.51426E+07	1316.90002
235	0.42364E+06	0.51426E+07	1317.30005
236	0.42367E+06	0.51427E+07	1317.80005
237	0.42371E+06	0.51428E+07	1318.19995
238	0.42374E+06	0.51429E+07	1318.59998
239	0.42378E+06	0.51430E+07	1319.00000
240	0.42381E+06	0.51430E+07	1319.40002
241	0.42385E+06	0.51431E+07	1319.80005
242	0.42388E+06	0.51432E+07	1320.30005
243	0.42392E+06	0.51433E+07	1320.69995
244	0.42395E+06	0.51434E+07	1321.09998
245	0.42399E+06	0.51435E+07	1321.50000
246	0.42403E+06	0.51436E+07	1321.30005
247	0.42406E+06	0.51437E+07	1321.09998
248	0.42410E+06	0.51438E+07	1320.90002
249	0.42414E+06	0.51439E+07	1320.69995
250	0.42418E+06	0.51441E+07	1320.50000

Appendix 1

Creating SEG Y tape BOUMON92 (REFTEK data) (DISCO v.7)

WYOMING (FPS) JOB 17126 BOUMON WA LIBOR RFTSEGY
13-MAY-1994 10:03:17.60

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*JOB BOUMON WA LIBOR RFTSEGY
*CALL DSKRD
NAMOFIL DRB4:[TEMPORARY]S1_6RFT
NAMOFIL DRB3:[TEMPORARY]S7_12RFT
*CALL GOUT SEG Y
DENSITY 1600
REEL BOUMON92
DEFINE SHOT 17 4 INT
DEFINE REC-Z 41 4 IBMFL
DEFINE SHT-Z 45 4 IBMFL
DEFINE SHT-X 73 4 IBMFL
DEFINE SHT-Y 77 4 IBMFL
DEFINE REC-X 81 4 IBMFL
DEFINE REC-Y 85 4 IBMFL
DEFINE COMP 191 INT
DEFINE REC-STAT193 INT
LIST
SEG YCRD ENTRY: SHOT# AT 17
ELEVATION OF RECEIVER AT 41 (METERS)
ELEVATION OF SOURCE AT 45 (METERS)
SOURCE X-COORD. AT 73 (UTM)
SOURCE Y-COORD. AT 77 (UTM)
RECEIVER X-COORD. AT 81 (UTM)
RECEIVER Y-COORD. AT 85 (UTM)
COMPONENT# AT 191, 1=VERTICAL, 2=NS, 3=EW
RECEIVER STATION NUMBER AT 193
*CALL TABLE SEQNO REC-X REC-Y REC-Z COMP
*END

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Appendix 2

Creating SEG Y tape BM92S (SGR data) (DISCO v.7)

WYOMING (FPS) JOB 18478 BOUMON WA LIBOR SGRSEG Y
3-JUN-1994 09:45:41.27

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*JOB BOUMON WA LIBOR SGRSEG Y
*CALL DSKRD
NAMOFIL DRB6:[TEMPORARY]SGR2
NAMOFIL DRB6:[TEMPORARY]SGR3
NAMOFIL DRB6:[TEMPORARY]SGR5
NAMOFIL DRB6:[TEMPORARY]SGR6
NAMOFIL DRB6:[TEMPORARY]SGR7
NAMOFIL DRB6:[TEMPORARY]SGR12
*CALL GOUT SEG Y
DENSITY 1600
REEL BM92S
DEFINE SHOT 17 4 INT
DEFINE REC-Z 41 4 IBMFL
DEFINE SHT-Z 45 4 IBMFL
DEFINE SHT-X 73 4 IBMFL
DEFINE SHT-Y 77 4 IBMFL
DEFINE REC-X 81 4 IBMFL
DEFINE REC-Y 85 4 IBMFL
DEFINE COMP 191 INT
DEFINE REC-STAT193 INT
LIST
SEG YCRD ENTRY: SHOT# AT 17
ELEVATION OF RECEIVER AT 41 (METERS)
ELEVATION OF SOURCE AT 45 (METERS)
SOURCE X-COORD. AT 73 (UTM)
SOURCE Y-COORD. AT 77 (UTM)
RECEIVER X-COORD. AT 81 (UTM)
RECEIVER Y-COORD. AT 85 (UTM)
COMPONENT# AT 191, 1=VERTICAL, 2=NS, 3=EW
RECEIVER STATION NUMBER AT 193
*CALL TABLE SEQNO REC-X REC-Y REC-Z COMP
*END

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