

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE # 4</b>	STATE <b>GEORGIA</b>	COUNTY <b>WILKES</b>	DATE <b>12-12-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR-COLD</b>	LINE NO. <b>4</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.						
2 934	EINT	2 - " "						
3 936-939	DRD	4 - " "						
4 933+954	Sum Test	2 - " "						
5 920+961	NRJ Test	2 - " "						
6 890	Simul. test	1 - 31 Sec.		5			50%	
7 001	Wind Strip	1 - 6 Sec.						
8 002	1	9 - 104	13				70%	
9 003	2	10 - 105	14					
10 004	3	11 - 106	15					
11 005	4	12 - 107	16					
12 006	5	13 - 108	17					
13 007	6	14 - 109	18					
14 008	7	15 - 110	19					
15 009	8	16 - 111	20					
16 010	9	17 - 112	21					
17 011	10	18 - 113	22					
18 012	11	19 - 114	23		204			
19 014	12	20 - 115	24		205			
20 015	66	1-58 74-112	5					
21 016	70	1-68 78-112	5					
22 017	74	1-86 82-112	5					
23 018	79 FOR 78	1-71 87-112	5					
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>1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>?5 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER <b>JSO</b>	PARTY MGR.	

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Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>WILKES</b>	DATE <b>12-13-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR - COOL</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	FILTER		REMARKS
						LOCUT	60~	
1	933	PULSE TEST 1 - 6 SEC.			205	Out	Out	RECORDER SET UP BETWEEN STA'S 68 & 69
2	934	935	2					
3	936	939	4					
4	933	934	2					
5	960	961	2					
6	890	SINULARITY 1 - 31 SEC.		5				50%
7	019	WIND STRIP 1 - 6 SEC.						CHECKING LINE
8	020	82 1-74 90-112	5					70% 1-96 CORRELATION MADE ON FILE # 020
9	021	86 1-78 94-112	5					
10	022	90 1-82 98-112	5					
11	023	94 1-86 102-112	5					
12	024	98 1-90 106-112	5		205			E.O.F # 024 ON REEL # 205. B.O.F # 025 (WIND STRIP) ON REEL # 206
13	026	102 1-94 100-112	5		206			<del>FILE # 900-10 SEC. ALL ONE'S</del>
14	027	104 1 - 96	5					
15	028	106 3 - 98	7					
16	029	108 5 - 100	9					
17	030	110 7 - 102	11					
18	031	112 9 - 104	13					
19	032	114 11 - 106	15					
20	033	116 13 - 108	17					RAW SWEEP MADE ON FILE # 033
21	034	118 15 - 110	19					
22	035	120 17 - 112	21					
23	036	122 19 - 114	23					
24	037	124 21 - 116	25					
25	038	126 23 - 118	27		206			E.O.F # 038 ON REEL # 206. B.O.F # 039 ON REEL # 207. FILE # 900-10 SEC. ALL ONE'S

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	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>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>WILKES</b>	DATE <b>12-13-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>CLEAR - COLD</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP SATN TIME	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	% OR %	
1	039	128	25-120	29	5	207	Out	Out	70%	1-96 CORRELATION MADE ON FILE # 040
2	040	130	27-122	31						
3	041	132	29-124	33						
4	042	134	31-126	35						
5	043	136	33-128	37						
6	044	138	35-130	39						
7	045	140	37-132	41						2 RAW SWEEPS (1-48 & 49-96) & 1 CORRELATION FOR GRAN GRANISER.
8	046	142	39-134	43						MADE ON FILE # 045
9	047	144	41-136	45						
10										
11					5.55					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>4-9100 14900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220</b>
REMARKS	OBSERVER / J.O. <b>SIMMONS / KRAMER</b>		PARTY MGR.		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

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

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>WILKES</b>	DATE <b>12-14-78</b>
CREW NO. <b>6854</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR &amp; COLD</b>		LINE NO. <b>4</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL. NO.	F I L T E R		REMARKS
						LOCUT	60 ~	
1 933	PULSE TEST	1 - 6 SEC			7:30 207	Out	Out	RECORDER SET UP BETWEEN STA'S 116 & 117
<del>934</del> 935	EINI	2 - " "						
<del>936</del> 939	DRD	4 - " "						
<del>939</del> 954	SUM TEST	2 - " "						
<del>960</del> 961	NRI TEST	2 - " "						
6 890	SIMILARITY	1 - 31 SEC		5			50%	
7 048	WIND STRIP	1 - 6 SEC						CHECKING LINE
8 SKIP	146	43 - 138					70%	VP # 146 SKIPPED DUE TO HOUSE
9 048	148	45 - 140	1					1-96 CORRELATION MADE ON FILE # 049
10 048	150	47 - 142	3					VP # 152 STACKED ON LAST HALF
11 048	152	49 - 144	5					" 154 SKIPPED DUE TO HOUSE
12 SKIP	154	51 - 146	7					
13 SKIP	156	53 - 148	9					VP # 156 SKIPPED DUE TO HOUSE
14 SKIP	158	55 - 150	11					
15 SKIP	160	57 - 152	13					VP # 158 - 166 SKIPPED DUE TO HOUSES & STORES
16 SKIP	162	59 - 154	15					
17 SKIP	164	61 - 156	17					
18 SKIP	166	63 - 158	19					
19 050	168	65 - 160	21		207			EOF # 050 ON REEL # 207
20 051	170	67 - 162	23		208			BOF # 051 ON REEL # 208. FILE # 900-10 SEC. ALL ONES
21 052	172	69 - 164	25					
22 053	174	71 - 166	27					
23 054	176	73 - 168	29					
24 055	178	75 - 170	31					
25 056	180	77 - 172	33					

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>1 1 2 2 3 3 X 3 3 2 2 1 1</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-EV223</b>	FREQUENCY <b>2.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER <b>SIMMONS/KRAMER</b>	PARTY MGR.	

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DIGITAL VIBROSEIS RECORDER

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Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>WILKES</b>	DATE <b>12-14-78</b>
CREW NO. <b>6854</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR - COLD</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	FILTER		REMARKS
						LOCUT	60 ~	
1	182	79 - 174	35	5	208	Out	Out	70% RAW SWEEP MADE ON FILE #057
2	184	81 - 176	37					
3	186	83 - 178	39					1-96 CORRELATION MADE ON FILE #059
4	188	85 - 180	41					
5	190	87 - 182	43					
6	192	89 - 184	45					
7	194	91 - 186	47					
8	064 WIND STRIP	6 - SEC.			208			E.O.F. #064 (WIND STRIP) ON REEL #208
9	SKIP	93 - 188			209			B.O.F. #065 ON REEL #209. FILE #90-10 SEC ALL ONES
10	065	95 - 190	18					RECORDED MOVE. RECORDER PART UP BETWEEN STA'S #49450
11	066	97 - 192	20					UP. #196 SKIPPED DUE TO HOUSE
12	067	99 - 194	22					
13								
14				5:45				FINISHED FOR THE DAY
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>4-91100</b> <b>1-9900</b>	TYPE GEOPHONE <b>ETH-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>GEORGIA LINE # 4</b>	STATE <b>GEORGIA</b>	COUNTY <b>WILKES</b>	DATE <b>12-15-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR-COLD</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL. NO.	F I L T E R		REMARKS
						LOCUT	60 ~	
1	933 PULSE TEST	1 - 6 SEC.			7:30 209	Out	Out	RECORDER SETUP BETWEEN STA'S 172 & 173
2	<del>934</del> EINI	2 - " "						
3	<del>935</del> DRD	4 - " "						
4	<del>936</del> SUM TEST	2 - " "						
5	<del>937</del> NRJ TEST	2 - " "						
6	890 GUNNARITY	1 - 31 SEC.		5			50%	
7	068 WIND STRIP	1 - 6 SEC.						CHECKING LINE
8	069 204	101 - 196	1				70%	1-96 CORRELATION MADE ON FILE # 069
9	SKIP 206	103 - 198	3					V.P.'S 206 & 208 SKIPPED DUE TO HOUSES
10	SKIP 208	105 - 200	5					
11	070 210	107 - 202	7					
12	071 212	109 - 204	9					
13	072 214	111 - 206	11					
14	073 216	113 - 208	13					
15	074 218	115 - 210	15					
16	075 220	117 - 212	17					
17	076 222	119 - 214	19		209			V.P.# 222 STUCKED ON FIRST HALF DUE TO HOUSE. E.O.F.# 076 ON REEL # 209
18	SKIP 224	121 - 216	21		210			B.O.F.# 077 (WIND STRIP) ON REEL # 210. FILE # 900-10 SEC PULLONES. V.P.# 224 SKIPPED -
19	078 226	123 - 218	23					DUE TO HOUSE, V.P.# 226 STUCKED ON LAST HALF DUE TO HOUSE
20	SKIP 228	125 - 220	25					V.P.'S 228 - 234 SKIPPED DUE TO HOUSES
21	SKIP 230	127 - 222	27					
22	SKIP 232	129 - 224	29					
23	SKIP 234	131 - 226	31					
24	079 236	133 - 228	33					
25	080 238	135 - 230	35					

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>4-91100 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.		LINE DIR. 1 TO 24 <b>E → W</b>

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DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
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Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE # 4</b>	STATE <b>GEORGIA</b>	COUNTY <b>WILKES</b>	DATE <b>12-15-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR-COLD</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES RL. NO.	FILTER			REMARKS	
						LOCUT	60 ~	%		
1	081	240	137 - 232	32	5	210	Out	Out	70%	
2	082	242	139 - 234	39						
3	083	244	141 - 236	41						
4	SKIP	246	143 - 238	43						
5	SKIP	248	145 - 240	45						
6	SKIP	250	147 - 242	47						RECORDER MOVE
7	SKIP	252	149 - 244							RECORDER SET UP BETWEEN STA'S 228 & 229
8	SKIP	254	151 - 246							VP'S 246 to 280 SKIPPED DUE TO TOWN OF JACKSONS
9	SKIP	256	153 - 248							CROSSROADS
10	SKIP	258	155 - 250							
11	SKIP	260	157 - 252							
12	084	262	159 - 254	3						1-96 CORRELATION MADE ON FILE #084
13	085	264	161 - 256	45						RAW SWEEP MADE ON FILE #085
14	086	266	163 - 258	47						
15	087	268	165 - 260	49						VP # 268 STACKED ON FIRST HALF
16	SKIP	270	167 - 262	11						VP # 270 SKIPPED DUE TO HOUSE
17	088	272	169 - 264	13						
18	089	274	170 - 266	15	210					EOF # 089 ON REEL # 210
19										
20					5:45					FINISHED FOR THE DAY
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>4-41100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV223</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS	OBSERVER/TO <b>SIMMONS/KARNER</b>		PARTY MGR.		

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DIGITAL VIBROSEIS RECORDER**

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CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>Wilkes</b>	DATE <b>12-16-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <del>Cloudy</del> <b>Cool-Overcast</b>		LINE NO. <b>4</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 ~	%DRIVE	
1	933 Pulse Test	1 — 6sec		5		211	Out	Out	50%	File # 900-10sec All One's on New Reel # 211
2	934-935 EINT	2 — "								O.B. Set up BETWEEN STAS 242+243
3	936-939 DRD	4 — "								
4	953-954 Sum Test	2 — "								
5	960-961 NRJ Test	2 — "								
6	090 Similarity	1 — 31Sec							50%	
7	090 Wind Strip	1 — 6Sec								CHECKING LINE
8	091 276	173-268	3						70%	1-96 CORRELATION MADE ON FILE #091
9	092 278	175-270	5							
10	093 280	177-272	7							
11	094 282	179-274	9							
12	095 284	181-276	11							
13	SKIP 286	183-278	13							V.P.# 286 SKIPPED DUE TO Church
14	096 288	185-280	15							V.P.# 288 STACKED ON LAST HALF DUE TO Church
15	097 290	187-282	17							
16	098 292	189-284	19							
17	099 294	191-286	21							V.P.# 294 STACKED ON LAST HALF DUE TO BRIDGE
18	100 296	193-288	23			211				E.O.F.# 100 ON REEL #211. B.O.F. 101 (WIND STRIP) ON REEL #212
19	102 298	195-290	25			212				FILE #900-10sec All One's: 1-96 CORRELATION MADE ON FILE #102.
20	103 300	197-292	27							
21	104 302	199-294	29							O.B. DOWN DUE TO LOSS OF POWER IN CAMERA
22	<del>200</del>	<del>201</del>	<del>25</del>							
23	<del>306</del>	<del>201</del>	<del>298</del>	<del>30</del>						
24	<del>308</del>	<del>203</del>	<del>300</del>	<del>33</del>						
25	<del>310</del>	<del>205</del>	<del>302</del>	<del>37</del>						

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>4-41100 1-4900</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.		

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CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>Georgia</b>	COUNTY <b>Wilkes + Oglethorpe</b>	DATE <b>12-17-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>CLEAR-COOL-WINDY</b>		LINE NO. <b>4</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				212	Out	Out	O.B. Set up BETWEEN STA' 272+273
2	934-935 EIINT	2 - "							
3	936-939 DRD	4 - "							
4	953-954 Sum Test	2 - "							
5	960-961 NRJ	2 - "							
6	890 Similarity	1 - 31 sec.		5					50%
7	105 Wind Strip	1 - 6 sec.							CHECKING LINE
8	106 304	201 - 296	1						70%
9	107 306	203 - 298	3						1-96 CORRELATION MADE ON FILE #106
10	108 308	205 - 300	5						
11	109 310	207 - 302	7	4					VIB.#12666 DOWN DUE TO BAD BATTERY CABLES Time 11:30
12	110 312	209 - 304	9						
13	111 314	211 - 306	11						
14	112 316	213 - 308	13						
15	113 318	215 - 310	15			212			E.O.F #13 ON REEL #212 B.O.F #4 (WIND STRIP) ON REEL #213
16	115 320	217 - 312	17			213			FILE #900-10 SEC. ALL ONE'S
17	116 322	219 - 314	19						
18	117 324	221 - 316	21						RAW SWEEP MADE ON FILE #117
19	118 326	223 - 318	23						
20	119 328	225 - 320	25						
21	120 330	227 - 322	27						WAITING ON TRAFFIC + FIXING BAD STATION
22	121 332	229 - 324	29						
23	122 334	231 - 326	31						
24	123 336	233 - 328	33						
25	124 338	235 - 330	35						

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>4-9100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5 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>GEORGIA LINE #4</b>	STATE <b>Georgia</b>	COUNTY <b>Wilkes + Oglethorpe</b>	DATE <b>12-28</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>CLEAR - COOL</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	% <del>OFF</del> V.F.	
1	125	237-332	37	4		213	Out	Out	70%	1-96 CORRELATION MADE ON FILE #125
2	126	239-334	39	5						VIB. #12666 BACK IN LINE
3	127	241-336	41							E.O.F. #127 ON REEL #213; V.P. #344 STACKED ON LAST HALF DUE TO BRIDGE
4										
5										FINISHED FOR THE DAY
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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>4-41100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS				OBSERVER/J.O. <b>SIMMONS / KRAMER</b>	PARTY MGR.

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

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

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE#4</b>	STATE <b>GEORGIA</b>	COUNTY <b>Wilkes + Oglethorpe</b>	DATE <b>12-18-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>CLEAR + COOL</b>		LINE NO. <b>4</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			214	Out	Out		B.O.F #128 ON NEW REEL #214 FILE #900-10 SEC ALLONE'S
<del>234</del>	<del>935</del>	<del>EINT</del>	<del>2 - "</del>							O.B. Set up BETWEEN STAS 313-314
<del>236</del>	<del>939</del>	<del>DRD</del>	<del>4 - "</del>							
<del>453</del>	<del>954</del>	<del>SUM Test</del>	<del>2 - "</del>							
<del>860</del>	<del>961</del>	<del>NRJ</del>	<del>2 - "</del>							
6	890	Similarity	1 - 31 SEC	5					50%	
7	128	WIND Strip	1 - 6 SEC							Checking LINE
8	129	346	243-338	2					70%	1-96 CORRELATION MADE ON FILE #129
9	130	348	245-340	4						
10	131	350	247-342	6						
11	132	352	249-344	8						
12	133	354	251-346	10						
13	134	356	253-348	12						
14	135	358	255-350	14						
15	136	360	257-352	16						
16	137	362	259-354	18						
17	138	364	261-356	20						
18	139	366	263-358	22		214				E.O.F #139 ON REEL #214. B.O.F #140 (WIND Strip) ON REEL #215
19	141	368	265-360	24		215				FILE #900-10 SEC. ALLONE'S
20	142	370	267-362	26						
21	143	372	269-364	28						
22	144	374	271-366	30						
23	145	376	273-368	32						
24	146	378	275-370	34						RAW SWEEP MADE ON FILE #146
25	147	380	277-372	36						

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-Y1100 1-Y900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5</b>	STATION INTERVAL <b>220'</b>
REMARKS			OBSERVER/S.O. <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>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-18-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Cool</b>	LINE NO. <b>4</b>	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60 ~	70% DRIVE	
1	148	382	279-374	38	5	215	Out	Out	70%	1-96 CORRELATION MADE ON FILE #148
2	149	384	281-376	40						2 RAW SWEEPS (1-48 + 49-96) + 1 (73-96) CORRELATION FOR QUALITY CONTROL
3	150	386	283-378	42						MADE ON FILE #149
4										FINISHED FOR THE DAY
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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>44/100 1.4900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS				OBSERVER J.O. <b>SIMMONS/KRAMER</b>	PARTY MGR.

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

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

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-19-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>OVERCAST</b>	LINE NO. <b>4</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				215	Out	Out		O.B. SET UP BETWEEN STA'S 355-356
2 934-935	EINT	2 --- "								
3 936-939	DRD	4 --- "								
4 953-954	SUM TEST	2 --- "								
5 960-961	NRJ	2 --- "								
6 890	SIMILARITY	1 --- 3 SEC		5					50%	
7 151	WIND STRIP	1 --- 6 SEC								CHECKING LINE
8 152	388	285-380	2			215			70%	1-96 CORRELATION MADE ON FILE #152: E.O.F #152 ON REEL #215, B.O.F #153 ON REEL #216
9 153	390	287-382	4			216				FILE #900-10 SEC ALLONS
10 154	392	289-384	6							
11 155	394	291-386	8							
12 156	396	293-388	10							
13 157	398	295-390	12							
14 158	400	297-392	14							
15 159	402	299-394	16							
16 160	404	301-396	18							
17 161	406	303-398	20							
18 162	408	305-400	22							
19 163	410	307-402	24							
20 164	412	309-404	26			216				E.O.F #164 ON REEL #216, B.O.F #165 (WIND STRIP) ON REEL #217, FILE #900-10 SEC ALLONS
21 166	414	311-406	28			217				
22 167	416	313-408	30							
23 168	418	315-410	32							
24 169	420	317-412	34							1-96 CORRELATION MADE ON FILE #169
25 170	422	319-414	36							

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>4-41100 1-4900</b>	TYPE GEOPHONE <b>ETL-FV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS				OBSERVER/I.O. <b>SIMMONS/KRAMER</b>	PARTY MGR.

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

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

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-19-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>OVERCAST</b>		LINE NO. <b>4</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 ~	70 ~	
1	424	321-416	38	5		217	Out	Out	70%	RAW SWEEP MADE ON FILE #172
2	426	323-418	40							
3	428	325-420	42							
4	430	327-422	44							
5	432	329-424	46							
6										FINISHED FOR THE DAY
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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-Y1100 1-Y900</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS				OBSERVER/J.O. <b>SIMMONS/KRAMER</b>	LINE DIR. 1 TO 24 <b>E → W</b>
				PARTY MGR.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-20-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>HILLY</b>	WEATHER <b>OVERCAST-WINDY</b>	LINE NO. <b>4</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 ~	% B.P.	
1	933	PULSE TEST	1			217	Out	Out		O.B. Set up BETWEEN STA'S 402 - 403
2	934-935	EINT	2							
3	936-939	DRD	4							
4	953-954	SUM TEST	2							
5	960-961	NRJ	2							
6	890	SIMILARITY	1						50%	
7	176	WIND STRIP	1							CHECKING LINE
8	177	434	331-426	1		217			70%	196 CORRELATION MADE ON FILE #177; E.O.F. #177 ON REEL #217; B.O.F. #178 ON REEL #218
9	178	436	333-428	3		218				FILE #900-10SEC. ALLONES
10	179	438	335-430	5						
11	180	440	337-432	7	4					VIB. #12667 DOWN DUE TO BROKEN WELD ON LIFT CYLINDER Time 10:45
12	181	442	339-434	9						
13	182	444	341-436	11						
14	183	446	343-438	13						
15	184	448	345-440	15						FIXING BAD STATIONS
16	185	450	347-442	17						V.P. #450 STACKED ON LAST HALF DUE TO CABIN
17	186	452	349-444	19						
18	187	454	351-446	21						V.P. #454 STACKED ON FIRST HALF DUE TO HOUSE
19	188	456	353-448	23						
20	189	458	355-450	25						
21	190	460	357-452	27		218				E.O.F. #190 ON REEL #218; B.O.F. #191 (WIND STRIP) ON REEL #219; FILE #900-10SEC. ALLONES
22	192	462	359-454	29	5	219				VIB. #12667 BACK IN LINE
23	193	464	361-456	31						RAW SWEEP MADE ON FILE #193
24	194	466	363-458	33						V.P. #466 STACKED ON FIRST HALF DUE TO BRIDGE
25	195	468	365-460	35						V.P. #468 STACKED ON LAST HALF DUE TO BRIDGE

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>4-91100 1-4900</b>	TYPE GEOPHONE <b>ETL-FV22B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS				OBSERVER/J.O. <b>SIMMONS/KRAMER</b>	PARTY MGR.

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

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

CLIENT <b>COCORP</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GEORGIA</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-20-78</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>OVERCAST</b>	LINE NO. <b>4</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 ~	% DRIVE	
1	470	367-462	37	5		219	Out	Out	70%	1-96 CORRELATION MADE ON FILE #196
2	472	369-464	39							E.O.F #197 ON REEL #219
3										FINISHED FOR THE DAY
4										
5										
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9										
10										E.O.L.
11										
12										DEC. 21 RAINED OUT: PICKING UP LINE 4
13										MOVE TO TENN.
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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-Y1100 1-4900</b>	TYPE GEOPHONE <b>ETL-EV2213</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS				OBSERVER/J.O. <b>SIMMONS/KRAMER</b>	LINE DIR. 1 TO 24 <b>E→W</b>
				PARTY MGR.	