U.S. Geological Survey
Open-File Report 75-265

1975

ACOUSTIC REFLECTION PROFILES, R/V KELEZ
MAY-JUNE 1973, LEG 3
OFFSHORE SOUTHERN CALIFORNIA

Chief Scientist: J.G. Vedder

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U. S. Geological Survey
OPEN FILE REPORT
This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards.

SEISMIC LOG

Location: Southern California-Leg 3 Date: May-June 1973
Vessel: R/V George B Kelez Chief Sci.: J G. Vedder

Deep-penetration seismic records were run at 3 sec sweep and 3 sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
601	14/1230	2	2325	270°	120	98/40	600		SP2 = 1220
	1244	10							
	1300		56.6						
	1313	20							
	1330		176.3						
	1340	30							
	1353	35		C/C					
602	1355			000°					
	1400		213.0				600		
	1401	2							
	1430		50.6						
	1437	20				125/50			FILTER CHANGE 1446
	1500		38.12						
	1502	30							
	1524	40							
	1530		22.50	000°/4.4					
	1547	50							
	1600		24.37		60				60KJ = 1617
	1622	67		C/C					
603	1624	1		307°/6.0					
	1630								
	1631	4							
	1633		C	C/C					
604	1636	3		180°/4.5	90				90KJ = 1649
	1649	10							
	1700		28.12						
	1708	20							

SEISMIC LOG

Location: Date:
Vessel: Chief Sci.:

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
604	14/1729	30		180°	90	125/50			
	1730		25.36						
	1750	40							
	1800		33.75						
	1811	50							
	1830		84.37						
	1832	60							
	1853	70							
	1900		232.5		120	98/40			FILTER/POWER CHANGE = 1910
	1913	80							
	1930		232.5		90				
	1934	90							
	2000		93.7						
	2013				60				
	2015			C/C					
605	~~60~~			270°					
	2026	7		C/C					
606	2030			000°	120	98/40			
	2031	3							
	2047	10	84.4						
	2100		93.7						
	2110	20							
	2130		232.5						
	2158	40							
	2200		232.5						
	2227	50							
	2230		111.0						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
606	141/2246	60		6000/	120	98/40			
	2300		46.5						
	2309	70							
	2330		33.0						
	2332	80							
	142/0000		33.75						
	0016	100							
	0030		28.0						
	0034	10		9/0					
607	0100			1900/4.8					
	0102	20							
	0127	30							
	0130		41.3						
	0143	40							
	0200		51.8						
	0203	50							
	0224	60							
	0230		99.0						
	0245	70							
607A	0251	73		9/c					
	0300		236.25						
	0307	5A							
	0325	10A							
	0330		236.25						
	0340	15A							
	0356	20A							
	0413	25A							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
607A	142/0427	29A		1900/4.8	120	98/40			
	0430		48.75	2800/4.8	60				
608A	0431								
	0442	3A		9/c					
609A	0446								
	0500	5A	84.37	0080/4.8	60	98/40			
	0515	10A			90				90KJ = 0524
	0530		232.5						
	0531	15A							
	0546	20A							
	0600	25A	240.0						
	0605	27A							
609	0606	1		0080/4.8	120	98/40			120KJ = 0620
	0624	10							
	0630			0080/4.8					
	0644	20							
	0700		60.75						
	0705	30							
	0726	40							
	0730		52.1						
	0740		≈67.5						
	0746	50							
	0800		37.5						
	0807	60							
	0825	69	≈19.5	9/c					
610	0832	9		1980/			6.00	650/2000	
	0856	20							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
610	142/0900		36.8	1980/	120	98/40			
	0918				90				
	0919	30							
	0930		60.8						
	0941	40							
	1000		72.0						
	1005	50							
	1030	60							
	1053	70							
611	1102			0010/	120	76/40			
	1113	10							
	1130		93.8						
	1157	30							
	1201		45.8						
	1218	40							
	1230		69.0	/4.6					
	1241	50							
	1300		47.3						
	1303	60							
	1323	70							
	1330		27.0						
	1337	78							
612	1342								
613	1356	5							
	1400		29.1	1800/4.6					
	1404	10							
	1430		45.0						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
613	142/1445	30		180°/4.6	120	76/40			
	1500		67.5						
	1507	41							
	1527	50							
	1530		80.63						
	1547	60							
	1600		96.75						
	1607	70							
	1626	80							
	1630		228.75						
	1647	90							
	1700		236.25						
	1711	101							
	1730		187.5						
	1731	111							
	1750	120							
	1757	124							
	1758			C/C					
614	1851	1			120	76/40			
	1900		59.3						
615	1902			0000/	120	76/40	600	650/200	
	1909	4							
	1921	10				98/40			
	1943	20				76/40			
	2000		243.8						
	2003	30							
	2024	40							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
615	142/2030		232.5	000/	120	96/40	600	650/3000	
	2044	50							
	2100		120.0						
	2106	60							
	2128	70							
	2130		90.0						
	2150	80					DOWN ON	2147 2156	
	2200		82.5						
	2212	90				98/40			
	2230		59.3						
	2300		33.8						
	2318	120							
	2323	127							
616	2326	1							
	2332	4							
617	2335	8		181°/	120	98/40			
	2359	20							
	143/0000		39.8						
	0019	30							
	0030		68.3						
	0041	41							
	0054	50							
	0100		87.8						
	0121	60							
	0132		97.5						
	0142	70							
	0200		150.0						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
617	143/0203	80		181°/	120	98/40			
618	0210	83							
	0217	2							
619	0229			000°/	120	98/40			
	0249	10							
	0300		150.75	000°/4.5	120	98/40			
	0319	22							
	0330		97.5						
	0335	30							
	0358	40							
	0400		90.0						
	0420	50							
	0430		61.2						
	0444	60							
	0500		39.75						
	0506	70							
	0527	80							
	0530		22.5						
	0532	83							
END 619	0535			C/C					
620	0538	1		270°/					
	0545	4							
END 620	0546			C/C					
621	0548	3		181°/					
	0600		35.47	181°/4.5	120	98/40			
	0601	10							
	0622	20							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
621	143/630		43.12	181°/4.5	120	98/40			
	0648	32							
	0700		79.5						
	0705	40							
	0727	50							
	0730		99.8						
	0756								120 KJ DOWN, ELECTRODE REPLACEMENT
	0800		129.8						
	0811	70							
	0830		168.8						
	0833	80							
	0855	90							
	0900		262.5						
	0918	100							
	0920				90				
	0930		262.5		90				
	0940	110							
	1000		156.8						
	1002	120							
	1024	130							
	1030								
END 621	1032			C/C					
622	1036			270°					
END 622	1049			270°	90	98/40			
623	1100		84.4	001°					
	1113	10.							
	1130		171						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
623	143/1136	20		001°	90	98/40			
	1200	30	266.3						
	1223	40							
	1230		277.5						
	1245	50							
	1300		180.0						
	1307	60							
	1328	70							
	1330		150.0						
	1349	80							
	1400		103.5						
	1410	90							
	1430		75.0						
	1431	100							
	1453	110							
	1500		42.5						
	1513	120							
	1530		31.87						
	1532	130							
	1534	131							
END 623	1535			C/C					
624	1538	1							
	1544	4							
END 624	1545			C/C					
625	1548	5							
	1600	10	35.62	181°/4.6	90	98/40			
	1624	20							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
625	143/1630		46.5	181°/4.6	90	98/40			
	1645	30							
	1700		84.0						
	1707	40							
	1728	50							
	1730		125.62						
	1751	60							
	1800		187.5		120				
	1814	71							
	1830		225.0						
	1835	80							
END 625	1836			C/C					
626	1839	2							
	1845	5							
END 626	1846			C/C					
627	1850	3							
	1900		180.0	002°/4.5	120	98/40			
	1930		195.0						
	1941	30							
	2000	40	112.5						
	2020	50	65.6						
	2039	60							
	2045				90				#4 DOWN
	2059	70							
	2100		46.9						
END 627	2110			C/C					BOTH SEISMIC SYS. DOWN. RADIO INTERFERENCE & MAINTEN.
	2130								STILL CIRCLING

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
	143/2200								HEADING TO START LINE 628
~~628~~	2210				90				RESTART ANCER. RESTART LINE 628
628	2228	1		187°/	90	98/40			
	2230	3	247.5						
	2246	10							
	2300		52.5						
	2308	20							
	2330	31	88.1						
	2332	40							
	144/0000		165.8						
	0030		176.3						
	0038	60							
	0100		232.5			76/40			CHANGE FILTER
	0103	70		187°/	90	76/40			
	0108	72		C/C					
629	0113	2							
END 629	0118	4							
630	0122	2		000°/	90	76/40			
	0130		225.0						
	0138	10							
	0159	20							
	0200		195.0	~~000°/5.0~~					
	0218	30							
	0230		172.5	000°/5.0					
	0239	40							
	0259	50							
	0300		77.25						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
630	144/0319	60		000°/5 KT	90	76/40			
	0330		57.0						
	0339	70							
END 630	0340			C/C					
631	0344	2							
	0349	5							
END 631	0351			C/C					
632	0355	3							
	0400		49.87	181°/5 KT	90	76/40			
	0410	10							
	0430		77.25						
	0431	20							
	0452	30							
	0500		185.6						
	0515	40							
	0530		221.25						
	0537	50							
	0559	60							
	0600		187.5						
	0619	69							
END 632	0620			C/C					DOGLEG 633, CHECKING LADDERS
	0635				120				
634	0641	2							
	0658	10							
	0700		240	000°	120	76/40			
	0702				90				
	0719	20			90				

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
634	144/0730		240.0	000°	90	76/40			
	0800		206						
	0802	40							
	0830		78.8			76/40			
	0900	68	45.0						
END 634	0904	70		C/C					
635	0907	1		270°					
END 635	0913			C/C					
636	0930		63.8	181°					
	0932								NO NAVIGATION
	0940			C/C 140°					COURSE CHANGE TO REGAIN LINE
	0943			C/C 180°					
	0947	18		180°					
	1000		96.8						
	1030		255.0						
	1041	43							
	1056	50							
	1100		213.8						
	1119	60							
	1130		277.5						
	1142	70							
	1200		348.8	180°/4.6	120	98/40			
	1205	80							
	1227	90							
	1230		382.5						
	1250	100							
	1300		225.0	181°/4.47					

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
636	144 / 1330		84.8	181° / 4.47					
	1335	120							
END 636	1344								
637	1347								
	1349	3		270°					
END 637	1355								
638	1359								
	1400		84.5	002°					
	1401	4							
	1414	10							
	1430		178	002°					
	1433	20							
	1453	30							
	1500		393.75						
	1515	41							CIRCLE TO CHANGE PAPER
	1548	40							
	1600		360.5	002°	90	98/40			
	1608	50							
	1628	60							
	1630		301.0						
	1646	70							
	1700		240.0						
	1705	80							
	1724	90	~~243.75~~						
	1730		243.75						
	1744	101							
	1800		77.25						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
638	144 / 1801	110		002°	90	98/40			
	1820	120							
END 638	1827	124		C/C					
639	1830		15.0	260°					
	1831	1							
END 639	1842	6		C/C					
640	1844	3							
	1900		65.6	181° / 4.5	90	98/40			
	1920	20							
	1930		141.8						
	1944	30							
	2000		300.0						
	2008	40							
	2030		285.0						
	2032	50							
	2053	60							
	2100		352.5						
END 640	2102			C/C					MAIN SYSTEM DOWN FOR REPAIR
641	2107	3		275°					
END 641	2113			C/C 001°					MAIN SYSTEM ON AGAIN UNIBOOM NOT IN USE
	2118			001°					
642	2119								
	2130		390.0	275°					
	2137	10							
	2200		315.0						
	2210								UNIBOOM ON
	2218	30							UNIBOOM OFF AGAIN

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
642	144/2230		277.5	275°/	90	98/40			START UNIBOOM
	2239	40							
	2300		71.3						
END 642	2317	58							
643	2321	1		270°/					
END 643	2330	5		270°/6 kr					
644	2333	4		181°/4.6					
	2352	13							
	145/0002		142.5						
	0007	20							
	0029	30							
	0030		285	181°/4.6					
	0100		367.5						
	0104	46							
END 644	0105			C/C					
645	0109	2		279°/	90	98/40			
	0118	6							
END 645	0119			C/C 000°					
646	0123	2							
	0130		420.0	000°/					
	0140	10							
	0200								
	0201	20							
	0223	30							
	0230		103.1						
	0245	40							
END 646	0250	43							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
647	145/0253	1	38.25	302°/					
END 647	0300	4		C/C	90	98/40			
648	0305	6							
	0330		126.37	080°/4.5					
	0333	20							
	0354	30							
	0400		412.5						
	0413	40							
	0428	47							
END 648	0429			C/C					
	0430		457.5	270°/	90	98/40			
649	0434	2							
	0443	5							
END 649	0444			C/C					
650	0449	1							
	0500		480.0	000°/					
	0511	10							
	0530		427.5						
	0533	20							
	0544				60				
	0551				90				
	0553	30							
	0600		121.87						
	0615	40							
END 650	0629	43		C/C					
	0630		28.12						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
END 651	145/0640			C/C					
652	0643								
	0700		69.37	180°	90				
	0705	17							
	0729	28							
	0730								SHUT DOWN ALL SYSTEMS
861	150/0651		18.75	291°	90	98/40			
	0311	30							
	0330								
	0400								
	0410	1			90	60/25			CHANGE LINE
860A	0411			276°					
	0413	1A							
	0430								
	0439	10A							
	0500		140.6						
	0506	28							
	0530		206						
	0533	30							
	0600		270			98/40			
	0602	40							
	0629	50	360			98/40			
	0700		453						
652	0720			180°		98/50			
	0721	50							
	0729								STEERING PROBLEMS
	0744	60							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
652	150/0800		543	180°	90	98/50			
	0806	70							
	0828	80	540						
	0851	90		180°					
	0900		491						
	0913	100							
	0930								
	0935								SHUT DOWN, BACK TO ALT. TRIP TO INLEME
863	151/0130		84.0	280°	120	125/40			EXPERIMENTING WITH 100 & 150 PHONE STREAMERS
	0142.5	20		9KT		98/31			150 PHONE
	0200		87.2		120	98/31			50 PHONE STREAMER
	0230		178	9KT					100 PHONE STREAME
	0300		90	280°/9KT					
	0312	50							
	0330		187.5		120	98/31			
	0340	60							
	0400		176.2						
	0417			4.5KT					
	0418	72							
	0426			C/C 210°					
	0427	74							
653A	0433	1	160.5						
				4.5KT					
	0451			210°/4.5	120	98/40			
	0453								CHANGE LINE
	0500	11							
END 653A	0503	12							CHANGE TO 653

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
653	151/0505	1							
	0529	11							
	0530		47		120	98/40			
	0600		42						
	0620	30							
	0635		36						
	0643	40							
END 653	0650	43							
654	0653	3		006°/5kt					CHANGED TO 115 AMPLIFIER AND 50
	0702		29.2						
	0727	20	26.3						
	0745	30							
	0800		94.5						
	0807								CHANGE UNIBOOM TO CHART SPEED TO 3/4
	0818								CHANGE UNIBOOM
	0819	50							
	0823								CHANGE UNIBOOM 1/4, GIFFT 1/2 SEC
END 654	0826	54							
	0830		231	207°/	120	98/50			
	0834	3	231						
	0850								CHANGE UNIBOOM TO C
	0855	10	161						CHANGE GIFFT TO 1/4
	0859								
	0900		112.5						
	0923	20							
	0930		93.8						
	0945								CHANGE UNIBOOM TO

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
655	151/0946	30		207°/	120	98/50			
END 655	1001	37	46.9						
656	1005		32.9	278°/					
	1007	3							
END 656	1015	7							
657	1024	9	30	028°/					MAR, RETURNED
	1031		55.4						
	1043								UNIBOOM CHANGED TO 3/4
	1045	20							
	1100		104.3						50 PHONE STREAMER 115 AMPLIFIERS
	1104	30							
END 657	1116								
658	1130		372	285°/					
END 658	1135								
659	1144			209°/					
	1200		112	209°/4.5kt					UNIBOOM 1/2
	1204	10							
	1220								UNIBOOM DOWN FOR PAPER-BELT
	1230		69						PROBLEMS, UNIBOOM STILL OUT
	1300		30						UNIBOOM OUT
END 659	1312								START TURN FOR 660 UNIBOOM OUT
660	1316			320°/					UNIBOOM OUT
END 660	1324								UNIBOOM OUT
661	1327			031°/					UNIBOOM OUT
	1330		44						
	1335	10							
	1353	20		031°/4kt					

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
661	151/1400			031°/4kt	120	98/50			
	1415								UNIBOOM ON
END 661	1417								
662	1424								
	1430								
END 662	1431								
663	1440			209°					
	1500								
	1530		71.6						
	1548	30		209°/5kt					
664	1600		25.5	270°					
END 664	1613	6							
665	1619	10		030°					
	1630		34.8						
	1641	20		4.8kt					
	1700		90.7						
	1702	30							
	1723	40							
END 665	1724								
666	1727								
	1732	5							
END LINE 666	1735								
667	1738			209°					
	1739	3							
	1756	10							
	1800		99.7						
	1822	20							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
667	151/1830		66.0	209°					
	1831								
	1845	30							
END 667	1849	32		C/C					
668	1853	1		270°	120	98/50			
	1900		23.5						
END 668	1903	5							
669	1909	14		020°					
	1919	20							
	1930		67.5						
	1942	30							
	1950			020°	120	98/40			100 PHONE & 4022 AMPLIFIERS
	2000		131.1						
	2003								CHANGE UNIBOOM 3/4
	2005	40							
	2009								CHANGE V4 CHANGE 1.0 SEC
END 669	2021	47		020°/4.5kt					
670	2024			004°					SHUT DOWN UNIBOOM
	2026	2							
	2030		443						
	2045	10							
	2100		510						
	2111	20							
	2130		566						
	2134	30							
	2158	40							
	2200		566						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
670	151/2223	50		004°	120	98/40			
	2230		547.5						
	2248	60							
	2251	61							
	2300		525	004°/4kt					
	2313	70							
	2330		510						
	2337	80							
	152/0000		375						
	0007								UNIBOOM ON
	0030								
	0034								
	0043			004°					CHANGE TO SHORT 50 PHONE STREAMER
	0100								
END 670	0106								
671	0110				60				
END 671	0120								
672	0126			184°					BIG STREAMER
	0134								
	0140			184°	120				
	0200		103						
	0230		328		90	98/40			
	0248								SHUT DOWN UNIBOOM
	0300		488	184°/4kt					
	0303								
	0309				90	76/25			CHANGE SHOOT RATE
	0325				120				INCREASE VOLTAGE TO MAX., INCREASE POWER

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
672	152/0330				120	76/25			
	0341	80							REDUCE SPEED FOR TRAFFIC
	0346	90							RESUME SPEED
	0358				120	76/31			
	0400								
	0410	100							
	0422	110							
	0430		480	184°					
	0435	120							REDUCE SPEED TO 4.5 KT
673	0500		96.8	212°					
	0506	10							
	0528	20							
	0530		68.6						
END 673	0551	30							
674	0556	1		270°					
	0600		28						
	0609	6							
675	0617	24							
	0630	30	60.8	031°					
	0654	40							
	0700		60		90				SHUT DOWN FATHOMETER CHANGE PAPER
	0718	50							
	0721								CHANGE CENTER UNIBOOM
	0724								CHANGE 44 UNIBOOM
	0728								CHANGE E UNIBOOM
	0735								SHUT DOWN UNIBOOM
END 675	0737								

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
676	152/0742			291°	90	76/31			
	0744	3							
	0747	4							
END 676	0749	5							
677	0754		375	213°					
	0800	3							
	0813	10							
	0830		97.5						
	0835	20							
	0857	30	73.1						
	0900								
END 677	0919	40							
678A	0925	3		270°					
END 678A	0929	5	47.9						
679	0936			032°					
	0937	16	56.3						
	0946	20							
	1000		82.5						
	1008	30							
	1021								UNIBOOM 3/4, CHANGE KEYING
	1030	40	99.8						
	1044								CHANGE 3 1/4 UNIBOOM
	1052	50							
END 679	1054	51							
680	1059			090°					
	1100	2	435						
	1108	5							TURNING FOR LEG 681 & 680

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
681	152/1112			212°	120	76/40			
	1114	3							100 PHONE STREAMER
	1130		143						100 PHONE STREAMER
	1132	10							100 PHONE STREAMER
	1157	20							100 PHONE STREAMER
	1200		95						100 PHONE STREAMER
	1230		77						100 PHONE STREAMER
END 681	1250								100 PHONE STREAMER
682	1259								
	1300		47						50 PHONE STREAMER
	1302								TURNING TO NEW LINE
683	1303			032°					
	1311	10							
	1330		90						50 PHONE STREAMER
	1332	20							
	1400		135						
END 683	1421								TURN FOR 684
684	1427								
	1430		450						
END 684	1437	5			120	98/40			TURN FOR LINE 685, HS AMPLIFIER
685	1442			212°					50 PHONE STREAMER
	1527	24							
	1530		96.8			98/50			
	1545	30							
	1600		53.4						
	1606	40							
END 685	1607								

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
686	152/1610	1			120	98/50			
	1617	4							START TURN TO 687, COURSE 031°
687	1621								
	1630		62.5	031°					
	1637	10							
	1655								CHANGE PAPER TO HI-RESOLUTION
	1700	20	99		90	98/50			
	1723	30							
	1730		337	031°/4.8kt	120.	98/40			
END 687	1743								SHUT DOWN SYSTEM TO PULL LADDERS
689A	1806	1A							
	1812	4A							
689	1814	1		212°					
	1830		277.5		120	98/50			
	1835	10							
	1858	20							
	1900								
	1909				30				POWER CHANGE
	1921	30							
	1928				120				INCREASED POWER
END 689	1930								
690	1932			230°					CHECK COURSE WITH GRAVITY DATA
	1933	3		240°	120	98/50			COURSE CHANGE TO 240°
	1942	8							
	1945			270°					COURSE CHANGE TO 270°
	1947	1							
END 690	1950	5							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
691	152/2000		45	034°					
	2001	9				98/50			
	2003	10							
	2025	20							
	2030		75.8						
	2046	30							
	2100		105.8						
	2107	40		034°	120	98/50			
END 691	2117	45							EPC DOWN
692	2122			299°					EPC PAPER CHANGE
	2130		435						
END 692	2146	9							EPC AND UNIBOOM BOTH DOWN
693	2152	3		214°					EPC ON, UNIBOOM DOWN
	2200		281						START EPC
	2206								CHANGE 1/4 SEC GIEFT
	2209	10							
	2230		102						
	2233	20							
	2245								CHANGE PAPER OF UNIBOOM
	2259	31							
	2300		63						
	2324	40							
	2330		46						
	2340	50							
	2347								DOWN FOR REPR, BACK ON AT 0013
	153/0000		41						
	0013								STEADY ON

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
693	153/2030		98.3		120	98/40			
	0045	80							
END 693	0049			307°					
694	0054	4							
	0056	5							
695	0100		495						
	0101								STEADY ON
	0103	2							
	0121	10							
	0130		98	034°					
	0144	20							
	0200		53	4kt					
	0209	30							
	0230		61		90	98/40			
	0231	40							
	0256	51							
	0300		71						
	0304								
	0318	60							
	0330		100.5	034°					
	0342	70							
	0400		356		90	98/50			
	0407	81							
END 695	0410								DOWN FOR TICKLER CHANGE
696	0414	3		294°					
697	0450			294°					BACK ON THE AIR
	0500		382						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
697	153/0509	10							
	0530								
	0531	20	125						
	0600	40	75						
	0630								
	0632	50							
	0652	60							
	0700		86						
	0713	70		214°	90	98/40			
	0729		187.5						
	0733								UNIBOOM SHUT DOWN
	0737	80							
END 697	0747								
698	0755	3		305°					CHANGE BELT OF EPC
END 698	0759	5	558.8						
699	0805			034°	90	98/50			
	0806	3							
	0822	10			120	98/50			
	0826								LOST TRIGGER, UNIBOOM DOWN
	0830		123						
	0840								UNIBOOM BACK ON (FILTER K 70-1950)
	0845	20							
	0901		75						
	0910	30							
	0923								CHANGE PAPER OF UNIBOOM
	0930								
	0936	40							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
699	153 / 1955			034°	120	98/50			SHUTDOWN EQE FOR CLEANING
	1000		79.5						
	1002	50							
	1029	60	84.8						
	1057	70							
	1100		125						
	1122								CUT IN 100 PHONE STREAMER
	1123	80							
	1130		443	014°					
END 699	1138	85							
700	1143	2							
	1157								CUT IN 50 PHONE STREAMER
	1200		461			98/40			
	1206	10							
	1220								CUT IN 100 PHONE STREAMER
	1230		431						
	1231								
	1236	20							
	1300		398						
	1304	30							
	1330		345						
	1331	40							CUT IN 50 PHONE STREAMER
END 700	1334	41							
701	1337			307°					
	1400		315						
	1402	10							
END 701	1418	16							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
702	153 / 1424			181°					
	1426	4							
	1430		349						
	1438	10							
	1459	20							
	1500		405						
	1521	30							
	1530		450						
	1541	40							EQUIPMENT DOWN CIPLING
END 702	1643	41			120	98/40			
703	1700	47		215°					
	1702	1							
	1730								
	1731								CUT IN 50 PHONE STREAMER
	1746	20							
	1800		84.7						
	1810	31							
	1829	40							
	1830		84.8						
	1850	50							
	1900		75						
	1913	61			90				
	1930		120						
	1932	70							
	1936								CHANGE TO 1 SEC.
	1957	80							
	2000		495						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
END 704	153 / 2010	85		307° /					SHUT DOWN FOR REPAIRS
705	2123			035° /	120	98/50			
	2130								
	2148	41		/ 4.8kt					
	2200								
	2210	51	97.5						
	2229	60	108						
	2250	70							
	2300		134		90				
	2303								
	2312	80							
	2323	87							
END 705	2330		480						
706	2333								
	2339								
END 706	2340								
707	2344	3							
	154/0000		199	215° /	90	98/50			
	0003	10							
	0028	20							
	0029								
	0030		120						
	0053	30							
	0100		116.3						
	0119	40							
	0130		100						
	0144	50							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
707	154 / 0200		91	215° /		98/50			
	0201								
	0206	60							
	0230		142						
	0231	70							
	0256	80							
	0300		443						CUT IN 100 PHONE STREAMER
	0302								UNIBOOM TURNED OFF
	0310								
	0312	86							
708	0317								
	0327	5							
END 708	0328				120				
709	0348	10		036° / 5kt	120	98/50			
	0407	20							120 KJ OFF - EXP AND FIRE
	0460	41							CONTINUE 120 KJ AFTER REPAIRS 91
	0500				120	98/50			
	0514	50							
	0518				60				
	0530		495						
	0557	70							
	0600		690						
	0617	80							
	0625	84							
END 709	0626								
710	0627	1							
	0646	10		015° /					

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
710	154 / 0700		442.5	015°					
	0707	20							
END 710	0724	28							
711	0729			271°					
	0730	2	397.5		60				
END 711	0746	9							CHANGE TICHLER #2
712	0752	2	416.3	183°	90	98/50			
	0801								
	0808	10							
	0828	20							
END 712	0834	23							
713	0838	1	487.5	215°					
	0900		251.3						
	0901	12							START UNIBOOM
	0920								
	0930								
	0947	32							
	1000		123.5						
	1005	40							
	1027	50							
	1030		78.8						
	1035								CHANGE PAPER IN UNIBOOM
	1050	60							
	1100		169						
	1113	70							
	1130		690						
	1131								

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
END 713	154 / 1135	80							
	1136	80A							
714A	1147	1A							
	1158	4A							
END 714A	1159	5A							CUT IN 50 PHONE STREAMER
715A	1200	1A	840						CUT IN 100 PHONE STREAMER
	1215								
END 715A	1217								
715	1230		705						
	1236	10							CUT IN 50 PHONE STREAMERS
	1300		146						DOWN TO REPLACE BELT
	1312								
	1318	30							
	1330		116	215°					
	1339	40							
	1400	50	277						
	1421	60							
	1430		326						
	1442	70							
	1457	77							
	1500		491						
END 715	1509	81							
716	1513	1							
	1520	4							
END 716	1522								
717A	1525	1A		215°					
	1530		525		90	98/50			

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
717A	154/1539	6A		215°	90	98/50			
717	1541	1							
	1600		510						
	1603	10							
	1626	20							
	1630		396						
	1649	30							
	1700		233						
	1711	40							
	1730								
	1758	60							
	1800		450						
	1820	70							
END 717	1822			C/C					
718	1827	2	750	305°/4.5kt	90	98/40			
END 718	1835	5		C/C					
	1836								CHANGE TO LINE 719
719	1840			036°					
	1841	2							
	1850								
	1856	10							
	1900		611.3						
	1918	21							
	1930								MAGS.
	1932		161.3	036°/4.37kt					
	1937	31							ON 115 AMP
	1955	41							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
719	154/2000		386.3	036°/4.37kt		98/40			
	2016	51							
	2030		528.8						
	2034	60							
	2054	70							
END 719	2058	72							
	2100								MAGS.
720	2103			305°	90	95/40			
	2105	3	491.3						
END 720	2110	5							
721	2116			216°					
	2118	3							
	2130		521.3						
	2134	10							
	2135								CUT IN BIG STREAMERS
	2137								SMALL STREAMERS CUT BACK IN
	2146								BIG STREAMERS CUT BACK IN 3-4 MAIN AMPLIFIERS
	2156	20							
	2200		558.8						
	2218	30							
	2230		405.0						
END 721	2237	38							
722	2241			152°					
	2242	2							
	2300		173						
	2301								
	2325	20							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
722	154/2330		90	152°					
	2348	30							
	155/0000		101.2						
	0004								
	0012	40							
	0030		105.0						
	0035	50							
END 722	0043	54							
723	0045			128°					
	0048	2							
	0100		90						CHANGE TO 1/4 SEC SWEEP
	0106	10			90	98/40			
	0129	20							
	0130		44						
END 723	0142	28							
802	0352	72		308°	120	98/40			
	0418	60							
	0431								
	0435		622	056°	90	98/40			
	0436	50							
	0455	40							
	0500		562						
	0515	30		SKT					
	0530		503						
	0535	20							
	0555	10							
	0600		465						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
802	155/0611	2			90	98/40			
END 802	0612								
801	0614			002°					
	0616	59							
	0630		398						
	0637	49							ON 115 SYSTEM
	0657		307.5		120	98/40			
	0700	40							MAGS.
	0730		146.3						
	0740	20							
	0800	10	78						
	0815	3							
END 801	0821								
800	0825			275°					
	0826	12							
	0830		60.8						
END 800	0842	7							
799	0848			182°					
	0851	61							
	0900		81.8						
	0917	50							
	0927								CHANGE TO 1 SEC SWEEP GIFFT, CHANGE [illegible]
	0930		225						
	0940	40							
	0953								SHUT DOWN UNIBOOM
	1000		247.5						AUTO EVENT MARKER STAYS ON
	1004	30							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
799	155/1012			182°					OFF FOR BELT
	1018								ON
	1021	19							
	1030				120	98/40			
	1035								SHUT DOWN, BELT PROBLEMS
	1038								RESTART
	1039								SHUT DOWN AGAIN TO CHANGE BELT
	1044								RESTART
	1045	10							
	1100		435						
	1102	2							
798	1104		450	217°					
	1107	84							
	1115	80							
	1130		502						
	1137	70							
	1158	60							
	1200		563						
	1219	50							
	1230		544						
	1242	40							
END 798	1300	32	611						
803	1303			108°					
	1306	19							
	1308	20							
	1330		293						
	1333	31							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
803	155/1345								UNIBOOM STARTED, LITTLE STREAMERS CUT IN AT 1352
	1352	40		108°					
	1400		131						
	1414	50							
	1422								CUT IN 100 PHONE STREAMER
	1430		107						
	1434	60							
	1445								UNIBOOM DOWN PAPER CHANGE
	1454								UNIBOOM DOWN PAPER CHANGE
	1457	70							
	1500		90						
	1530		75						
	1538	90							
	1558	100							
	1600		75						
	1630		81.8						
	1642	120							
	1700		93.7						
	1701	130							
	1730		80.2		120	98/40			
	1745	150							
	1800	160	69.6		120	98/50			
	1823	170							
	1830		58.5						
	1844	180							
	1900		56.3						
	1905	190							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
	155/1927	200		108°	120	98/50			
	1930		26.3						
	1937								CHANGE PAPER IN UNIBOOM
	1951	210							UNIBOOM BACK ON
	2000		30.8						
END 803	2012	219							
803A	2014	1		105°					
	2030		30						
	2037								RADIO TELEPHONE IN USE, UNIBOOM SHUT DOWN
	2042	10							
	2100								
	2108	18	37.5						
	2116								RESTART UNIBOOM FINIS TRANSMITTING
END 803A	2118								
803B	2119			152°					
	2130		32.3						
	2154								CHANGE TO BIG STREAMERS
END 803B	2155								
803C	2159			119°					
	2200	1	65.6						
END 803C	2217	5							
794	2223			198°					
	2224	68							
	2230		390						
	2246	59							
	2258								SHUT DOWN UNIBOOM, DEEP H_2O
	2300		503						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
794	155/2305	50		198°	120	98/50			
	2331		413						
	2332								
	2349	30							
	156/0000		180						
	0011	20							
	0030		169						
	0031								
	0036	10							
END 794	0055	3							
793	0056								
	0100		161	110°					
	0101	6							
END 793	0106	3							
792	0113			018°					
	0117	64							
	0130		375						
	0133								
	0153	50							
	0200		228						
	0205								
	0215	40							
	0230		638						
	0231								
	0239	30							
	0300		803						
	0305	20							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
792	156/0330	10	97.5	018°	120	98/50			
	0341	4							
END 792	0342			C/C					
790	0357			198°					
	0358	63							
	0400		375						
	0430		900						
	0444	40							
	0500		735						
	0502	30							
	0503								CHANGE MAG. TAPE
	0521	20							
	0530	15	225						CHANGE 2 SEC. SWEEP 60 K'S EACH
	0540	10							
	0552	3							
END 790	0554								
789	0557	32							
	0602	30							CHANGE 1 SEC SWEEP 30 KJ EACH
	0624	20							
	0630			090°/4 SEC					60 KJ EACH BAND x 2
	0647	10							
	0700			090°	120	98/40			LONG PHONE
END 789	0703	3							
788	0708			180°					
	0709	7							
	0717	3							
END 788	0719								

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
787	156/0723	74		272°	120	98/40			
	0730	70	750						
	0753	60							
	0800		195						START UNIBOOM
	0811								CHANGE PAPER OF UNIBOOM
	0813	50							
	0828								RESTART UNIBOOM
	0830		127.5						
	0833	40							
	0854	30							
	0900		165						
	0916	20							
	0930		142.5						
	0937	10							
	0939	9							
	0952	3							
END 787	0953								
786	1000		120	180°					
	1002								
	1003	8							
END 786	1013	3							
785	1017								
	1019	94							
	1025				90				SWITCH TO 90 KJ
	1029	90	123.8						
	1030								
	1039				120				CHANGE TO 120 KJ

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
785	156/1100		131	180°	120	98/40			
	1130		135						
	1136								
	1147	70							
	1151	60							
	1200		131						
	1205	50							
	1207	49							
	1208								
	1230		206						
	1256	30							
	1300		494						
	1320	20							
	1330		1028						
	1332								
	1345	10							
	1400								
	1401	3							
END 785	1402								TURN FOR 784
784	1406			180°	120	98/40			
	1407	6							STEADY ON
END 784	1414	3							TURN FOR LINE 783, KEYING PROBLEMS, 3/4 KEY OUT
783	1421			271°					
	1422	101							
	1430		1268						
	1445	90							
	1500		581						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
783	156/1506	80		271°	120	98/40			
	1527	70							
	1530		232						
	1549	60							
	1600		135						
	1610	50							
	1630		135						
	1633	40							
	1656	30							
	1700								
	1718	20							
	1730		112		120	98/50			
	1738	10							
	1758	1							
	1800		187.5						
783A	1802	1A							
	1818	6A							
END 783A	1819								
782A	1823	1		180°					
	1830		750						
782	1833	4	750						
END 782	1834			C/C					
781	1839	1A		090°					
	1854	6A							
	1856	87							
	1900								
	1912	80							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
	156 / 1930		120	090°	120	98/50			
	1940	68							
	2000	59	135						
	2021	49							
	2030		142.5						
	2040	40							
	2059	30	138.8						
	2100								CHANGE PAPER IN UNIBOOM
	2107				90				
	2126	17	356.3						
	2144	9							
	2157	3							
END 781	2159								SHUT DOWN UNIBOOM, DEEP H_2O, CHANGE SPEED TO 7.5KT
780A	2203		682.5	163° / 7.5KT	120				
	2208	1							
	2227				120	98/40			CHANGE FILTER AND SHIFT TO LONG PHONE
	2230		986.3			98/50			CHANGE BACK TO 98/50 FILTER
	2234								CHANGE TO 74 KEY POINT
	2300		768.8						
	2314	24							
	2315				90	98/40			
	2330		305						
	2333	30							
	157 / 0000		120						
	0002	40							
END 780A	0022	47							
779A	0025	1		224° / 4.6KT					

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
779A	157 / 0030		101	224° / 4.6KT	120	98/40			UNIBOOM BACK ON
	0039								
	0051	10							
	0100								
	0124	21							
	0130		84						CUT IN 50 PHONE STREAMER
	0138								
	0148	30							
	0200		82						
	0218	40							UNIBOOM DOWN
	0225								
	0230		90						
END 779A	0236	46							
778A	0238			343° / 7.5KT					CUT IN 100 PHONE STREAMER
	0238.5	1							
	0300		94						
	0308	10							
	0330		97.5						
	0348	20							
	0400								
	0422	30		343° / 6.5KT					
	0430		120						
	0457	40							
	0500								
	0530	50	322						REDUCE SPEED
	0600		322	343° / 4.7KT	90	98/40			
	0602	60							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
778A	157 / 0630		187.5	343° / 4.7kt	90	98/40			
	0639	70							
	0700		157.5						
	0718	82							
	0719								CHANGE TAPE, END OF ROLL #5 TAPE
	0730		138.8						START OF ROLL #6 TAPE
	0749	90							
	0800		138.8						
	0823	102							
	0830		150						
	0848								
	0900		210						
	0917								
	0930	120	120						
	0935								START UNIBOOM
	0948	130							
	1000		101.3						
	1018	140			120	98/40			TICHLER PROBLEMS UNIBOOM
778A	1020	1		000° / 4.7kt					CHECK LINE WITH NAVIGATION
	1030		86.3						
	1050	10							
	1100		67						
END 778A	1117								TURNING TO AVOID ROCKS
	1132		74						TURNING TO AVOID ROCKS, UNIBOOM DOWN
777A	1139								
	1140	1							
	1158								UNIBOOM ON

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
777A	157 / 1200		68	201° / 4.7kt					
END 777A	1213	12							
777	1218								
	1218	95							
	1227								CUT IN SMALL STREAMERS
	1230		86	180° / 4.7kt					
	1247								CUT IN BIG STREAMERS AFTER SHORT HAULING
	1254	80							
	1300		105						
	1303								
	1318	70							
	1325								
	1330		124						
	1343	60							
	1400		158						
	1408	50							
	1425			/ 4.2kt					
	1430		131						
	1434	40							
	1454.5	30							
	1500		131						
	1525	20							
	1530		131.3						
	1550	10							
	1600		262.5						
END 777	1613								SHUT DOWN FOR REPAIRS
775	1740	8.3		003° / 4.5kt	120	98/50			CHECK NO FIX MARKS ON MAG. TAPE

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
775	157/1805	70		003°/4.5kt	120	98/50			
	1827	60							
	1830		120						
	1836								UNIBOOM DOWN FOR PAPER CHANGE
	1841								UNIBOOM ON
	1847	50							
	1900		120	003°/4.2kt					
	1909	40							CHECK (BEGINNING OF FIX MARKS ON MAG. TAPE)
	1930	30	116.3						
	1940								CHANGE TO LONG-PHONES
	1952	20							
	2000		116.3						
	2015	10							
	2030		97.5						
END 775	2035	1							SHUT DOWN HIGH RESOLUTION TRANSMISSION
774	2049			200°/4.7kt					
	2059	50	97.5						
	2100								MAGS.
	2120	40							
	2130		116.3						
	2144	30							
	2200		135						
	2214	19							
	2230		131						
	2242	8							
END 774	2257	3							
773	2300		495	289°/4.7kt					

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
773	157/2305	5		281°/4.7kt	120	98/50			
	2307	4							
END 773	2308			021°/4.7kt					CHANGE COURSE
772	2312			021°		98/40			
	2324	85							
	2330		263						
	2337	80							
	2340		187						UNIBOOM ON, CHOPPY WATER CAUSING BAD RECORDS
	158/0000		199						
	0001	70							
	0026	60							
	0030		185						
	0050	50							
	0100		105						UNIBOOM SHUT DOWN
	0121	38							
	0130		83						
	0143	32							
	0158								UNIBOOM BACK ON
	0200		56						
	0206	19							
	0226	10							
	0230		28						
END 772	0237	4							
771	0244			250°/4.7kt					
END 771	0248								
770	0251			203°/4.7kt					
	0252	77							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
770	158/0315	70		202°/4.7KT		98/50			
	0330		59						
	0332	60							
	0354	50							
	0400		88						
	0416	39							
	0430		155						
	0435	30							
	0457	20							
	0500		277						
	0518	10							
	0530		637						
	0535	1							
770A	0539	1A							
	0552	6A							
END 770A	0554								
769A	0602	1A		290°/	120	98/50			
	0610	4A							
END 769A	0612								
768A	0618	1A		015°/					
	0630		803						
	0638	10A							
	0654	14A							
768	0700		738.8						CHECK NAVIGATION ERROR AT START OF 768
	0708	69		018°/					
	0730								
	0735	60							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
768	158/0756	50		018°/					
	0800								
	0814	40							
	0830		206.3						
	0832	29							
	0854	19							
	0900		111						
	0930		86.3						
	0959	15	49.5						BACK ON LINE 768
	1000								MAGS.
	1013	10							
END 768	1020								CHECK NAVIGATION ERROR
767	1026	6		254°/	120	98/40			
	1030								
END 767	1040	1							
766	1042			202°/4.6KT					
	1043	6.2							
	1047	60							
	1100		65.6						
	1130		108.0						
	1137	38							
	1158	30							
	1200		225						
	1214								UNBOOM DOWN, DEEP WATER
	1222	20							
	1230		364						
	1248	10							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
766	158/1300		668	202°/4.6kt					
END 766	1309								
	1309.5	1							
765	1316	4		295°					
END 765	1319	2							
764	1326			021°/5.2kt					
	1330								
	1331	63	705						
	1336	60							
	1355	50							
	1400								
	1402		461						
	1410	40							
	1429	30							
	1430		180	5.5kt					
	1431								UNIBOOM ON
	1448	20							
	1500		165						
	1510	10							
	1517	7							
END 764	1521								
763	1527	11		248°					
	1530		30						
END 763	1546	1							
762	1550	48		209°					
	1600		86		120	98/50			
END 762	1615	38							120KS. DOWN FOR ELECTRODE CHANGE

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
796	158/1618			112°					
	1620	39							
	1630		112		120	98/50			
	1634								
	1646	30							
	1700		97.5						
	1710	20							
	1730		90.8						
	1735	10							
	1755	2							
	1758								
795	1800		98	044°					CHANGE COURSE TO 044 INCREASE SPEED TO 6KT
	1814	60							
	1830		81						
	1831	50							
	1849	40							
	1900		90						
	1906	30							
	1930		352.5						
	1940	9							
END 795	1945	6							SPEED RUN
795A	1955	1		233°	90				CHANGED TO 90 KJ
	2000								
	2020	10							
	2030								CHANGE BIG STREAMER, CHANGE COURSE TO 795C
795B	2042	1		258°/1kt					INCREASE AND DECREASE SPEED FOR BOAT
	2100		58.1						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
END 769	155/2106	8							BEGIN 768 RERUN
768	2107			202°/	90	98/50			
	2111	21							UNIBOOM ON
	2130		92.3						
	2134	30							
	2150								CHANGE PAPER OF HIGH-RESOLUTION
	2158	40							
	2200		150						
	2230								
	2232	54							
	2248	60							
	2300								FATHOMETER OFF
	2318	73							
END 768	2325								
	2330		937.5						
768A	2333			356°/					
	2334	1							
	158/0000		525	356°/7.2KT					
	0001	10							
	0030		398						
	0034	20							
END 768A	0043	23							
762	0054			209°/4.5KT					
	0055	34							
	0100		203						
	0104	30							
	0124								

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
762	159/0130		412	209°/4.5KT					CHANGE COURSE 30°
	0142	20							
	0200	10	398						
	0218	1							
762A	0219								
	0230		368						
END 762A	0235	6							
761	0301			299°/					
	0317	47							
	0330		630						
	0338	40							
	0343								END OF TAPE
	0400		427						
	0406	30							
	0430		390						
	0431	20							
	0453	10							
	0500		97.5						
	0507	4							
759	0512	7							
	0519	4							
END 759	0520								CHANGE COURSE
758	0523			209°/					
	0530		112		120	98/50			
	0534	30							
	0554	20							
	0600		418						

SEISMIC LOG

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Vessel: _____ Chief Sci.: _____

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LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
755	159 / 0682	10		208°	120	98/50			
	0630		540						
	0631	1							
	0633	1A							
END LINE	0643	5A							CHANGE COURSE
757A	0647	1A							
END 757A	0658	5A							
	0700								MAGS.
756A	0704	1A	712	027°					
END 756A	0718	6A							
756	0719	41							
	0730		487.5						
	0748	28							
	0800		416.3						
	0804	20							
END 756	0829	10	73.5						
755	0835	6		289°					
END 755	0841								
754	0847	27		208°					
	0900		153.8						
	0905	20							
	0930		472.5						
	0933	8							
END 754	0946	1							
754A	0947	1A							
	1000		547.5						
	1012								100 LONG PHONES

SEISMIC LOG

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LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
754A	159 / 1013	10							
	1030		712.5						
END 754A	1036	17							
753A	1043	1		296°	120	98/50			
END 753A	1047	3							
752A	1055	1		026°					
	1100		682.5						
	1122	10							
	1130		555						
752	1132	37							
	1137								
	1149	29							
	1200		248						
	1209	20							
	1210								
END 752	1230 / 1236	— —	73						BROAD TURN FOR LINE 750 (NO LINE 751)
750	1245			210°					
	1300		120						
	1313								NAVIGATION FROM RHEAR CO. TRANSPONDER IN CONTACT TILL 1321
	1321	13							
END 750	1330 / 1332	— 1	420						
749	1356			300°					
	1356.5	6							
	1400		518						
END 749	1403	2							
748	1408			030°					
	1409	41							

SEISMIC LOG

Location: _____ Date: _____
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LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
END 741A	160 / ~~0044~~	4			120	98/50			
740A	0050	1		029°					
	0100								
	0104	5A	1364						
740	0122	85							
	0130		975						
	0138	79							
	0159	70							
	0200		739						
	0223	60							
	0230		645						
	0244	50							
	0300		371						
	0307	40							
	0330	30	110						
	0352	20							
	0400		85						
	0414	10							
END 740	0416								
739	0419	7		305°					
	0427	3							
END 739	0428								
	0430								
738	0432			210°					
	0433	58							
	0450	50							
	0500		96.7	4.5kt					

SEISMIC LOG

Location: _____ Date: _____
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LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
	160 / ~~0512~~	40		4.5kt	120	98/50			
	0530		159.7						
	0534	30							
	0555	20							
	0600		450	210° / 4.5kt					
	0617	10							
	0630		840						
	0631	3							
END 738	0633								737 NOT RUN DUE TO SHIPPING TRAFFIC
736	0654								
	0658	60							
	0700		750	030°					
	0722	50							
	0730		517.5						
	0745	40							
	0800		390						PRONOUNCED MAG. LOW
	0808	29							
	0830		112.5						
END 736	0851	10							
735	0858	7		278°					
END 735	0900		63.8						
734	0909	54		212°					
	0917	50							
	0930		112.5						
	0936								
	0958	30	236.3						
	1022	20							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
734	160 / 1030		525	212°	120	98/50			
	1037								
	1053	7							
	1100		870						
	1108	1							
734A	1114	2							
	1130		1429						
END 734A	1138	10							
733A	1140	1		318°					
END 733A	1149	4							
732A	1153	1		033°					
	1200		1444						
	1215	8							
END 732A	1218								
732	1220	57							
	1224								SINCE 1212 MANUVERING TO GET ON COURSE
	1230		833						
	1238								CHANGE PROGRAM
	1247	47							
	1253	40							
	1300		383	5KT					
	1308	30							
	1330		131	4.7KT					
	1334	20							
	1340								
	1343	16							
	1356	10							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
732	160 / 1400	8	83	033° / 4.1KT	120	98/50			
731	1405			Sci°					
	1406	7							
730	1430		98						
	1443	40							
	1500		169						
	1505	30							
	1528	20		212°					
	1530		457						
	1551	10							
	1600		840						
	1612	1							
	1615	1A							
	1630		1387						
	1642	10A							13C K DOWN FOR ELECTRICAL CHA
END 730A	1643								
728A	1703	1A		033°					
	1726	9A							
728	1728	53							
	1730		1013						
	1733	50							
	1752	40							
	1800		503						
	1817	30							
	1830		218						
	1840	20							
	1900		103						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
728	160/1951	10		033°	120	98/50			
END 728	1912	4							
727	1917	1		207°					
END 727	1925	2							
726	1930		72	212°					
	1938	31							
	2000		167						
	2003	20							
	2027	10							
	2030		412.5						
END 726	2047	1							
726A	2049	1A							
	2054								CHANGED TO 3/4. DIDN'T WORK SO CHANGED BACK TO EDGE
	2100		825						
	2110				90				
	2116								CHANGED TO CENTER ICBY
	2118	11							CHANGED TO EDGE
	2130		1500						CHANGED TO 3/4.
	2135								CHANGED TO EDGE
END 726A	2142	19							
25A	2150	1A		305°					
END 25A	2153	2A							
24A	2200	1A	1695						
	2229	10	1313						
	2230								MAGS.
	2235								100 PHONES
	2300		652.5						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
724A	160/2310			034°					RADAR ONLY TILL 2355
	2311	27							
	2330		285						
	2346	10							
	161/0000		94						
END 724A	0002	3							
724B	0012			275°					
	0013	1							
	0030		90						
	0041	10							
	0100		105						
	0110	20							
	0130		135						
	0142	30							
	0200		353						UNDERWAY OFF-DEEP H2O
	0213	40							
	0230		731						
	0243	50							
	0300		1350						
	0305	57							
	0314	60							
END 724B	0316								
798	0320	1							
END 798	0324	2							
797	0325			121°					
	0326	161							
	0330		735		120	98/40			

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
97	161 / 0354	150		121°	120	98/40			
	0400		728						
	0419	140							
	0431		773						
	0442	130							
	0500		360						
	0506	120							
	0530	110	285						
	0553	100							
	0600		120						
	0616	90							
	0630		112						
	0700		112						CHANGE TO 60 KJ
	0730		116		60	98/40			CHANGE TO 120 KJ
	0800		173		120	98/40			
	0820	39							
	0830		112						
	0843	29							
	0900		112						
	0917	15							
	0930	10	195						RADAR NAVIGATION TILL 1127
END 797	0959	2							
796	0952	80		112°					
	1000		210						
	1030		243						
	1100		218						
	1108	47							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
END 796	161 / 1125								
812B	1127	1		061°					
	1130		113						
	1159	10							
	1200		60						
	1230		30						
	1233								RADAR NAVIGATION
	1300		26						
	1305								UNBOOM OFF (PAPER CHANGE)
	1322								UNBOOM OFF (PAPER CHANGE)
	1330		23						
	1332	20							
	1359.5	30							
	1400		71						
END 812B	1416								
812A	1417			017°					
	1419	1							
	1430		75						
812	1446								
	1500		19						
END 812	1511								
811	1514			302°					
	1530								
END 811	1532								
810	1538			198°					
	1600		30		120	98/50			
	1630		65						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
810	161/1700		66	198°	120	98/50			
END 810	1707								
	1730								
808	1740			032°					
	1800		33						
	1830		32						
END 808	1836								
807	1838			308°					
END 807	1858								
806	1902								
	1930		39						
END 806	2000		34						
	2030		21						
END 805	2038								
804	2045			010°					
	2055	7							SIDE SCAN ON
	2107	2							
804A	2111	1							
	2117	3							
814	2123	1		043°					
	2141	10							
	2204	20	75						
	2229	31							
	2230		97						
	2232								UNIBOOM DOWN (PAPER CHANGE)
END 814	2238	35							
814A	2242			120°					

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
814A	161/2242.5	1		120°					
	2253								UNIBOOM DOWN SINCE 2232, PAPER CHANGE
	2255								UNIBOOM DOWN FOR PHONE CALL
	2300		101						
	2306								UNIBOOM DOWN SINCE 2255
	2310	10							
	2330		79						ON MAIN AMPLIFIER
	2334	20							
	2340	23							
END 814A	2341								
830	2345			020°					
	2347	3							
	162/0000		94						
	0008	11							
	0030		173						
	0031	20							
	0048	28			120	98/50			START TURN
END 830	0055								
831	0111			223°					
	0113	4							
	0130	10	218						GO TO 2 SEC SWEEP 3 SECOND SWEEP AFG. SEQUENCE FIRE
	0152								
	0200		94		60	98/50			
	0201	20							
	0230	30	98						
END 831	0248	36							UNIBOOM DOWN FOR FAST RUN
	0249								

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
832	162/0256			313°					
	0300		75						
	0304	1							START SPEED INCREASE FOR FAST RUN
	0459	41							
	0500								
END 832	0504	43							
833	0516	1		011°					
	0530		393.7		120	98/50			
	0537	10							
	0558	20							
	0600		353						
	0622	30							
	0630		195						
	0644	40							
	0700		57						
END 833	0704	50							
834	0706			089°					
	0707	2							
END 834	0710	3							
835	0715	4		184°					
	0727	10							
	0730		74						
	0747	20							
	0800		300						
	0809	31							
	0829	40	409						
END 835	0855	51							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
836	162/0901	2	450	080°					
END 836	0905	4							
837	0909	2							
	0924	10							
	0930		435						
	0945	21							
	1000		255						
	1002	30							
	1022	40							
	1030		68						
END 837	1038	49							
838	1042	2		089°					
END 838	1047	5							
839	1051	8		184°	120	98/50			
	1057	10							
	1100		67						
	1123	20							
	1130		210						
	1145	30							
	1200		434						
	1209	40							
	1230		473						
	1232	50							
	1237	52							
END 839	1238								
840	1242			092°					
	1243	2							

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
840	162 / 1259	10		042°	120	98/50			
	1300		508						
END 840	1318	19							
841	1322	2							
	1324	3							
	1330		525	003°					
	1335.5	10							
	1353	20							
	1400		329						
	1411	30							
	1412								UNIBOOM ON
	1427								ON RADAR
	1430		75						
	1445								UNIBOOM OFF (PAPER CHANGE)
END 841	1446								
842	1450	2		103°					
END 842	1456	5							
	1500		52						
843	1501			183°					UNIBOOM OFF (PAPER CHANGE) SINCE 1445
	1504	12							
	1530		97						
	1540	20							
	1600		360						
	1601	30							
	1612	35							
END 843	1613								
844	1616			091°					

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
844	162 / 1618	2		091°	120	98/50			
	1624	5							
END 844	1625								BIG GUN DOWN FOR ELECTRODE CHANGE DURING LINE
845	1629	3							
	1630		450	003°					
	1641	10							
	1700		368						
	1702	20							
	1725	30							
	1730		49						
	1732	33							
END 845	1733								
846	1737			094°					
	1743	6							
END 846	1745								
847	1747			183°					
	1748	4							
	1800	10	60						
	1821	20							
	1830		113						
	1852	30							
	1900		109						
END 847	1907	36							
848	1913	3		086°					
END 848	1921								
849	1925	2		001°					
	1930		450						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
849	162/1945	11		001°	120	98/50			
	2000		82						
END 849	2029								
850	2032			090°					
END 850	2036								
851	2040			182°					CHANGE PAPER
	2100		67						
	2105	19							
	2130		315						
	2134	31							
END 851	2148	37							
852	2154	2		086°					
END 852	2200	6	495						
853	2206	2		002°					
	2227	11							
	2230		195						
	2250	21							
	2300		53						
END 853	2308	30							
854	2316			113°					
	2317	3							
END 854	2325	7							
855	2328			189°					
	2330		47						
855A	2335	1							
END 855A	2355	11							
	163/0000		165						TURNING

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
855B	163/0002	1		335°	120	98/50			
	0016	8							
	0030		60						
	0036								
END 855B	0039								
856	0041	1							RADAR NAVIGATION
	0100		56						
	0130		68						
	0140	20							
	0200		75						
	0211	30							
	0241	40							
	0245	55							1st TRANSPONDER FIX
	0300		75						
	0303	61							
	0323	70							
	0330		75						
	0348	81							
	0400		63.7						
END 856	0404								CHANGE COURSE
857	0410								
	0411	8							
END 857	0420	12							CHANGE COURSE
858	0434			099°					
	0436	.5							
	0447	10							
	0500		210						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
858	163/0510	20		099°	120	98/50			
	0530		217						
	0533	30							
	0555	40							
	0600		217						
	0618	50							
	0630		210						
	0640	60							
	0701	70	188						
	0722	80							
	0730		225						
	0748	93							
	0800		101						
	0803	100							
	0823	110							
	0830		75						CHANGE PAPER HIGH-RESOLUTION
	0843	120							
	0900		75						
	0905	130							
	0927	140							
	0930		75						
	0951	151							
	1000		68						
	1010	160							
END 858	1024	167							
858A	1028	1		199°					
	1030		56						

SEISMIC LOG

Location: _____ Date: _____
Vessel: _____ Chief Sci.: _____

Deep-penetration seismic records were run at ___ sec sweep and ___ sec firing rate except as noted in remarks column. High-resolution records were run at 1/4 sec sweep and 1/4 sec firing rate.

LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
858A	163/1056	10		199°	120	98/50			
858A	1100		56						
	1125	20							
	1130		69						
	1158	30							
	1200		79						
	1229.5	40							
	1230		75						
	1300		60						
	1330		45						
	1400		27						
	1417	68							
	1429			11.5 Kt					SPEED INCREASED
	1430		22						
	1449	80							
	1500		15	4.6 Kt					
	1516	90							
	(APPROACHING LINE 855D VEDDER R/V KELEZ, NOVEMBER 1973, JULIAN DAY								
	323. CONTINUATION OF LINE 855)								
855D	323/0823		525	326°	8.5	125/40			
	0832				8.5				CHANGING COURSE SHOT BY UNDERCAT OFF LINE STEAD W. MS
	0838			326°					TIME CHECK (CAN'T INTL. FAST) CLOCK RESET WITH SHIP TIME
	0845		480						
	0900		480	3.2 Kt					SCALE CHANGE 0.5-1.5
	0906								CHANGE COURSE

SEISMIC LOG

Location: _____ Date: _____
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LINE NO.	DATE / TIME	SHOT POINT	WATER DEPTH IN METRES	COURSE / SPEED	D.P. SEISMIC POWER KJ	D.P. SEISMIC FILTER H/L	HI-RES SYSTEM POWER JOULES	HI-RES SYSTEM FILTER H/L	REMARKS
855E	333/0910		450	000°/	8.5	125/40			
	0913			000°/4.0kt		125/50			CHANGE FILTERS
	0915		435						
	0918								CHANGE FILTERS
	0930		397			160/63			UNIBOOM TOO DEEP
	0941								UNIBOOM ON LINE
	0945		90						
855E	1000		68						NOTE: JULIAN DAY ON MAGGIG WRONG - READS 328.
	1015		30						MISFIRE ON MAIN SYSTEM
END 855E	1020								
855C	1051		49	180°/4.0kt	60	76/40			
	1100		68						
	1115		157						
	1118								UNIBOOM SECURED TOO DEEP
	1145		413						
	1154		END	CRUISE					