

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN</b>	COUNTY <b>MONROE</b>	DATE <b>3-20-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Cloudy - Warm</b>		LINE NO. <b>1</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60~	
1 933	PULSE TEST	1 - 6 SEC.				265	Out	Out	RECORDER SET UP BETWEEN STA'S 272 & 273
2 934	EIMI	2 - " "							DOING SECTION OF LINE #1 SKIPPED DUE TO BAD WEATHER CONDITION (STA'S 310-318)
3 936	DRD	4 - " "							
4 953	SUM. TEST	2 - " "							
5 954	NRJ. TEST	2 - " "							
6 890	SIMILARITY	1 - 31 SEC.		4				50%	
7 001	WIND STRIP	1 - 6 SEC.							CHECKING WINE
8 002	310	207 - 302	7					70%	1-96 CORRELATION MADE ON FILE #003
9 003	312	209 - 304	9						
10 004	314	211 - 306	11						
11 005	316	213 - 308	13						RAW SWEEP MADE ON FILE #005
12 006	318	215 - 310	15						
13 007	320	217 - 312	17						
14 008	322	219 - 314	19						
15 009	324	221 - 316	21						
16 010	326	223 - 318	23						
17 011	328	225 - 320	25						
18 022	330	227 - 322	27			265			E.O.F. #012 ON REEL #265, B.O.F. #013 (WIND STRIP) ON REEL #266
19 014	332	229 - 324	29			266			FILE #900 - 10 SEC. ALL ONE'S
20									
21									
22									FINISHED FOR THE DAY
23									
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>		SWEEP PATTERN <b>16</b>		SWEEP PATTERNS PER SETUP <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-4100 1-4900</b>	TYPE GEOPHONE <b>ETL - EV 23</b>	FREQUENCY <b>25 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER/JO <b>SIMMONS/KRAMER</b>	PARTY MGR.	

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DIGITAL VIBROSEIS RECORDER

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Gedsource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN LINE #1</b>	STATE <b>TENN</b>	COUNTY <b>MONROE</b>	DATE <b>3-10-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>OVERCAST + RAINING</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	GDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	GO ~	STOP	
1	933 Pulse Test	1 — 6Sec		5		260	006	006		RECORDER SET UP BETWEEN ST. 740 + 741
2	ETNT	2 — " "								B.O.F. 308 ON REEL # 260 FILE # 20-10 SEC PIONEER
3	DRD	4 — " "								
4	Sum Test	2 — " "								STARTING TO RAIN
5	NRT-Test	2 — " "								
6	890 Similarity	1 - 31Sec							50%	
7	308 Wind Strip	1 — 6Sec							70%	CHECKING LINE
8	308 786	683-778	15							1-96 CORRELATION MADE ON FILE # 308
9	309 788	685-780	17							
10	310 790	687-782	19							RAIN + LEAKAGE INCREASING
11	311 792	689-784	21							
12	312 794	691-786	23							VP # 794 STACKED ON FIRST HALF DUE TO HOUSE
13	SKIP 796	693-788	25							VP # 796 SKIPPED DUE TO HOUSE
14	313 798	695-790	27							VP # 798 STACKED ON FIRST HALF DUE TO HOUSE
15	SKIP 800	697-792	29							VP # 800 SKIPPED DUE TO HOUSE
16	314 802	699-794	31							3 RAW SWEEPS MADE ON FILE # 314 (1-28 FOR DR. KAUFMAN) 2/28/79 FOR QUALITY CONTROL
17	315 804	701-796	33							DOWN FOR THE DAY DUE TO VIBRATORS MAKING RUTS IN ROAD AND LEAKAGE AND INCREASING GROUND CURRENT.
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>MDS-10</b>
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-Y100 1-1900</b>	TYPE GEOPHONE <b>ETL-EV2B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS				OBSERVER <b>Simmons/KRAMER</b>	PARTY NO.

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE # 1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>3-21-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>MOUNTAINOUS</b>	WEATHER <b>CLOUDY - OVERCAST</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	50 ~	50 ~	
1	933	PULSE TEST	1			266	Out	Out		RECORDER SET UP BETWEEN STA'S 300 & 301
2	934	EINT	2							DOING SECTION OF LINE # 1 SKIPPED DUE TO BAD
3	935	DRD	4							WEATHER CONDITIONS. (STA'S 310-360). RAIN OVER-
4	936	SUM TEST	2							NITE CAUSEING HIGH GROUND CURRENT.
5	937	NRI TEST	2							STA # 339 OPEN DUE TO BRIDGE.
6	890	Similarity	1						50%	
7	015	Wind Strip	1							CHECKING LINE
8	016	334	231		3				70%	1-96 CORRELATION MADE ON FILE # 016
9	017	336	233		5					
10	018	338	235		7					VP 338 STACKED ON FIRST HALF DUE TO BRIDGE
11	019	340	237		9					VP 340 " " LAST " " " "
12	020	342	239		11					
13	021	344	241		13					
14	022	346	243		15					
15	023	348	245		17					
16	024	350	247		19					
17	025	352	249		21					
18	026	354	251		23					EOF # 026 ON REEL # 266
19	028	356	253		25					BOF # 028 (WIND STRIP) ON REEL # 267. FILE # 900 - 10 SEC. ALL ONE'S
20	029	358	255		27					1-96 CORRELATION MADE ON FILE # 028
21	030	360	257		29					
22	031P	362	259		31					VP # 362 SKIPPED DUE TO BRIDGE
23	031	364	261		33					3 RAW SWEEPS FOR DEKAUTMAN. 2 FOR QUINCY (CORRAL) MADE ON FILE # 031
24	032	366	263		35					
25	033	368	265		37					EOF # 033 ON REEL # 267. FINISHED LINE # 1

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz.</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-4100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>25 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS				OBSERVER <b>SIMMONS/KRAMER</b>	PARTY MGR.

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Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>3-12-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R		REMARKS
							LOCUT	50~	
1 <del>899</del>	Pulse Test	1 - 6 Sec.				260	Out	Out	RECORDER SET UP BETWEEN STA'S 7724 773
2 <del>934-935</del>	EINT	2 - " "							
3 <del>936-939</del>	DRD	4 - " "							
4 <del>939-952</del>	Sunn Test	2 - " "							
5 <del>952-961</del>	NRT Test	2 - " "							
6 890	Similarity	1 - 31 Sec.		5				50%	
7 316	Wind Strip	1 - 6 Sec.							CHECKING LINE
8 317	806	705 - 798	3					70%	1-96 CORRELATION MADE ON FILE # 317
9 318	808	705 - 800	5			260			EOF # 318 ON REEL # 260
10 SKIP	810	707 - 802	7			261			BOF # 319 ON REEL # 261. FILE # 900-10 SEC. ALL ONE'S
11 319	812	709 - 804	9						VP # 810 SKIPPED DUE TO HOUSE
12 SKIP	814	711 - 806	11						VP # 814 SKIPPED DUE TO HOUSE
13 320	816	713 - 808	13						VP # 816 STACKED ON FIRST RAW SWEEP MADE ON FILE # 320
14 SKIP	818	715 - 810	15						VP # 818 SKIPPED DUE TO HOUSES
15 SKIP	820	717 - 812	17						VP # 820-828 SKIPPED DUE TO HOUSE, TRAILERS, & BARN
16 SKIP	822	719 - 814	19						
17 SKIP	824	721 - 816	21						
18 SKIP	826	723 - 818	23						
19 SKIP	828	725 - 820	25						
20 321	830	727 - 822	27						
21 SKIP	832	729 - 824	29						VP # 832-840 SKIPPED DUE TO HOUSES
22 SKIP	834	731 - 826	31						
23 SKIP	836	733 - 828	33						
24 SKIP	838	735 - 830	35						
25 SKIP	840	737 - 832	37						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>		SWEEP PATTERN		SWEEPS PER PATTERN <b>16</b>	
SWEEP PATTERNS PER SETUP		PATCH PATTERN <b>112233 X 332211</b>			
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-41100 1-4900</b>	TYPE GEOPHONE <b>ETH-EN228</b>	FREQUENCY <b>25 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER/TO <b>SIMMONS/KRAMER</b>	PARTY MGR.	

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CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>3-12-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR</b>		LINE NO. <b>1</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP/SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60 ~	
1	842	739 - 834	39	5		2161	Out	Out	VP# 842 SKIPPED <del>Due to houses</del> Due to houses
2	844	741 - 836	41						VP# 844 - 850 SKIPPED Due to houses
3	846	743 - 838	43						
4	848	745 - 840	45						
5	850	747 - 842	47						RECORDER MADE Sta # 778 OPEN (Running it Down Now)
6	852	749 - 844	15						RECORDER SET UP BETWEEN STA'S 806 & 807
7	854	751 - 846	17						
8	856	753 - 848	19						1-96 CORRELATION MADE ON FILE # 824
9	858	755 - 850	21						VP# 858 & 860 SKIPPED Due to houses.
10	860	758 - 852	23						
11									FINISHED FOR THE DAY
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233x332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-4100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22G</b>	FREQUENCY <b>75 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER/TO <b>SIMMONS/KRAMER</b>		PARTY MOR. <b>E → W</b>		

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CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>3-13-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R		REMARKS
							LOCUT	60 Hz	
1 933	Pulse Test	1 - 6 Sec.				261	Out	Out	RECORDER Set up BETWEEN STA'S 824 & 825
2 934	EINI	2 - " "							
3 935	DRD	4 - " "							POWER LINE to Wind Mill CROSSING LINE AT STA'S 793 & 794 CAUSING high GROUND CURRENT, USE OF HEAVY MACHINERY AT WIND MILL CAUSING PHASE.
4 936	Sum Test	2 - " "							
5 937	NRJ Test	2 - " "							
6 890	Similarity	1 - 31 Sec.		5					50% Shift in GROUND CURRENT.
7 325	Wind Strip	1 - 6 Sec.							Checking line
8 326	862	759 - 854	7						70% 1-96 Correlation MADE ON FILE # 326
9 327	864	761 - 856	9						
10 328	866	763 - 858	11						
11 329	868	765 - 860	13						Wind picking up (Front Moving in)
12 330	870	767 - 862	15						
13 331	872	769 - 864	17			261			EOF # 331 ON REEL # 261
14 333	874	771 - 866	19			262			BOF # 332 (Wind Strip) ON REEL # 262. FILE # 900-10 SEC. ALL LINE'S 1-96 Correlation MADE ON FILE # 333
15 334	876	773 - 868	21						
16 SKIP	878	775 - 870	23						V.P.'s 878-882 SKIPPED Due to houses
17 SKIP	880	777 - 872	25						
18 SKIP	882	779 - 874	27						
19 335	884	781 - 876	29						
20 336	886	783 - 878	31						
21 337	888	785 - 880	33	4					VIB # 12.666 Down Due to BROKEN Bolts ON SHAKER Legs
22 SKIP	890	787 - 882	35						
23 SKIP	892	789 - 884	37						V.P.'s 890 & 892 SKIPPED Due to Houses
24 338	894	791 - 886	39						V.P. 894 Stacked ON LAST HALF Due to House
25 339	896	793 - 888	41						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-41100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>25 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER/JO <b>SIMMONS/KRAMER</b>		PARTY MGR.		

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CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>3-15-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLS</b>	WEATHER <b>CLEAR</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60 ~	
1 933	PULSE TEST	1 — 6 SEC				262	Out	Out	RECORDER SET UP BETWEEN STA'S 929-880
2 934	EINI	2 — " "							VIB #1266 DOWN DUE TO BAD MASS SHAFT.
3 935	DRD	4 — " "							FIELD EXTREMELY WET DUE TO RAIN YESTER-
4 936	SUM TEST	2 — " "							DAY.
5 937	NRI TEST	2 — " "							WIND PICKING UP.
6 890	SIMILARITY	1 — 31 SEC		4				50%	
7 342	WIND STRIP	1 — 6 SEC							CHECKING WINE
8 343	916	813 — 908	6					70%	1-96 CORRELATION MADE ON FILE #343
9 344	018	815 — 910	8						
10	SKIP	920	817 — 912	10					VP #920 SKIPPED DUE TO HOUSE
11	SKIP	922	819 — 914	12					
12	SKIP	924	821 — 916	14					VP'S 922-936 SKIPPED DUE TO HOUSES, BARNES,
13	SKIP	926	823 — 918	16					Etc.
14	SKIP	928	825 — 920	18					
15	SKIP	930	827 — 922	20					
16	SKIP	932	829 — 924	22					
17	SKIP	934	831 — 926	24					
18	SKIP	936	833 — 928	26					
19 345	938	835 — 930	28			262			EOF #345 ON REEL #262
20	SKIP	940	837 — 932	30		263			BOF #346 (WIND STRIP) ON REEL #263. FILE #900-10 SEC ALL ONE'S
21	SKIP	942	839 — 934	32					
22	SKIP	944	841 — 936	34					VP'S 940-946 SKIPPED DUE TO HOUSE
23 347	946	843 — 938	36						1-96 CORRELATION MADE ON FILE #347
24 348	948	845 — 940	38						VP #948 STACKED ON FIRST HALF DUE TO HOUSE.
25	SKIP	950	847 — 942	40					

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>#-41100 1-9000</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>251 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVED TO <b>SIMMONS/KRAMER</b>		PARTY MGR.		

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CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>3-15-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLU</b>	WEATHER <b>CLEAR</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	COP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60 ~	
1	SKIP	849 - 944	42	4		263	Out	Out	
2	SKIP	851 - 946	44						V.P.'s 950-958 SKIPPED DUE TO HOUSES
3	SKIP	853 - 948	46						
4	340	855 - 950	48						RECORDER MOVE
5	350	857 - 952	6						RECORDER SET UP BETWEEN STR.'S 9234 924
6	SKIP	859 - 954	8						V.P. 962 SKIPPED DUE TO HOUSE
7	351	861 - 956	10						RAW SWEEP MADE ON FILE #960.
8	SKIP	863 - 958	12						V.P. #966 SKIPPED DUE
9	352	865 - 960	14						V.P. #968 STACKED ON LAST HALF DUE TO HOUSE
10	353	867 - 962	16						
11	SKIP	869 - 964	18						
12	"	871 - 966	20						
13	"	873 - 968	22						
14	"	875 - 970	24						
15	"	877 - 972	26						
16	"	879 - 974	28						
17	"	881 - 976	30						
18	"	883 - 978	32						
19	"	885 - 980	34						
20	"	887 - 982	36						
21	"	889 - 984	38						
22	"	891 - 986	40						
23	"	893 - 988	42						
24	"	895 - 990	44						
25	SKIP	897 - 992	46						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>		SWEEP PATTERN		SWEEPS PER PATTERN <b>16</b>	
SWEEP PATTERNS PER SETUP		PATCH PATTERN <b>112233X332211</b>			
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-41100 1-3900</b>	TYPE GEOPHONE <b>ETL-EV22</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVED BY <b>SIMMONS/KRAMER</b>	PARTY MGR.	

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CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN</b>	COUNTY <b>MONROE</b>	DATE <b>3-16-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR-COOL</b>		LINE NO. <b>1</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	/NO VIB	AMP GAIN	TAPE RL. NO.	F L T E R		REMARKS
							LOCUT	GO ~	
1	933 Pulse Test	1 - 6 Sec.				263	Out	Out	RECORDER SET UP BETWEEN STA'S 977 & 978
2	935 E.J.M.	2 - " "							Hiway Crosses Line at Sta. 987 & 988 (Hiway # 411)
3	937 DRD	4 - " "							HEAVY TRAFFIC
4	939 Sum Test	2 - " "							
5	940 NRI Test	2 - " "							
6	890 Similarity	1 - 31 Sec.		4					50%
7	354 Wind Strip	1 - 6 Sec.							Checking Line
8	355 1016	913-1008	8						70% 1-96 Correlation Made on File # 355
9	356 1018	915-1010	10						UP# 1018 Stacked on First half
10	SKIP 1020	917-1012	12						UP# 1020 Skipped Due to house
11	357 1022	919-1014	14						UP# 1022 Stacked on last half
12	358 1024	921-1016	16						5 Raw Sweeps (for Dr. Kaufman 2/1-4-79 for Quality Control) Made on File # 359
13	359 1026	923-1018	18			263			EOL# 359 on Reel # 265
14	361 1028	925-1020	20			264			BOF# 361 (Wind Strip) on Reel # 264. File # 900-10 Sec. All One's
15	SKIP 1030	927-1022	22						1-96 Correlation Made on File # 361
16	SKIP 1032	929-1024	24						UP# 1030-1034 Skipped Due to houses
17	SKIP 1034	931-1026	26						
18	362 1036	933-1028	28						
19	363 1038	935-1030	30						
20	364 1040	937-1032	32						
21	365 1042	939-1034	34						
22									
23	E.O.L. #1								
24									FINISHED FOR THE DAY
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-41100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>75 Hz</b>	STATION INTERVAL <b>200'</b>
REMARKS	OBSERVER/TO <b>SIMMONS/KRAMER</b>		PARTY MOR. <b>E. → W.</b>		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN LINE #1</b>	STATE <b>TENN</b>	COUNTY <b>MONROE</b>	DATE <b>3-15-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLV</b>	WEATHER <b>CLEAR.</b>		LINE NO. <b>1</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	25 Hz	
1	Skip 1002	898-994	48	4		213	Out	Out	70%	VP: 974-1014 SKIPPED DUE TO HOUSE'S, BARN'S, CHURCHES, HIGHWAY #411 (CROSSING BETWEEN STA. 987 & 988), ETC.
2	" 1004	900-998								
3	" 1006	903-998								
4	" 1008	905-1000								
5	" 1000	907-1002								
6	" 1012	909-1004								
7	Skip 1014	911-1006								
8										FINISHED FOR THE DAY
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz.</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233 X 332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-41100 1-4000</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVED TO <b>SIMMONS/KRAMER.</b>			PARTY MGR.	LINE DIR. 1 TO 24 <b>E. → W.</b>

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.-NC.</b>	COUNTY <b>MORROW</b>	DATE <b>1-5-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Mountians</b>	WEATHER <b>COLD - Snow</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL NO.	FILTER			REMARKS
						LOCUT	60~	75 Drive	
1 933	Pulse Test	1 - 6 SEC.							RECORDER SET UP BETWEEN STA'S STARTING NEW LINE #1, TENN. DUE TO LINE ACCESSABILITY OF FIRST OF LINE WILL BE STARTING VIBRATION STA #60 WITH SPLIT SPREAD, 16 STA. GAP, 8 STA. GAP EITHER SIDE OF VIB. VIB #12666 DEWIND 50% DUE TO BLOWN ENGINE. STA'S 1-61 IN NC., CHEROKEE COUNTY. NOISE ON LINE DUE TO CLOSE PROXIMITY OF RIVER 70% TO LINE. 1-96 CORRELATION MADE ON FILE #002 STA'S 87-101 NOISE DUE TO FALLS & RAPIDS IN RIVER
2 934	EJN1	2 - " "							
3 936-939	DRD	4 - " "							
4 933-934	Sum Test	2 - " "							
5 910/961	NRJ TEST	2 - " "							
6 890	Similarity	1 - 31 SEC.		4					
7 001	Wind Strip	1 - 6 SEC.							
8 002	60	1-52 68-111	1						
9 003	61	1-53 69-111	1						
10 004	62	1-54 70-111	1						
11 005	63	1-55 71-111	1						
12 006	64	1-56 72-111	1						
13 007	65	1-57 73-111	1						
14 008	66	1-58 74-111	1						
15 009	67	1-59 75-111	1						
16 010	68	1-60 76-111	1						
17 011	69	1-61 77-111	1						
18 012	70	1-62 78-111	1						STARTING TO SNOW E.O.F. #012 ON REEL #221. RAW SWEEP MADE ON FILE #012. B.O.F. #013 (WIND STRIP) ON REEL 222. FILE 910-10 SEC. ALL ONE'S 1-96 CORRELATION MADE ON FILE #014. SNOWING HARDER.
19 014	71	1-63 79-111	1						
20 015	72	1-64 80-111	1						
21									
22									FINISHED FOR THE DAY.
23									
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>MDS-10</b>
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233 X 332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-91100 1-4900</b>	TYPE GEOPHONE <b>ETH-EV223</b>	FREQUENCY <b>25 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER <b>SIMMONS/KRAMER</b>		PARTY MGR.		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENNY. LINE # 2 (ONE)</b>	STATE <b>TENN. - NC.</b>	COUNTY <b>CHEROKEE &amp; MADISON</b>	DATE <b>1-8-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Mountainous</b>	WEATHER <b>COLD-SNOW-</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	START TIME	TAPE RL. NO.	F L T E R	REMARKS
1	933 Pulse Test				9:00	222	Out Out	RECORDER SET UP BETWEEN STA'S 724-73
2	934 EINI							TRAVEL ADVISORIES OUT NORTH OF LINE FOR SNOW & SLEET. FRONT MOVING THIS WAY. WILL WORK UNTIL/IF CONDITIONS WORSEN. SNOWING MODERATELY NOW. NOISE WHERE LINE IN CLOSE PROXIMITY TO
3	935 DRD							50% RIVER. DUE TO RAIN & SNOW MELT OVER WEEKEND, RIVER UP. CHECKING LINE. FOUND 17 CUT CABLE & 2 STOLEN
4	936 Sum Test			4				70% STA'S 15 to 25 PHONES DULLED UP AND CABLES DULLED BACK DAMAGING 1 CABLE HEAD TOTAL OF 18 3/4
5	937 NRS Test							CABLES & 2 STOLEN. FIXING LINE NOW. FROM STA 30 - 1 CABLES CARRIED IN. 1-96 CORRELATION MADE ON FILE # 017. FOUND 10 SETS OF DAMAGED PHONE'S.
6	890 Similarity							
7	016 Wind Strip							
8	017 73	1-65 81-111	1					
9	018 74	1-66 82-111	1					
10	019 75	1-67 83-111	1					
11	[Handwritten scribbles]							
12	[Handwritten scribbles]							
13	[Handwritten scribbles]							
14	[Handwritten scribbles]				4:30			FINISHED FOR THE DAY
15	[Handwritten scribbles]							
16	[Handwritten scribbles]							
17	[Handwritten scribbles]							
18	[Handwritten scribbles]							
19	[Handwritten scribbles]							
20	[Handwritten scribbles]							
21	[Handwritten scribbles]							
22	[Handwritten scribbles]							
23	[Handwritten scribbles]							
24	[Handwritten scribbles]							
25	[Handwritten scribbles]							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz.</b>		SWEEP PATTERN		SWEEPS PER PATTERN <b>16</b>	
SWEEP PATTERNS PER SETUP		PATCH PATTERN <b>112233X332211</b>			
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-41100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV77B</b>	FREQUENCY <b>75 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER <b>SIMMONS/KRAMER</b>	LINE DIR. <b>1 TO 24 E → W</b>	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN LINE # 2 (ONE)</b>	STATE <b>TENN &amp; N.C.</b>	COUNTY <b>CHEROKEE &amp; MADISON</b>	DATE <b>1-9-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>MOUNTAINOUS</b>	WEATHER <b>COLD &amp; CLEAR</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	F I L T E R	REMARKS
						LOCUT 60 ~	
1	933 PULSE TEST	1 - 6 Sec.			222	Out Out	RECORDER SET UP BETWEEN STA'S 72 & 75
2	934 EINT	2 - " "					
3	936-939 DRD	4 - " "					
4	953 SUM TEST	2 - " "					
5	960 NRJ TEST	2 - " "					
6	890 SIMILARITY	1 - 31 SEC.		4			50%
7	020 WIND STRIP	1 - 6 SEC.					CHECKING LINE
8	021 76	1-68 84-111	1				70% VP# 76 STACKED ON FIRST HALF DUE TO BRIDGE. 1-96 CORRELATION MADE ON FILE# 021
9	022 77	1-69 85-111	1				
10	023 78	1-70 86-111	1				
11	024 79	1-71 87-111	1		222		EOF# 024 ON REEL# 222
12	026 80	1-72 88-111	1		223		BOF# 025 (WIND STRIP) ON REEL# 223. FILE# 900-10 SEC. PL ONE'S
13	027 81	1-73 89-111	1				
14	028 82	1-74 90-111	1				
15	029 83	1-75 91-111	1				RAW SWEEP MADE ON FILE# 029. 1 FOR DR KAUFMAN, 2 FOR QUILTY
16	030 84	1-76 92-111	1				CONTROL (1-48+49-96)
17	031 85	1-77 93-111	1				
18	032 86	1-78 94-111	1				
19	033 87	1-79 95-111	1				1-96 CORRELATION MADE ON FILE# 033
20	034 88	1-80 96-111	1				
21	035 89	1-81 97-111	1				
22	90	1-82 98-111					
23							4:15 FINISHED FOR THE DAY
24							
25							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233 x 332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-91100 1-9900</b>	TYPE GEOPHONE <b>ETH-EV22.B</b>	FREQUENCY <b>25 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER/TO <b>SIMMONS/KRAMER</b>		PARTY MOR. <b>E → W</b>		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical  
Division  
Geosource Inc.**

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE 7</b>	STATE <b>TENN &amp; N.C.</b>	COUNTY <b>CHEROKEE &amp; MADISON</b>	DATE <b>1-10-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>MOUNTAINOUS</b>	WEATHER <b>COLD &amp; CLEAR</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	F I L T E R		REMARKS
						LOCUT	BO ~	
1 933	PULSE TEST 1	- 6 SEC			9:00 223	Out	Out	RECORDER SET UP BETWEEN STA'S 22473
2 934	EINI	2 - " "						
3 935	DRD	4 - " "						
4 936	SUM TEST	2 - " "						
5 937	NRT TEST	2 - " "						
6 890	Similarity	7 - 31 SEC		4				50%
7 036	Wind Strip	1 - 6 SEC						CHECKING LINE
8 037	90	1-82 98-111	1		223			70% 1-96 CORRELATION MADE ON FILE # 037. EOF # 037 ON REEL # 225
9 038	91	1-83 99-111	1		224			BOF # 038 ON REEL # 224. FILE # 900 - 10 SEC. ALL ONE'S
10 039	92	1-84 100-111	1					
11 040	93	1-85 101-111	1					
12 <del>041</del>	<del>94</del>	<del>1-86 102-111</del>						STANDING BY. VIB # 12666, AUX. ENGINE OVER HEATED
13 <del>042</del>	<del>95</del>	<del>1-87 103-111</del>						
14 <del>043</del>	<del>96</del>	<del>1-88 104-111</del>			3:15			FINISHED FOR THE DAY
15 <del>044</del>	<del>97</del>	<del>1-89 105-111</del>						
16 <del>045</del>	<del>98</del>	<del>1-90 106-111</del>						
17 <del>046</del>	<del>99</del>	<del>1-91 107-111</del>						
18 <del>047</del>	<del>100</del>	<del>1-92 108-111</del>						
19 <del>048</del>	<del>101</del>	<del>1-93 109-111</del>						
20 <del>049</del>	<del>102</del>	<del>1-94 110-111</del>						
21 <del>050</del>	<del>103</del>	<del>1-95 111-111</del>						
22 <del>051</del>	<del>104</del>	<del>1-96 112-111</del>						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz.</b>		SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>1122.33 x 332211</b>
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-91100 1-9900</b>	TYPE GEOPHONE <b>ETL-EV223</b>	FREQUENCY <b>25 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER <b>710 SIMMONS/KRAMER</b>	PARTY MOR.	LINE DIR. <b>1 TO 24 E → W</b>

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN LINE # 1</b>	STATE <b>TENN &amp; N.C.</b>	COUNTY <b>CHEROKEE &amp; MADISON</b>	DATE <b>1-11-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>MOUNTAINOUS</b>	WEATHER <b>COLD &amp; CLEAR</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL. NO.	F L T E R		REMARKS
						LOCUT	80 ~	
933	Pulse Test	1 - 6 Sec.			9:00 224	Out	Out	RECORDER SET UP BETWEEN STA'S 224 & 23
<del>934</del> 935	EINT	2 - " "						
<del>936</del> 939	TRD	4 - " "						
<del>937</del> 954	SWEEP TEST	2 - " "						
<del>938</del> 961	NRT TEST	2 - " "						
890	SIMULATED	1 - 31 Sec.		4				50%
041	WIND STRIP	1 - 6 Sec.						70% CHECKING LINE
042	94	1-86 102-111	1					70% 1-96 CORRELATION MADE ON FILE # 042
043	95	1-87 103-111	1					
044	96	1-88 104-111	1					
045	97	1-89 105-111	1					
046	98	1-90 106-111	1					
047	99	1-91 107-111	1					
048	100	1-92 108-111	1					
049	101	1-93 109-111	1		224			EOF # 049 ON REEL # 224
051	102	1-94 110-111	1		225			BOF # 050 (WIND STRIP) ON NEW REEL # 225. FILE # 800-10
052	103	1-95 111	1					SEC. ALL ONE'S. 1-96 CORRELATION MADE ON FILE # 051
053	104	1-96	1					WILL START PULLING SPREAD & SHOOTING EVERY OTHER ONE
054	106	3-98	3					
055	108	5-100	5					RAW SWEEP MADE ON FILE # 055, 1 FOR DR KAUFFMAN FOR
056	110	7-102	7					QUALITY CONTROL (1-48 49-96)
057	112	9-104	9					
058	114	11-106	11					
059	116	13-108	13					
060	118	15-110	15	Y		Y	Y	Y

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz.</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-91100 1-4900</b>	TYPE GEOPHONE <b>ETH-EV27B</b>	FREQUENCY <b>25 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER/TO <b>SIMMONS/KRAMER</b>		PARTY MGR.		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE # 2</b>	STATE <b>TENN. &amp; N.C.</b>	COUNTY <b>CHEROKEE &amp; MADISON</b>	DATE <b>1-11-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>MOUNTAINOUS</b>	WEATHER <b>COLD &amp; CLEAR</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	SWEEP TIME	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	70%	
1	120	17-112	17	4		225	Out	Out	70%	
2	122	19-114	19	↓		225	↓	↓	↓	E.O.F. #062 ON REEL # 225
3										
4										
5					4:15					FINISHED FOR THE DAY
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
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20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X352211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-41100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV23</b>	FREQUENCY <b>25 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER <b>SIMMONS/KRAMER</b>			PARTY MGR.	LINE DIR. 1 TO 24 <b>E → W</b>

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT **COCORP** AREA **TENN. LINE #1** STATE **TENN & N.C.** COUNTY **CHEROKEE & MONROE** DATE **1-12-78**  
CREW NO. **6834** TERRAIN **MOUNTAINOUS** WEATHER **Cold + Cloudy** LINE NO. **1**

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	FILTER		REMARKS
						LOCUT	60~	
1	933 Pulse Test	1 - 6 Sec.			9:00 226	Out	Out	B.O.F. # 063 (wind strip) on reel # 226 file # 900-10 sec. All One's
2	934 EINT	2 - " "						RECORDER SET UP BETWEEN STA'S
3	939 DRD	4 - " "						
4	954 Sum Test	2 - " "						
5	961 NRJ Test	2 - " "						
6	890 Similarity	1 - 31 "		4				50%
7	063 Wind Strip	1 - 6 "						70%
8	064 124	21 - 116	240					Checking line
9	065 126	23 - 118	2					1-96 Correlation made on file # 064
10	066 128	25 - 120	4					
11	067 130	27 - 122	6					
12	068 132	29 - 124	8					
13	069 134	31 - 126	10					
14	070 136	33 - 128	12					
15	SKIP 138	35 - 130	14					
16	SKIP 140	37 - 132	16					VP'S 138-142 Skipped Due to houses
17	SKIP 142	39 - 134	18					
18	071 144	41 - 136	20					
19	072 146	43 - 138	22					VP # 144 Stacked on last half Due to house
20	073 148	45 - 140	24					RAW SWEEP MADE ON FILE # 072
21	074 150	47 - 142	26		226			EOF # 074 ON REEL # 226
22	076 152	49 - 144	28		227			B.O.F. # 075 (wind strip) on reel # 227 file # 900-10 sec. All One's
23	078 154	51 - 146	30					1-96 Correlation made on file # 076
24	078 156	53 - 148	32					
25	079 158	55 - 150	34					Finished For The Day

TOTAL SETUPS: \_\_\_\_\_ TOTAL SWEEPS: \_\_\_\_\_ TOTAL COVERAGE: \_\_\_\_\_ TOTAL FIELD TIME: \_\_\_\_\_ DRIVING TIME: \_\_\_\_\_ SYSTEM NO.: \_\_\_\_\_

SWEEP FREQUENCY: **8-32 Hz** SWEEP PATTERN: \_\_\_\_\_ SWEEPS PER PATTERN: **16** SWEEP PATTERNS PER SETUP: \_\_\_\_\_ PATCH PATTERN: **112233X332211**

GEOPHONES PER PATCH: **24** NO. OF RECORDING PATCHES: **96** TYPE VIBRATOR: **3-41100** TYPE GEOPHONE: **ETH-EV223** FREQUENCY: **25 Hz** STATION INTERVAL: **220'** LINE DIR. TO 24: **E → W**

REMARKS: \_\_\_\_\_ OBSERVER/TO: **SIMMONS/KRAMER** PARTY MOR.: \_\_\_\_\_

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc. *SAT*  
DATE *1-13-79*

CLIENT *COCORP* AREA *TENN. LINE # 2* STATE *TENN* COUNTY *MONROE*  
CREW NO. *6834* TERRAIN *MOUNTAINOUS* WEATHER *CLOUDY-COOL* LINE NO. *1*

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	F LOCUT	L T E R	REMARKS
1	933 Pulse Test				227	Out	Out	RECORDER SET UP BETWEEN STA'S 124 & 125
<del>934</del>	EINI							
<del>936</del>	DRD							
<del>937</del>	Sum Test							
<del>938</del>	NRJ Test							
6	890 Simultany			4				50%
7	080 WIND STRIP							CHECKING LINE
8	081 160	57-152	5					70% 1-96 CORRELATION MADE ON FILE # 081
9	082 162	59-154	7					
10	083 164	61-156	9					
11	084 166	63-158	11					
12	085 168	65-160	13					
13	086 170	67-162	15		227			E.O.F # 086 ON REEL # 227; B.O.F # 087 (WIND STRIP) ON REEL # 228
14	SKIP 172	69-164	17		228			FILE # 900-10650; ALL ONE'S
15	SKIP 174	71-166	19					
16	SKIP 176	73-168	21					VP'S # 172-182 SKIPPED DUE TO HOUSES (GREEN COVE VILLAGE)
17	SKIP 178	75-170	23					
18	SKIP 180	77-172	25					WIND PICKING UP
19	SKIP 182	79-174	27					
20	088 184	81-176	29					
21	089 186	83-178	31					
22	090 188	85-180	33					
23	091 190	87-182	35					
24	092 192	89-184	37					
25	093 194	91-186	39					RECORDER MOVE, [initials]

TOTAL SETUPS: [ ] TOTAL SWEEPS: [ ] TOTAL COVERAGE: [ ] TOTAL FIELD TIME: [ ] DRIVING TIME: [ ] SYSTEM NO.: [ ]

SWEEP FREQUENCY: *8-32 Hz* SWEEP PATTERN: [ ] SWEEPS PER PATTERN: *16* SWEEP PATTERNS PER SETUP: [ ] PATCH PATTERN: *112233 x 332211*

GEOPHONES PER PATCH: *24* NO. OF RECORDING PATCHES: *96* TYPE VIBRATOR: *3-4100 / 1-4900* TYPE GEOPHONE: *ETL-EV22B* FREQUENCY: *7.5 Hz.* STATION INTERVAL: *220'* LINE DIR. 1 TO 24: *E → W*

REMARKS: [ ] OBSERVER: *SIMMONS/KRAMER* PARTY MOR.: [ ]

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc. SAT.  
DATE 1-13-79

CLIENT **COCORP** AREA **TENN. LINE # 2** STATE **TENN.** COUNTY **MONROE** DATE **1-13-79**  
 CREW NO. **6834** TERRAIN **MOUNTAINOUS** WEATHER **CLOUDY - COOL** LINE NO. **1**

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	80 ~	200 ~	
1	094	196	93 - 188	8	4	228	Out	Out	70%	RECORDER SET UP BETWEEN STA'S 157 & 158  RAW SWEEP MADE ON FILE # 097 VP 204 STACKED ON FIRST HALF DUE TO HOUSE 1-96 CORRELATION MADE ON FILE # 098 FOF # 100 ON REEL # 228
2	095	198	95 - 190	10						
3	096	200	97 - 192	12						
4	097	202	99 - 194	14						
5	098	204	101 - 196	16						
6	099	206	103 - 198	18						
7	100	208	105 - 200	20		228	V	V	V	
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS: \_\_\_\_\_ TOTAL SWEEPS: \_\_\_\_\_ TOTAL COVERAGE: \_\_\_\_\_ TOTAL FIELD TIME: \_\_\_\_\_ DRIVING TIME: \_\_\_\_\_ SYSTEM NO.: \_\_\_\_\_

SWEEP FREQUENCY: **8-32 Hz.** SWEEP PATTERN: \_\_\_\_\_ SWEEPS PER PATTERN: **16** SWEEP PATTERNS PER SETUP: \_\_\_\_\_ PATCH PATTERN: **112233X332211**

GEOPHONES PER PATCH: **24** NO. OF RECORDING PATCHES: **96** TYPE VIBRATOR: **3-41100 L-4900** TYPE GEOPHONE: **ETH-EV22B** FREQUENCY: **25 Hz.** STATION INTERVAL: **220'** LINE DIR. TO 24: **E → W**

REMARKS: \_\_\_\_\_ OBSERVER/TO: **SIMMONS/KRAMER** PARTY MOR.: \_\_\_\_\_

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE # 7</b>	STATE <b>TENN</b>	COUNTY <b>MONROE</b>	DATE <b>1-15-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>MOUNTAINOUS</b>	WEATHER <b>CLEAR &amp; COLD</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL. NO.	F I L T E R		REMARKS
						LOCUT	80 ~	
1	933 Pulse Test	1 - 6 Sec.			9:00 229	Out	Out	BOF # 101 (Wind Strip) on Reel # 229. File # 900-10 sec. All Dave's Recorder Set up between Sta. 177 & 178
2	934 EINT	2 - " "						
3	935 DRD	4 - " "						
4	936 Sum Test	2 - " "						
5	937 NRT Test	2 - " "						
6	890 Similarity	1 - 31 Sec.		4			50%	CHECKING LINE <del>70%</del>
7	101 Wind Strip	1 - 6 Sec.						
8								
9								INST. DOWN AFTER 12 SWEEPS IN FIRST V.P.
10								
11								
12								
13								
14								
15								
16								
17								
18								

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz.</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233 X 332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-41100 1-4900</b>	TYPE GEOPHONE <b>ETH-EV22B</b>	FREQUENCY <b>75 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS				OBSERVER <b>Simmons/Kramer</b>	PARTY MGR.

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>1-23-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>MOUNTAINOUS</b>	WEATHER	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO. VIB	TAPE RL. NO.	F L T E R	REMARKS
1	933 Pulse Test	1 - 6 Sec			11:00 229	Out Out	RECORDER SET UP BETWEEN STA'S 177 & 178
2	934-935 ELNT	2 - " "					BRIDGE OUT ON HINE ROAD, HAD TO TAKE DETOUR.
3	939 DRD	4 - " "					STEEP INCLINES, ICED OVER ROADS, SEVERAL HOURS TO MAKE DETOUR.
4	934-954 Sum Test	2 - " "					NOSIE ON HINE DUE TO RIVER (WATER UP DUE TO MELTING)
5	950-961 NRI Test	2 - " "					50% SNOW & RAIN & WIND.
6	880 Similarity	1 - 31 Sec.		5			CHECKING WINE
7	102 Wind Strip	1 - 6 SEC.					70% 1-9% CORRELATION MADE ON FILE #103
8	103	210 107-202	2	5			
9	104	212 109-204	4				
10	105	214 111-206	6				
11	106	216 113-208	8				
12	107	218 115-210	10				
13	108	220 117-212	12				
14	109	222 119-214	14				
15	110	224 121-216	16		229		EOF #110 ON REEL #229 (REEL #230 MOUNTAIN TESTS)
16	112	226 123-218	18		231		BOF #111 (WIND STRIP) ON REEL #231. FILE #900-10 SEC. ALL LINES
17	113	228 125-220	20				1-9% CORRELATION MADE ON FILE #112
18	114	230 127-222	22				RAW SWEEP MADE ON FILE #113
19	115	232 129-224	24				
20							
21							
22							
23							
24							
25							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>11 22 33 X 33 22 11</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR	TYPE GEOPHONE <b>ETH-EV22B</b>	FREQUENCY <b>75 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVED TO <b>SIMMONS/KRAMER</b>		PARTY MGR.		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE # 2 (ONE)</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>1-24-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Mountainous</b>	WEATHER <b>Cold &amp; Snowing</b>		LINE NO. <b>1</b>

REC NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES	F I L T E R		RE MARKS
						RL. NO.	LOCUT	
1	933 PULSE TEST 1	— 6 Sec.			9:30 231	Out	Out	RECORDER SET UP BETWEEN STA'S 202 & 203
2	934 EINI 2	— " "						STARTING TO SNOW HARDER. TEMP DROPPING. WATER ON ROADS FROM MELTED SNOW & RAIN STARTING TO FREEZE. ROADS GETTING SLICK
3	936 DBD 4	— " "						
4	937 Sum 1 est 2	— " "						
5	940 (NR) TEST 2	— " "						
6	890 Similarity 1	— 31 Sec.		5			50%	CHECKING LINE
7	116 WIND STRIP 1	— 6 Sec.					70%	
8	117 234	131 - 226	1					CONDITIONS BECOMING HAZARDOUS DUE TO SNOW & ICE. DOWN DUE TO WEATHER
9	118 236	133 - 228	3					
10								
11					11:00			
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>		SWEEP PATTERN		SWEEPS PER PATTERN <b>16</b>	
SWEEP PATTERNS PER SETUP		PATCH PATTERN <b>112233 X 332211</b>			
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-4100'S 1-4900</b>	TYPE GEOPHONE <b>ETH-FV22B</b>	FREQUENCY <b>75 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER <b>Simmons/KRAMER</b>	LINE DIR. <b>1 TO 24 E → W</b>	
			PARTY MGR.		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN LINE # 2</b>	STATE <b>TENNESSEE</b>	COUNTY <b>MONROE</b>	DATE <b>1-25-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Mountainous, Snow Packed Road</b>	WEATHER <b>COLD</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	F LOCUT	L T E R	REMARKS
1	933 Pulse test	1-6Sec			231	Out	Out	RECORDER Setup BETWEEN STA'S 205 + 206
934-935	EINT	2-"						
936-939	DRD	4-"						
953-954	Sum Test	2-"						
960-961	NRT test	2-"						
6	890 Similarity	1-31Sec		5				50%
7	119 Wind Strip	1-6Sec						Checking LINE
8	120 238	135-230	2	5				70% 1-96 CORRELATION MADE ON FILE #120
9	121 240	137-232	4		231			EOF #121 ON REEL #231
10	SKIP 242	139-234	6	5	232			BOF #122 ON REEL #232. FILE #900-10 SEC. ALL ONE'S
11	122 244	141-236	8	4				UP 242 SKIPPED DUE TO ICEY ROAD
12	123 246	143-238	10					UIB #126/66 DOWN DUE TO AIR LEAK
13	124 248	145-240	12					
14	125 250	147-242	14					
15	126 252	149-244	16					3 RAW SWEEPS MADE ON FILE #126. 1 FOR DR KAUFMAN, 2 FOR QUALITY CONTROL (1-49, 49-96)
16	127 254	151-246	18					
17	128 256	153-248	20					UP #256 STACKED ON LAST HALF DUE TO BRIDGE
18	129 258	155-250	22					
19	130 260	157-252	24	4				
20	131 262	159-254	26	5				
21	132 264	161-256	28					
22	133 266	163-258	30		232			EOF #133 ON REEL #232
23	135 268	165-260	32		233			BOF #134 (WIND STRIP) ON REEL #233. FILE #900-10 SEC. ALL ONE'S
24								1-96 CORRELATION MADE ON FILE #135
25					4:30			FINISHED FOR THE DAY

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>MDS-10</b>
SWEEP FREQUENCY <b>8-32 HZ</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-9/160 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5 HZ</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER/JO <b>SIMMONS/KRAMER</b>		PARTY MOR. <b>E → W</b>		

OPERATOR'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT **COCORP** AREA **TENN. LINE # 1** STATE **TENN.** COUNTY **MONROE** DATE **1-26-79**  
 CREW NO. **6834** TERRAIN **Mountainous** WEATHER **Cold + Overcast** LINE NO. **1**

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES TIME	TAPES RL. NO.	F I L T E R		REMARKS
							LOCUT	SO ~	
933	PULSE TEST	1 — 6 SEC.			9:00	233	Out	Out	RECORDER SET UP BETWEEN STA'S 233 + 234
934	ELNI	2 — " "							
935	DRD	4 — " "							
936	SUM TEST	2 — " "							
937	NRT TEST	2 — " "							
890	Similarity	1 — 31 SEC.		5					50%
136	Wind Strip	1 — 6 SEC.							Checking Line
137	270	167 — 262	6						70% VP# 270 STACKED ON LAST HALF. 1-96 CORRELATION MADE ON FILE # 137
138	272	169 — 264	8						
139	274	171 — 266	10						
140	276	173 — 268	12						
141	278	175 — 270	14	↓					
142	280	177 — 272	16	5					
143	282	179 — 274	18	4					Vib# 16344 DOWN DUE TO LIFE PROBLEMS
144	284	181 — 276	20	↑					
145	286	183 — 278	22			233			E.O.F# 45 ON REEL # 233; B.O.F# 46 WIND STRIP ON REEL # 234; FILE # 900-10
147	288	185 — 280	24			234			SEC. ALLONES
148	290	187 — 282	26						
149	292	189 — 284	28	↓					
150	294	191 — 286	30	4					3 RAW SWEEPS MADE ON FILE # 150 (2 FOR QUALITY CONTROL) 1 FOR DR. KAUFMAN (1-48 + 49-96)
151	296	193 — 288	32	5					Vib# 16344 BACK IN LINE
152	298	195 — 290	34	↑					
153	300	197 — 292	36						
154	302	199 — 294	38						1-96 CORRELATION MADE ON FILE # 154
155	304	201 — 296	40	↓					

TOTAL SETUPS \_\_\_\_\_ TOTAL SWEEPS \_\_\_\_\_ TOTAL COVERAGE \_\_\_\_\_ TOTAL FIELD TIME \_\_\_\_\_ DRIVING TIME \_\_\_\_\_ SYSTEM NO. **MDS-10**

SWEEP FREQUENCY **8-32 Hz** SWEEP PATTERN \_\_\_\_\_ SWEEPS PER PATTERN **16** SWEEP PATTERNS PER SETUP \_\_\_\_\_ PATCH PATTERN **112233 X 332211**

GEOPHONES PER PATCH **24** NO. OF RECORDING PATCHES **96** TYPE VIBRATOR **4-91100** TYPE GEOPHONE **ETL-EV22B** FREQUENCY **25 Hz.** STATION INTERVAL **220'** LINE DIR. **E → W**

REMARKS \_\_\_\_\_ OBSERVER/TO **SIMMON/KRAMER** PARTY MOR. \_\_\_\_\_

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE # 1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>1-26-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>MOUNTAINOUS</b>	WEATHER <b>COLD</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES	TAPE RL. NO.	F I L T E R		REMARKS
							LOCUT	BO ~	
1	306	202-298	42	5	234	234	Out	Out	70%
2	308	204-300	44			234			
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-4100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>75 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS				OBSERVER <b>Simmons/KRAMER</b>	PARTY MOR.

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE # 2</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>1-29-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>MOUNTAINOUS</b>	WEATHER <b>COLD &amp; CLEAR</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL. NO.	FILTER		REMARKS
						LOCUT	60~	
1 933	Pulse Test	1 - 6 Sec			235	Out	Out	BOF # 158 (wind strip) on Reel # 235
2 934	EINT	2 - " "						RECORDER Set up BETWEEN STA'S # 338 & 339
3 935	DRD	4 - " "						STA'S # 310 - 368 SKIPPED DUE TO DANGEROUS ROAD
4 936	Sum TEST	2 - " "						CONDITIONS (ICE) will have to DO this SECTION WHEN
5 937	NRJ TEST	2 - " "						CONDITIONS IMPROVE. STA'S 339 & 362 OPEN DUE TO
6 890	Similarity	1 - 31 Sec		5				BRIDGES. LATE START DUE TO MOVING LINE.
7 158	WIND STRIP	1 - 6 SEC						50% CHECKING LINE
8 159	370	267 - 362	1					70% 1-96 CORRELATION MADE ON FILE # 159
9 160	372	269 - 364	3					
10 161	374	271 - 366	5					
11 162	376	273 - 368	7	5				
12 163	378	275 - 370	9	4				VIB # 1911 Down with Lift PROBLEM
13 164	380	277 - 372	11					17311
14 165	382	279 - 374	13					
15 166	384	281 - 376	15	4				
16 167	386	283 - 378	17	5				
17 168	388	285 - 380	19					
18 169	390	287 - 382	21		235			RAW SWEEP MADE ON FILE # 169. EOF # 169 ON REEL # 235
19 170	392	289 - 384	23		236			BOF # 170 (wind strip) ON REEL # 236. FILE # 920 - 10 SEC. ALLOW'S
20								1-96 CORRELATION MADE ON FILE # 170
21								
22								
23								4:30
24								FINISHED FOR THE DAY
25								

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>		SWEEP PATTERN		SWEEPS PER PATTERN <b>16</b>	
SWEEP PATTERNS PER SETUP		PATCH PATTERN		<b>112233 X 332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-9100</b>	TYPE GEOPHONE <b>ETL-EU22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS				LINE DIR. 1 TO 24 <b>E → W</b>	
OBSERVER TO <b>SIMMONS/KRAMER</b>				PARTY NO.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT **COCORP** AREA **TENN. LINE #1** STATE **TENN.** COUNTY **MONROE** DATE **1-30-79**  
 CREW NO. **6834** TERRAIN **MOUNTAINOUS** WEATHER **COLD & CLEAR** LINE NO. **1**

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	ARRP GATE TIME	TAPE RL. NO.	F L T E R		REMARKS
							LOCUT	60 ~	
1 933	PULSE TEST	1 - 6 SEC.			9:00	236	Out	Out	RECORDER SET UP BETWEEN STA'S 362 & 363
2 934	EINT	2 - " "							
3 939	DRD	4 - " "							STA'S 339 & 362, OPEN DUE TO BRIDGE
4 954	SIM TEST	2 - " "							
5 961	NRT TEST	2 - " "							
6 890	Similarity	1 - 31 SEC.		5					50%
7 172	WIND STRIP	1 - 6 SEC.							CHECKING LINE
8 173	394	291 - 386	1						70%
9 174	396	293 - 388	3	5					1-96 CORRELATION MADE ON FILE #173
10 175	398	295 - 390	5	4					VIB #16544 DOWN DUE TO FULF LEAK
11 176	400	297 - 392	7	4					V.P. #400 STACKED ON FIRST HALF DUE TO CLIFF OVERHANG
12 178	402	299 - 394	9	5					" 402 " " LAST " " " " " "
13 178	404	301 - 396	11						
14 180	406	303 - 398	13						RECORDER MOVED BETWEEN V.P. 204 & 412 DUE TO POOR ROAD COND.
15 180	408	305 - 400	15						V.P. #408 STACKED ON FIRST HALF DUE TO CLIFF OVERHANG, E. OF.
16 183	410	307 - 402	17			236			" 410 " " LAST " " " " " " E.O.P. #181 ON REEL #236
17 183	412	309 - 404	240			237			BOF #182 (WIND STRIP) ON REEL #237. FILE #900-10 SEC. ALL ONE'S
18 184	414	311 - 406	2						1-96 CORRELATION MADE ON FILE #183. RECORDER BETWEEN STA'S 382 & 383
19 185	416	313 - 408	4						3 RAW SWEEPS, 1 FOR DR. KAUFMAN - 2 FOR QUALITY CONTROL, MADE ON FILE #184
20 186	418	315 - 410	6						
21 187	420	317 - 412	8						V.P. #420 STACKED ON LAST HALF DUE TO CLIFF OVERHANG
22 188	422	319 - 414	10						
23 189	424	321 - 416	12						
24 190	426	323 - 418	14						
25 191	428	325 - 420	16						

TOTAL SETUPS \_\_\_\_\_ TOTAL SWEEPS \_\_\_\_\_ TOTAL COVERAGE \_\_\_\_\_ TOTAL FIELD TIME \_\_\_\_\_ DRIVING TIME \_\_\_\_\_ SYSTEM NO. \_\_\_\_\_

SWEEP FREQUENCY **8-32 Hz** SWEEP PATTERN \_\_\_\_\_ SWEEPS PER PATTERN **16** SWEEP PATTERNS PER SETUP \_\_\_\_\_ PATCH PATTERN **112233 X 332211**

GEOPHONES PER PATCH **24** NO. OF RECORDING PATCHES **96** TYPE VIBRATOR **4-9100** TYPE GEOPHONE **ETL-EV22B** FREQUENCY **25 Hz** STATION INTERVAL **220'** LINE DIR. **E. → W.**

REMARKS \_\_\_\_\_ OBSERVED BY **SIMMONDS/KRAMER** PARTY MGR. \_\_\_\_\_

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN LINE #</b>	STATE <b>TENN</b>	COUNTY <b>MONROE</b>	DATE <b>1-30-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Mountainous</b>	WEATHER <b>COLD + CLEAR</b>		LINE NO. <b>1</b>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	GATE TIME	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	200~	
1	420	327-422	18	5		237	Out	Out	70%	
2	432	329-424	20							
3										
4					4.50					Finished For The Day
5										
6										
7										
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25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-Y1100 1-Y900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER/S.O. <b>SIMMONS/KRAMER</b>	PARTY MGR.	
			LINE DIR. <b>1 TO 24 E→W</b>		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN</b>	COUNTY <b>MONROE</b>	DATE <b>1-31-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Mountainous</b>	WEATHER <b>Cold-Overcast</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	COP SW.	NO VIB	SWEEP TIME	TAPE RL NO.	F I L T E R		RE MARKS
							LOCUT	80 ~	
1	933 Pulse Test	1 - 6 Sec.			8:30	237	Out	Out	RECORDER SETUP BETWEEN STA'S 400 & 401
2	934 EINT	2 - " "							
3	936 DRD	4 - " "							STARTING TO SNOW
4	937 Sum Test	2 - " "							
5	938 NYRI TEST	2 - " "							
6	890 Similarity	1 - 31 Sec		5		237			50% EOF #890 ON REEL #237
7	194 Wind Strip	1 - 6 Sec.				238			CHECKING LINE. BOF #194 ON REEL #238. FILE #900-10 SEC. ALL ONE'S
8	195 434	331 - 426	3						70% 1-96 CORRELATION MADE ON FILE #195
9	196 436	333 - 428	5						
10	197 438	335 - 430	7						
11	198 440	337 - 432	9	5					
12	199 442	339 - 434	11	4					VIB #17311 DOWN, T/O PROBLEM
13	200 444	341 - 436	13						
14	201 446	343 - 438	15						
15	202 448	345 - 440	17						
16	203 450	347 - 442	19						
17	204 452	349 - 444	21						
18	205 454	351 - 446	23						V.P. #454 STACKED ON LAST HALF DUE TO CLIFF OVERHANG
19	206 456	353 - 448	25						
20	207 458	355 - 450	27			238			EOF #207 ON REEL #238
21	209 460	357 - 452	29			239			BOF #208 (Wind Strip) ON REEL #239. FILE #900-10 SEC. ALL ONE'S
22	210 462	359 - 454	31						1-96 CORRELATION MADE ON FILE #209
23	211 464	361 - 456	33						
24	212 466	363 - 458	35						RAW SWEEP MADE ON FILE #212
25	213 468	365 - 460	37						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233 X 332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-9100 1-4900</b>	TYPE GEOPHONE <b>ETH-EN23B</b>	FREQUENCY <b>25 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER / TO <b>Simmons</b>		PARTY MGR.		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>1-31-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>MOUNTAINOUS</b>	WEATHER <b>COLD-SNOWING</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	COP SW.	NO VIB	TAPES RL NO.	F I L T E R		REMARKS
						LOCUT	60~	
1	470	367 - 462	39	4	239	Out	Out	70%
2	472	369 - 464	41					
3	474	371 - 466	43					
4	476	373 - 468	45					
5	478	375 - 470	47					
6	480	377 - 472	49					
7								
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22								
23								
24								
25								

4:45

Finished For The Day

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz.</b>	SWEEP PATTERN <b>15</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-4100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>25 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER <b>SIMMONS/KRAMER</b>	LINE DIR. 1 TO 24 <b>E. → W.</b>	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT **COCORP** AREA **TENN. LINE #1** STATE **TENN.** COUNTY **MONROE** DATE **2-1-79**  
CREW NO. **6834** TERRAIN **MOUNTAINOUS** WEATHER **COLD-CLEAR** LINE NO. **1**

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	FILTER		REMARKS
						LOCUT	60 ~	
1	933 Pulse Test	1 — 6 Sec.			239	Out	Out	RECORDER SET UP BETWEEN STA'S
2	935 ELNI	2 — " "						
3	939 DRD	4 — " "						
4	954 Sum Test	2 — " "						
5	961 NRJ TEST	2 — " "						
6	890 Similarity	1 — 31 Sec.		5	239			50% EOF # 890 ON REEL # 239
7	220 Wind Strip	1 — 6 Sec.			240			CHECKING LINE BOF # 220 ON REEL # 240. FILE # 900-10 SEC. ALL ONE'S
8	221 482	379 — 474	3					70% 1-9% CORRELATION MADE ON FILE # 221
9	222 484	381 — 476	5					
10	223 486	383 — 478	7	5				
11	224 488	385 — 480	9	4				VIB # 12667 DOWN DUE TO LIFT PROBLEMS
12	225 490	387 — 482	11					
13	226 492	389 — 484	13	4				
14	227 494	391 — 486	15	5				
15	228 496	393 — 488	17					
16	229 498	395 — 490	19					
17	230 500	397 — 492	21					VIB # 500 STACKED ON LAST HALF DUE TO CLIF OVERHANG
18	231 502	399 — 494	23					
19	232 504	401 — 496	25					
20	233 506	403 — 498	27		240			EOF # 233 ON REEL # 240
21	235 508	405 — 500	29		241			BOF # 234 (wind strip) ON REEL # 241. FILE # 900-10 SEC. ALL ONE'S
22	236 510	407 — 502	31					1-9% CORRELATION MADE ON FILE # 235
23	238 512	409 — 504	33					RAW SWEEP MADE ON FILE # 237
24	238 514	411 — 506	35					RECORDER MOVE DUE TO POOR RADIO RECEPTION.
25	239 516	413 — 508	39					RECORDER SET UP BETWEEN STA'S 476 & 477

TOTAL SETUPS: \_\_\_\_\_ TOTAL SWEEPS: \_\_\_\_\_ TOTAL COVERAGE: \_\_\_\_\_ TOTAL FIELD TIME: \_\_\_\_\_ DRIVING TIME: \_\_\_\_\_ SYSTEM NO.: \_\_\_\_\_

SWEEP FREQUENCY: **8-32 Hz.** SWEEP PATTERN: \_\_\_\_\_ SWEEPS PER PATTERN: **16** SWEEP PATTERNS PER SETUP: \_\_\_\_\_ PATCH PATTERN: **112233 X 332211**

GEOPHONES PER PATCH: **24** NO. OF RECORDING PATCHES: **96** TYPE VIBRATOR: **4-41100** TYPE GEOPHONE: **ET6-EV22B** FREQUENCY: **7.5 Hz.** STATION INTERVAL: **220'** LINE DIR. 1 TO 24: **E → W**

REMARKS: \_\_\_\_\_ OBSERVER: **Simmons/Kramer** PARTY MOR.: \_\_\_\_\_

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORD</b>	AREA <b>LENN. WINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>2-1-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>MOUNTAINOUS</b>	WEATHER <b>COLD-CLEAR</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60~	%AMP	
1	518	415-510	11	5		241	Out	Out	70%	
2	520	417-512	13							
3	522	419-514	15							
4	524	421-515	17							
5										
6										
7										
8										
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22										
23										
24										
25										

4:45 FINISHED FOR THE DAY

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz.</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233 X 332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-41100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>25 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER/TO <b>SIMMONS/KRAMER</b>			PARTY MGR.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>2-2-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>MOUNTAINOUS</b>	WEATHER <b>COLD - CLEAR</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	80 ~	
1 933	PULSE TEST	1 - 6 SEC.				241	Out	Out	
<del>244</del> 935	EINT	2 - " "							VIB# 14256, FROZEN WATER LINES
<del>936</del> 939	DRD	4 - " "							
<del>938</del> 942	Sum TEST	2 - " "							
<del>940</del> 941	NRT TEST	2 - " "							
6 890	Similarity	1 - 31 SEC.		4					50%
7 244	Wind STRIP	1 - 6 SEC.							Checking LINE
8 245	526	423 - 518	240						70% 1-96 CORRELATION MADE ON FILE# 245
9 246	528	425 - 520	2			241			E.O.F.# 246 ON REEL# 241
10 247	530	427 - 522	4			242			B.O.F.# 247 ON REEL# 242
11 248	533	429 - 524	6						
12 <del>249</del>	534	431 - 526	8						V.P.# 536 SKIPPED DUE TO BELONG
13 SKIP	536	433 - 528	10	4					RUNNING SIMILARITY (PAPER MONITOR ONLY) ON VIB# 14256
14 250	538	435 - 530	12	5					
15 251	540	437 - 532	14						
16 252	542	439 - 534	16						
17 253	544	441 - 536	18						3 RAW SWEEPS (1 FOR DR. KAUFMAN - 2 FOR QUALITY CONTROL) MADE ON FILE# 253
18 254	546	443 - 538	20						
19 255	548	445 - 540	22						
20 256	550	447 - 542	24						
21 257	552	449 - 544	26						1-96 CORRELATION MADE ON FILE# 257
22 SKIP	554	451 - 546	28						
23 "	556	453 - 548	30						
24 "	558	455 - 550	32						V.P.'S 554-560 SKIPPED DUE TO HOUSES
25 SKIP	560	457 - 552	34						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8 - 52 Hz.</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-4100 1-4900</b>	TYPE GEOPHONE <b>ETL-FU22B</b>	FREQUENCY <b>75 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS		OBSERVER/TO <b>SIMMONS/KRAMER</b>		PARTY MOR.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN</b>	COUNTY <b>MONROE</b>	DATE <b>2-2-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>MOUNTAINOUS</b>	WEATHER <b>COLD-CLEAR</b>		LINE NO. <b>1</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	50 ~	AMP	
1	562	459-554	36	5		242	Out	Out		
2	564	461-556	38							EOE # 259 ON REEL # 242
3	SKIP	463-558	40							
4	"	465-560	42							
5	"	467-562	44							VP'S 566-572. SKIPPED DUE TO HOUSES
6	SKIP	469-564	46							
7	261	471-566	48			243				BOF # 260 (wind strip) ON REEL # 243. FILE # 900-10 SEC. ALL ONE'S
8	262	473-568	50			243				FOF # 262 ON REEL # 243
9										
10										
11										Picking up and moving line due to skip thru
12										Tellico Plains
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233 X 33221</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-41100 1-4900</b>	TYPE GEOPHONE <b>ELW-EL22B</b>	FREQUENCY <b>25 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER TO <b>SIMMONS/KRAMER</b>			PARTY MGR.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>2-5-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>COLD &amp; CLEAR</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F L T E R		REMARKS
							LOCUT	GO ~	
1 933	PULSE TEST 1	— 6 SEC				244	Out	Out	BOF # 263 ON REEL # 244. FILE # 900-10 SEC. ALL ONE'S RECORDER SET UP BETWEEN STA'S 599 & 600
2 934	ELN	2 — " "							LAYING OUT LINE AFTER SKIP THROUGH TOWN OF TELlico PLAINS
3 936-939	DRD	4 — " "							STA'S 559 OPEN DUE TO BRIDGE. STA'S 568 OPEN DUE TO STORE
4 934-934	SUM TEST 2	— " "							STA'S 597-614 OPEN DUE TO TOWN OF TELlico PLAINS
5 920-961	NRJ TEST 2	— " "							50% V.P.'S 578-628 SKIPPED DUE TO TOWN & HOUSES
6 890	SIMILARITY 1	— 31 SEC							CHECKING LINE. NOISE ON LINE DUE TO TOWN TRAFFIC
7 263	WIND STRIP 1	— 6 SEC							70% 1-96 CORRELATION MADE ON FILE # 264. VP 630
8 264	630	527 — 622	240						
9 SKIP	632	529 — 624	2						
10 "	634	531 — 626	4						V.P.'S 632-638 SKIPPED DUE TO HOUSES
11 "	636	533 — 628	6						
12 SKIP	638	535 — 630	8						
13 265	640	537 — 632	10						VP # 640 STACKED ON LAST HALF DUE TO HOUSE
14 SKIP	642	539 — 634	12						
15 "	644	541 — 636	14						
16 "	646	543 — 638	16						
17 "	648	545 — 640	18						
18 "	650	547 — 642	20						
19 "	652	549 — 644	22						VP'S 642-664 SKIPPED DUE TO HOUSES, CEMETERY
20 "	654	551 — 646	24						
21 "	656	553 — 648	26						
22 "	658	555 — 650	28						
23 "	660	557 — 652	30						
24 "	662	559 — 654	32						
25 SKIP	664	561 — 656	34						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>		SWEEP PATTERN		SWEEPS PER PATTERN <b>16</b>	
SWEEP PATTERNS PER SETUP		PATCH PATTERN <b>112233X332211</b>			
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-91100 1-4900</b>	TYPE GEOPHONE <b>6TG-EV22B</b>	FREQUENCY <b>7.5 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER/TO <b>SIMMONS/KRAMER</b>	PARTY MGR.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>2-5-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>COLD-CLEAR</b>		LINE NO. <b>1</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	80~	20-120Hz	
1	666	563-658	36	5		244	Out	Out	70%	
2	668	565-660	38							
3	670	567-662	40							
4	672	569-664	42							
5	674	571-666	44							
6	676	573-668	46							
7	678	575-670	48							
8	680	577-672								RECORDER ABOVE
9	682	579-674								RECORDER SET UP BETWEEN STA'S
10	684	581-676								
11	686	583-678								
12										
13					4:10					DOWN BLEW CAP. IN DC-DC CONVERTER (NO CAP'S TO REPLACE)
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233 X 332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-4100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER TO <b>SIMMONS/KRAMER</b>			PARTY MGR.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>2-6-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Cold - Overcast</b>		LINE NO. <b>1</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	COP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS	
							LOCUT	60 ~		
1 933	PULSE TEST	1 - 6 Sec.				244	Out	Out	RECORDER SET UP BETWEEN STA'S 630 & 631 STA'S 547-614 OPEN DUE TO TOWN OF TELlico PLAINS NOISE ON LINE DUE TO TRAFFIC OF SAID TOWN	
<del>834</del> 935	EINI	2 - " "								
836-939	DRD	4 - " "								
<del>833</del> 934	SUM TEST	2 - " "								
<del>900</del> 941	NRT TEST	2 - " "								
6 890	Similarity	1 - 31 Sec.		5				50%		
7 272	Wind Strip	1 - 6 Sec.							Checking Line	
8 273	678	575 - 670	17			244		70%	1-96 CORRELATION MADE ON FILE # 273. EOF # 273 ON REEL # 244 BOF # 274 ON REEL # 246 (REEL # 245 Monthly Test) FILE # 900-10 SEC	
9 274	680	577 - 672	19			246				
10 275	682	579 - 674	21						ALL ONE'S. STANDING BY TRAIN ON LINE	
11 276	684	581 - 676	23							
12 277	686	583 - 678	25							
13 278	688	585 - 680	27							
14 279	690	587 - 682	29						Standing By For A Train	
15 SKIP	692	589 - 684	31							
16 SKIP	694	591 - 686	33						UP'S 692 & 694 SKIPPED DUE TO HOUSES	
17 280	696	593 - 688	35						UP 696 STACKED ON LAST HALF DUE TO HOUSES	
18 SKIP	698	595 - 690	37						3 RAW SWEEPS (1 FOR DR KAUFMAN 2 FOR QUALITY CONTROL) MADE ON FILE # 280	
19 "	700	597 - 692	39						STARTING TO SNOW	
20 "	702	599 - 694	41							
21 "	704	601 - 696	43						UP' 698-708 SKIPPED DUE TO HOUSES	
22 "	706	603 - 698	45							
23 SKIP	708	605 - 700	47							
24 281	710	609 - 706	49						RECORDER MOVE. FILE # 282-2 QDP. Pag. Out (was 19 should have been 20)	
25 282	712	609 - 704	19						RECORDER SET UP BETWEEN STA'S 664 & 665	
TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE		TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.
SWEEP FREQUENCY 8-32 Hz		SWEEP PATTERN		SWEEPS PER PATTERN 16		SWEEP PATTERNS PER SETUP		PATCH PATTERN 112233X332211		
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 4-4100 1-4900		TYPE GEOPHONE ETH-EV22G		FREQUENCY 25 Hz		STATION INTERVAL 220'
REMARKS		OBSERVER TO Simmons/Kramer		PARTY MGR.		LINE DIR. 1 TO 24 E → W				

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>2-6-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hills</b>	WEATHER <b>Cold - Snowing</b>		LINE NO. <b>1</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL NO.	FILTER			REMARKS
							LOCUT	80~	AMP	
1	714	611 - 706	19	5		246	Out	Out	70%	
2	SKIP	716	613 - 708	21						
3	SKIP	718	615 - 710	23						VP'S 716 - 722 SKIPPED DUE TO HOUSES
4	SKIP	720	617 - 712	25						
5	SKIP	722	619 - 714	27						
6	284	724	621 - 716	29						
7	285	726	623 - 718	31						
8	SKIP	728	625 - 720	33						
9	SKIP	730	627 - 722	35						
10	286	732	629 - 724	37		246				EOF # 286 ON REEL # 246
11	288	734	631 - 726	39		247				BOF # 287 (wind strip) ON REEL # 247 - FILE # 900 - 10 SEC. ALL ONE'S
12	<del>726</del>	<del>633 - 728</del>	<del>41</del>							1-9% CORRELATION MADE ON FILE # 288
13										
14										
15										4:50
16										FINISHED FOR THE DAY WEATHER GETTING TO BAD
17										NOW SLEATING
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz.</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233 x 332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-4400 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>75 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER <b>Simmons/Kramer</b>		PARTY MOR. <b>E → W</b>		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>2-8-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Cold - Clear</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F LOCUT	L T E R	REMARKS
1 933	PULSE TEST	1 - 6 SEC.				247	Out	Out	RECORDER SETUP BETWEEN STA'S 705 & 706
2 934	EINI	2 - " "							
3 935	DRD	4 - " "							RUNNING TEST AS PER REQUEST OF Quality Control
4 936	SUM TEST	2 - " "							
5 937	NR TEST	3 - " "							NOISE ON STA'S 662-666 CAUSED BY OPERATIONAL SAW MILL
6 890	Simul. REY	1 - 3/ SEC.		5				50%	
7 289	Wind Strip	1 - 6 SEC.							CHECKING LINE
8 290	736	635 - 728	240					70%	1-96 CORRELATION MADE ON FILE 290
9 291	738	635 - 730	2						
10 292	740	637 - 732	4						
11 293	742	639 - 734	6						
12 SKIP	744	641 - 736	8						VP# 744 SKIPPED DUE TO HOUSE
13 294	746	643 - 738	10						VP# 746 STACKED ON LAST HALF
14 295	748	645 - 740	12	5					
15 296	750	647 - 742	14	4					VIB# 12.667 DOWN (HOLE IN RADIATOR)
16 297	752	649 - 744	16						VP# 752 STACKED ON FIRST HALF DUE TO HOUSE
17 SKIP	754	651 - 746	18						
18 SKIP	756	653 - 748	20						V.P.'S 754-760 SKIPPED DUE TO HOUSE'S
19 SKIP	758	655 - 750	22						
20 SKIP	760	657 - 752	24						
21 298	762	659 - 754	26						
22 299	764	661 - 756	28			247			EOF# 299 ON REEL# 247
23 300	766	663 - 758	30			248			BOF# 300 (Wind Strip) ON REEL# 248. FILE# 900-10 SEC. ALL ONE'S
24 SKIP	768	665 - 760	32						1-96 CORRELATION MADE ON FILE# 301
25 SKIP	770	667 - 762	34						VP'S 768 & 770 SKIPPED DUE TO HOUSES

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz.</b>		SWEEP PATTERN		SWEEPS PER PATTERN <b>16</b>	
SWEEP PATTERNS PER SETUP		PATCH PATTERN <b>112233 X 332211</b>			
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>44180 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>25 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER TO <b>SIMMONS/KRAMER</b>	PARTY MGR.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>2-8-79</b>
CREW NO. <b>6854</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Cold - Clear</b>		LINE NO. <b>1</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	ARR. CDP TIME	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60 ~	
1	302 772	669 - 764	36	4		248	Out	Det. 70%	V.P. 772 Stacked on last half
2	303 774	671 - 766	38						RAW SWEEP MADE ON FILE # 303
3	304 776	673 - 768	40						
4	305 778	675 - 770	42						V.P. # 778 Stacked on first half Due to house
5	SKIP 780	677 - 772	44						
6	SKIP 782	679 - 774	46						V.P.'s 780 + 782 Skipped Due to house's
7	306 784	681 - 776	48						
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>	SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>11 22 33 x 33 22 11</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-91100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER/TO <b>SIMMONS/KRAMER</b>		PARTY MGR.		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE # 1</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>2-15-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Overcast - Damp</b>		LINE NO. <b>1</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1 933	Pulse TEST	1 - 6 SEC.				248	Out	Out		RECORDER SET UP BETWEEN STA'S 705 & 706
2 934	RTINT	2 - " "								
3 936	DRD	4 - " "								Will Be Doing 3 VP'S to SEND to Houston TIME. to EVALUATE.
4 955	SUM TEST	2 - " "								Will Be Shooting Split SPREAD. 16 STA. GAP.
5 890	Similarity	1 - 31 SEC.		5						
6 308	Wind Strip	1 - 6 SEC.								
7 308	667	637-659 675-744								
8 309	668	637-660 676-744								
9 310	669	637-661 677-744				248				EOF # 310 ON REEL # 248 (to BE SENT to Houston.)
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

{ Changing out geophone Runners  
and geophone Cases }

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>		SWEEP PATTERN		SWEEPS PER PATTERN <b>16</b>	
SWEEP PATTERNS PER SETUP		PATCH PATTERN <b>112233X332211</b>			
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-4100 1-4900</b>	TYPE GEOPHONE <b>ETH-EV22</b>	FREQUENCY <b>25 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER <b>Simmons/KRAMER</b>	LINE DIR. <b>E → W</b>	
			PARTY MGR.		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

CLIENT <b>COCORP</b>	AREA <b>TENN LINE #1</b>	STATE <b>TENN</b>	COUNTY <b>MONROE</b>	DATE <b>2-18-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>OVERCAST</b>	LINE NO. <b>1</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP % GAIN	
1933	Pulse Test	1 — 6Sec				248	Out	Out	75%	RECORDER SET UP BETWEEN STA'S 705 & 706
934-935	EINT	2 — " "								
936-939	DRD	4 — " "								
953-954	Spm Test	2 — " "								
960-961	NRJ Test	2 — " "								
890	Similarity	1 — 31Sec		5					50%	DOWN DUE TO LEAKAGE PROBLEMS
7	<del>DRD</del>	<del>2 — 6Sec</del>								
8	308									
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-32 Hz</b>		SWEEP PATTERN	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP	PATCH PATTERN <b>112233X332211</b>
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-P/100 1-P/900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER/SO. <b>SIMMONS/KRAMER</b>	PARTY MGR.	
LINE DIR. <b>1 TO 24 E → W</b>					