

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>2-28-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR</b>	LINE NO. <b>2</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 ~		
1 933	Pulse Test	1 — 6 Sec.				249	Out	Out	RECORDER SETUP BETWEEN STA'S 59+60 WILL BE STARTING LINE #2 AS PER DR KAUFMAN'S REQUEST FOR STARTING AND FINISHING A LINE.	
<del>934</del> 935	ELNI	2 — " "								
<del>936</del> 937	DRD	4 — " "								
<del>938</del> 939	Sum Test	2 — " "								
<del>940</del> 941	NRT Test	2 — " "								
6 890	Similarity	1 — 31 Sec.		5				50%	Laying Out AND Checking Line	
7 001	Wind Strip	1 — 6 Sec.								
8 SKIP	1	9 — 104						70%	First 12 VP'S IN SEQUENCE (STA'S 1-12)	
9 "	2	10 — 105							VP'S 1-5 SKIPPED DUE TO INEXSESABILITY OF LINE	
10 "	3	11 — 106								
11 "	4	12 — 107								
12 SKIP	5	13 — 108								
13 002	6	14 — 109	27							
14 003	7	15 — 110	28						1-96 CORRELATION MADE ON FILE #002	
15 004	8	16 — 111	29							
16 005	9	17 — 112	30							
17 006	10	18 — 113	31							
18 007	11	19 — 114	32							
19 008	12	20 — 115	33							
20 SKIP	66	1-58 74-112	14							
21 009	70	1-62 78-112	14		249					
22										WILL NOW BE SHOOTING NEXT 10 VP'S (66-102) EVERY 4 <sup>TH</sup> VP. VP'S 66 SKIPPED DUE TO HOUSE VP # 70 STACKED ON LAST HALF DUE TO HOUSE EOP 009 ON REEL # 249 FINISHED FOR THE DAY
23										
24										

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 1-9900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>25 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER <b>Simmmons/Kramer</b>		PARTY NO.		

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Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE 2</b>	STATE <b>TENN</b>	COUNTY <b>MONROE</b>	DATE <b>3-1-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Cloudy-Overcast</b>		LINE NO. <b>2</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 ~	
1 933	Pulse Test	1-6 SEC.				250	Out	Out	RECORDER SET UP BETWEEN STA'S 59+60 BOF # 010 ON REEL # 250. FILE # 900-10 SEC. ALL ONE'S
<del>934</del> 935	EINT	2- " "							
<del>936</del> 939	DRD	4- " "							
<del>933</del> 954	Sum Test	2- " "							
<del>940</del> 961	NRJ TEST	2- " "							
6 890	Similarity	1-31 SEC.		5				50%	Checking Line
7 010	Wind Strip	1-6 SEC.						70%	
8 012	74	1-66 82-111	14						
9 013	78	1-70 86-111	14						
10 SKIP	82	1-74 90-111	14						
11 SKIP	86	1-78 94-111	14						VP'S 82+86 SKIPPED DUE TO HOUSES
12 014	90	1-82 98-111	14						
13 SKIP	94	1-86 102-111	14						VP # 94 SKIPPED DUE TO HOUSE
14 015	98	1-90 106-111	14						
15 016	102	1-94 110-111	14						VP # 102. STACKED ON FIRST HALF DUE TO HOUSE
16 SKIP	104	1-96	14						
17 SKIP	106	3-98	16						VP'S 104+106 SKIPPED DUE TO HOUSES
18 017	108	5-100	18						3 RAW SPEEDS MADE ON FILE # 017, 1 FOR DR KAUFMAN, 2 (1-43 92-96) FOR
19 018	110	7-102	20						Quality Control. VP # 110 STACKED ON FIRST HALF.
20 019	112	9-104	22						VP # 112. STACKED ON LAST HALF
21 020	114	11-106	240						RECORDER MOVE. RECORDER SET UP BETWEEN STA'S 83+84
22 021	116	13-108	2						VP # 116 STACKED ON FIRST HALF
23 SKIP	118	15-110	4						
24 "	120	17-112	6						
25 SKIP	122	19-114	8						VP'S 118-122 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>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-EV229</b>	FREQUENCY <b>25 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER <b>Simmons/KRAMER</b>	PARTY MOR. <b>N → S</b>	

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CLIENT <b>COCORP</b>	AREA <b>TENN. LINE 2</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>3-1-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR</b>	LINE NO.	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	70%	
1	022	124	21 - 116	10	5	250	Out	Out	70%	
2	023	126	23 - 118	12		250				E.O.F. #023 ON REEL # 250
3	025	128	25 - 120	14		251				BOF #024 ON REEL # 251 (WIND STRIP). FILE # 900-10 SEC. ALL ONE'S 1-9% CORRELATION MADE ON FILE # 025
4										
5										
6										FINISHED FOR THE DAY
7										
8										
9										
10										
11										
12										
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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>4-4100 1-4900</b>	TYPE GEOPHONE <b>ETB-EV22B</b>	FREQUENCY <b>75 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER/TO <b>Simmons/KRAMER</b>			PARTY MOR.	LINE DIR. 1 TO 24 <b>N → S</b>

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

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Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #2</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>3-2-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR</b>	LINE NO. <b>2</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW	NO VIB	AMP GAIN	TAPE RL NO.	FILTER		REMARKS
							LOCUT	80 ~	
1 933	Pulse Test	1 — 6 Sec				251	Out	Out	RECORDER SET UP BETWEEN STA'S 98 & 99
254-935	ELM	2 — " "							
936-939	DRD	4 — " "							
953-954	Sunn Test	2 — " "							
960-961	NRJ Test	2 — " "							
6 890	Similarity	1 — 31 Sec		5					50%
7 026	Wind Strip	1 — 6 Sec							Checking Line
8 027	130	27 — 122	1						70% 1-96 CORRELATION MADE ON FILE # 027
9 028	132	29 — 124	3						VP # 132 STACKED ON FIRST HALF DUE TO HOUSE
10 SKIP	134	31 — 126	5						
11 "	136	33 — 128	7						VP'S 134-138 SKIPPED DUE TO HOUSES
12 SKIP	138	35 — 130	9						
13 029	140	37 — 132	11						
14 030	142	39 — 134	13						
15 031	144	41 — 136	15						
16 032	146	43 — 138	17						
17 033	148	45 — 140	19						
18 034	150	47 — 142	21						
19 035	152	49 — 144	23						
20 036	154	51 — 146	25						
21 037	156	53 — 148	27			251			EOF # 037 ON REEL # 251
22 SKIP	158	55 — 150	29			251			BOF # 038 (wind strip) ON REEL # 252. FILE # 900-10 SEC. ALL ONE'S
23 "	160	57 — 152	31						
24 SKIP	162	59 — 154	33						VP'S 158-162 SKIPPED DUE TO HOUSES
25 039	164	61 — 156	35						1-96 CORRELATION MADE ON FILE # 039

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-EV22.5</b>	FREQUENCY <b>75 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER/TO <b>SIMMONS/KRAMER</b>	PARTY MOR. <b>N → S</b>	



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Geosource Inc. *Sat*

CLIENT <b>COCORP</b>	AREA <b>TENN. LINE 2</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>3-3-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Cloudy-Overcast-Windy</b>		LINE NO. <b>2</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 ~	
1 933	PULSE TEST	1 --- 6 SEC				252	Out	Out	RECORDER SET UP BETWEEN STA'S 151 & 152 WIND GUSTING 10-15 mph.
<del>934</del> 935	EINI	2 --- " "							
<del>936</del> 939	DRD	4 --- " "							
<del>933</del> 954	SUM TEST	2 --- " "							
<del>936</del> 941	NRJ TEST	2 --- " "							EOF# 890 ON REEL # 252
6 890	SIMILARITY	1 --- 31 SEC		5		252			50% BOF# 049 (WIND STRIP) ON REEL # 253. FILE # 900-10 SEC ALL LINES
7 049	WIND STRIP	1 --- 6 SEC				253			CHECKING WIND
8 050	190	87 --- 182	8						70% 1-96 CORRELATION MADE ON FILE # 050
9 051	192	89 --- 184	10						VP#
10 052	194	91 --- 186	12						VP# 194 STACKED ON FIRST HALF DUE TO HOUSES
11 SKIP	196	93 --- 188	14						
12 "	198	95 --- 190	16						VP'S 196-202 SKIPPED DUE TO HOUSES
13 "	200	97 --- 192	18						
14 SKIP	202	99 --- 194	20						
15 053	204	101 --- 196	22						RAW SWEEP MADE ON FILE # 053
16 054	206	103 --- 198	24						
17 055	208	105 --- 200	26						
18 SKIP	210	107 --- 202	28						
19 "	212	109 --- 204	30						
20 "	214	111 --- 206	32						VP'S 210-222 SKIPPED DUE TO HOUSES
21 "	216	113 --- 208	34						
22 "	218	115 --- 210	36						
23 "	220	117 --- 212	38						
24 SKIP	222	119 --- 214	40						STA# 222 ON HIWAY 68 (CANNOT WORK STATE HIWAYS ON WEEKENDS)

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>	
GEOPHONES PER PATCH <b>24</b>		NO. OF RECORDING PATCHES <b>96</b>		TYPE VIBRATOR <b>4-41100 1-4900</b>	
REMARKS		TYPE GEOPHONE <b>ETL-EV22B</b>		FREQUENCY <b>25 Hz</b>	
		OBSERVER/TO <b>SIMMONS/KRAMER</b>		PARTY MGR.	
		PATCH PATTERN <b>112233X332211</b>		STATION INTERVAL <b>220'</b>	
				LINE DIR. <b>1 TO 24 N → S</b>	

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CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #2</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>3-5-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLS</b>	WEATHER <b>OVERCAST</b>		LINE NO. <b>2</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	80 ~	
1 933	Pulse Test	1 - 6 SEC				253	Out	Out	RECORDAR SET UP BETWEEN STA'S 188+189 GROUND EXTREMELY WET FROM RAIN OVER WEEKEND PICKING UP RINGING IN AMPS DUE TO PHASE SHIFTS IN GROUND CURRENT.
2 934	FINI	2 - " "							
3 939	DRD	4 - " "							
4 934	Summ Test	2 - " "							
5 961	NRJ Test	2 - " "							
6 890	Similarity	1 - 31 SEC		5				50%	
7 056	Wind Strip	1 - 6 SEC							CHECKING LINE
8 SKIP	2.24	121 - 216	5					70%	
9 SKIP	2.26	123 - 218	?						VP'S 224+226 SKIPPED DUE TO HOUSES
10 057	2.28	125 - 220	9						1-96 CORRELATION MADE ON FILE #057
11 SKIP	2.30	127 - 222	11						VP# 230 SKIPPED DUE TO HOUSES
12 058	2.32	129 - 224	13						
13 059	2.34	131 - 226	15						
14 SKIP	2.36	133 - 228	17						
15 "	2.38	135 - 230	19						
16 "	2.40	137 - 232	21						
17 "	2.42	139 - 234	23						
18 "	2.44	141 - 236	25						VP# 236 - 254 SKIPPED DUE TO TOWN OF MT. VERNON.
19 "	2.46	143 - 238	27						NOISE ON STA'S 222 - 256 DUE TO HIGHWAY #68 + TOWN OF MT. VERNON.
20 "	2.48	145 - 240	29						
21 "	2.50	147 - 242	31						
22 "	2.52	149 - 244	33						
23 SKIP	2.54	151 - 246	35						
24 060	2.56	153 - 248	37						
25 SKIP	2.58	155 - 250	39						VP 258 SKIPPED DUE TO HOUSE

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>	
GEOPHONES PER PATCH <b>24</b>		NO. OF RECORDING PATCHES <b>96</b>		TYPE VIBRATOR <b>4-4100</b>	
REMARKS		TYPE GEOPHONE <b>ETH - EV 22</b>		FREQUENCY <b>75 Hz</b>	
		OBSERVER <b>SIMMONS/KRAMER</b>		STATION INTERVAL <b>220'</b>	
				PARTY NO.	
				LINE DIR. <b>1 TO 24 N → S</b>	

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CLIENT <b>COCORP</b>	AREA <b>TENN LINE #2</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>3-5-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER		LINE NO. <b>2</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 ~	SEE FILE	
1	061	157 - 252	41	5		253	Out	Out	70%	
2	062	159 - 254	43			253				EOF #062 ON REEL #253
3	SKIP	160 - 256	45							BOF #063 (WIND STRIP) ON REEL #254 FILE #900-10 SEC. ALL ONES
4	064	163 - 258	47			254				RECORDER MODEL 1-96 CORRELATION MADE ON FILE #064
5	065	165 - 260	10							RECORDER SETUP BETWEEN STA. 2274228
6	<del>270</del>	<del>167 - 262</del>	<del>10</del>							RAW SWEEP MADE ON FILE #065
7										
8										FINISHED FOR THE DAY
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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>112253X352211</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>ETL-EV225</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER TO <b>SIMMONS/KRAMER</b>		PARTY MGR. <b>N → S</b>		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

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CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #2</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>3-6-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLS</b>	WEATHER <b>CLEAR</b>	LINE NO. <b>2</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.				254	Out	Out	RECORDER SET UP BETWEEN STA'S 221 & 228
<del>2</del>	<del>935</del> EINI	2- " "							GROUND STILL EXTREMELY WET (STANDING WATER)
<del>3</del>	<del>939</del> DRD	4- " "							
<del>4</del>	<del>941</del> Sum Test	2- " "							NOISE ON STA'S 221-260 Due to Hiway #68, Town of Mt. VERNON, & CONSTRUCTION WORK.
<del>5</del>	<del>946</del> NRI Test	2- " "							
6	890 Similarity	1-31 Sec.		5				50%	
7	066 Wind Scrip	1-6 Sec.							CHECKING LINE
8	067 270	167-212	12					70%	1-96 CORRELATION MADE ON FILE #067
9	068 272	169-214	14						
10	069 274	171-216	16						VP# 274 STACKED ON FIRST HALF
11	SKIP 276	173-218	18						VP# 276 SKIPPED DUE TO HOUSE
12	" 278	175-220	20						VP# 278 & 280 SKIPPED
13	SKIP 280	177-222	22						
14	070 282	179-224	24						
15	071 284	181-226	26						
16	072 286	183-228	28						
17	073 288	185-230	30						
18	SKIP 290	187-232	32						VP# 290 SKIPPED DUE TO HOUSE
19	074 292	189-234	34						VP# 292 STACKED ON LAST HALF
20	SKIP 294	191-236	36						
21	SKIP 296	193-238	38						VP# 294 & 296 SKIPPED DUE TO HOUSES
22	075 298	195-240	40						
23	SKIP 300	197-242	42						
24	SKIP 302	199-244	44						
25	076 304	201-246	46			254			EOF# 076 ON REEL # 254

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>	
GEOPHONES PER PATCH <b>24</b>		NO. OF RECORDING PATCHES <b>96</b>		TYPE VIBRATOR <b>4-9100 1-4900</b>	
REMARKS		TYPE GEOPHONE <b>ETL-EV22B</b>		FREQUENCY <b>75 Hz.</b>	
		OBSERVER <b>SIMMONS/KRAMER</b>		PARTY MOR.	
		PATCH PATTERN <b>112233 X 332211</b>		STATION INTERVAL <b>220'</b>	
				LINE DIR. <b>N → S</b>	

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CLIENT <b>COCORP</b>	AREA <b>TENN. LINE #2</b>	STATE <b>TENN.</b>	COUNTY <b>MONROE</b>	DATE <b>3-6-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR</b>	LINE NO. <b>2</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO. VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS	
							LOCUT	60~		
1	078	306	203-298	48	5	255	Out	Out	70%	RECORDED MOVE. BOF. 077 (WIND STRIP) ON REEL # 255 file # 077-17 sec. 11 (2 sec)
2	079	308	205-300	22						RECORDED SECTIONS BETWEEN STA. 255 & 256 1-96 CORRELATION MADE ON FILE # 078
3	080	310	207-302	24						5 ROW SWEEPS MADE ON FILE # 080, 1 FOR DR. KAUFMAN - 2 (1-40 & 4-56) FOR
4	081	312	209-304	26						Quality Control.
5	082	314	211-306	28						
6	<del>312</del>	<del>213-308</del>	<del>30</del>							
7										
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10										
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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>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-FV72B</b>	FREQUENCY <b>75 Hz.</b>	STATION INTERVAL <b>270'</b>
REMARKS			OBSERVER <b>SIMMONS/KRAMER</b>	PARTY MOR.	LINE DIR. 1 TO 24 <b>N → S</b>

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>3-7-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hills</b>	WEATHER <b>Overcast</b>	LINE NO. <b>2</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 ~	
1 933	PULSE TEST	1 - 6 SEC.				255	Out	Out	RECORDER SET UP BETWEEN STA.'S 283 & 284
2 935	ETNI	2 - " "							
3 939	DRD	4 - " "							
4 954	SUM TEST	2 - " "							
5 962	NRT TEST	2 - " "							
6 890	Simultaneous	1 - 31 Sec.		5				50%	
7 083	Wind Strip	1 - 6 Sec.							CHECKING LINE
8 084	316	213 - 308	2					70%	1-96 CORRELATION MADE ON FILE # 084
9 085	318	215 - 310	4						
10	SKIP	217 - 312	6						
11	"	219 - 314	8						VP'S 320-321 SKIPPED DUE TO HOUSES
12	SKIP	221 - 316	10						
13 086	326	223 - 318	12						VP 326 STACKED ON LAST HALF
14	SKIP	225 - 320	14						VP 328 SKIPPED DUE TO HOUSE
15 087	330	227 - 322	16						VP 330 STACKED ON LAST HALF
16 088	332	229 - 324	18						
17 089	334	231 - 326	20						RAW SWEEP MADE ON FILE # 089
18 090	336	233 - 328	22		255				BOF # 090 ON REEL # 255
19 092	338	235 - 330	24		256				BOF # 091 (WIND STRIP) ON REEL # 256. FILE # 900-10 SEC. ALL ONE'S
20 093	340	237 - 332	26						1-96 CORRELATION MADE ON FILE # 092.
21 094	342	239 - 334	28						
22 095	344	241 - 336	30						
23	SKIP	243 - 338	32						VP'S # 346 + 348 SKIPPED DUE TO HOUSES
24 096	348	245 - 340	34						
25 096	350	247 - 342	36						

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>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 COCORP AREA TENN LINE #2 STATE TENN. COUNTY MONROE DATE 3-7-79  
 CREW NO. 6834 TERRAIN Hills WEATHER Cloudy LINE NO. 2

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	80 ~	90 ~	
1	097 352	249 - 344	38	5	256	256	Out	Out	70%	VP# 352 Stacked on first half Due to house
2	SKIP 354	251 - 346	40							VP# 354 Skipped Due to house
3	098 356	253 - 348	42							
4	099 358	255 - 350	44							VP# 358 Stacked on first half Due to house
5	SKIP 360	257 - 352	46							
6	" 362	259 - 354	48							RECORDER MOVE
7	SKIP 364	261 - 356	29							RECORDER SET UP BETWEEN STA'S 306 & 307
8	100 366	263 - 358	29							
9	101 368	265 - 360	31							
10	SKIP 370	267 - 362	33							VP'S 370 - 374 SKIPPED DUE TO HOUSES
11	" 372	269 - 364	35							
12	SKIP 374	271 - 366	37			256				EOF# 101 ON REEL# 256
13										
14										Now going Back to VP# 274 to VIBRATE through
15										SPREAD AS PER DR. KAUFMAN'S INSTRUCTIONS to BUILD
16										STACK ON CROSSCIE OF LINES 1 & 2
17										
18	102 274	265-266 282-375	31			257				BOF# 102 ON REEL# 257. FILE# 900-10 SEC. ALL ONE'S
19	SKIP 278	265-270 286-375	31							VP# 278 SKIPPED DUE TO HOUSE
20										
21										FINISHED FOR THE DAY
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 4-Y1100 1-4910 TYPE GEOPHONE ETL-EU22B FREQUENCY 75 Hz. STATION INTERVAL 220' LINE DIR. 1 TO 24 N → S

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 #2</b>	STATE <b>TENN</b>	COUNTY <b>MONROE</b>	DATE <b>3-8-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLS</b>	WEATHER <b>Overcast - RAINING</b>		LINE NO. <b>2</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 DRIVE	
1	933 Pulse Test	1 - 6 SEC				257	Out	Out	RECORDER SET UP BETWEEN STA'S 306 & 307
2	935 ETN1	2 - " "							GROUND EXTREMELY WET (STANDING WATER) AFTER OVERNIGHT RAIN.
3	939 DRD	4 - " "							SHOOTING THROUGH SPREAD AS PER DR. KAUFMAN'S INSTRUCTIONS
4	951 SIM TEST	2 - " "							RAIN INCREASING
5	963 NRT TEST	2 - " "							
6	890 Similarity	1 - 31 SEC		5					50%
7	103 WIND STRIP	1 - 6 SEC							70%
8	104 282	245-274 290-315 31							
9									
10									DOWN DUE TO RAIN & INCREASING GROUND CURRENT
11									SHIFTING PHASE.
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 1-2900</b>	TYPE GEOPHONE <b>ETH-EV22B</b>	FREQUENCY <b>75 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER TO <b>SIMMONS/KRAMER</b>		PARTY MOR. <b>N → S</b>		

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>3-9-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Cloudy</b>		LINE NO. <b>2</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F L T E R			REMARKS
							LOCUT	60~	AMP	
1	933	Pulse test 1 - 6 Sec				257	Out	Out		RECORDER Set up BETWEEN STA'S 306 & 307
2	934 & 935	EINI 2 - " "								
3	936 - 939	DRD 4 - " "								
4	934 & 954	SUM TEST 2 - " "								VIBRATING THROUGH SPREAD AS PER DR. KAUFMAN'S INSTRUCTIONS TO BUILD STACK ON CROSSLINE OF LINE #1 & 2.
5	940 & 961	NRT TEST 2 - " "								
6	890	Simulapity 1 - 31 Sec		5					50%	
7	105	Wind STRIP 1 - 6 Sec								Checking line
8	106	286 265-278 294-375	31						70%	1-96 Correlation MADE ON FILE # 106
9	SKIP	290 265-282 288-375	31							VP # 286 OFF 2 STA. IN SP. IT WAS 265-280 296-375
10	SKIP	294 265-282 302-375	31							VP'S 290 & 294 SKIPPED DUE TO HOUSES
11	107	298 265-290 306-375	31							
12	SKIP	302 265-294 310-375	31							VP # 302 SKIPPED DUE TO HOUSE
13	108	306 265-298 314-375	31							
14	109	310 265-302 318-375	31							
15	SKIP	364 261-356	27							VP # 364 & 355 SKIPPED DUE TO HOUSE
16	SKIP	365 262-357	28							VP #
17	110	366 263-358	29							
18	111	367 264-359	30							VP # 367 (CDP Position) Out. WAS 29 SHOULD HAVE BEEN 30
19	112	368 265-360	31							EOP # 112 ON REEL # 257
20	SKIP	369-375								VP'S 369-375 SKIPPED DUE TO HOUSES.
21										
22		E.O.L. # 2								
23										
24										FINISHED VIB. FOR THE DAY
25										PICKING UP END OF LINE # 2

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 352211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-41100 1-41000</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>75 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER <b>SIMMONS/KRAMER</b>		PARTY MGR.		LINE DIR. <b>N → S</b>