

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

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

CLIENT COCORP	AREA Wyo LINE #5	STATE Wyo	COUNTY Albany	DATE 9-24-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear	LINE NO. 5	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDF SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER		REMARKS
							LOCUT	60~	
1933	PULSE	1 - 6 SEC				609	Out	IN	RECORDER SET UP BETWEEN SKAS # 72 & 73
234-935	EINT	2 - " "							B.O.T. # 609 FILE # 900-10 SEC. ALLONES.
936-939	DRD	4 - " "							
953-954	Sum Test	2 - " "							
960-961	NRS Test	2 - " "							
6932	Similarity	1 - 22 SEC.		4					50%
7001	WIND STRIP	1 - 6 SEC.							CHECKING LINE
8002	102	1 - 96	1	4					70% 1-96 CORRELATION MADE ON FILE # 002
9003	104	3 - 98	3						
10004	106	5 - 100	5						
11005	108	7 - 102	7						
12006	110	9 - 104	9			609			E.O.T. # 609
13007	112	11 - 106	11			610			B.O.T. # 610 FILE # 900-10 SEC. ALLONES.
14008	114	13 - 108	13						
15009	116	15 - 110	15						
16010	118	17 - 112	17						
17011	120	19 - 114	19						
18012	122	21 - 116	21						
19013	123	22 - 117	22						
20	SKIP	23 - 118	23						V.P. # 123 STACKED ON FIRST HALF DUE WATER WELL.
21014	126	25 - 120	25			610			V.P. # 124 SKIPPED DUE TO WATER WELL. E.O.T. # 610
22015	128	27 - 122	27			611			B.O.T. # 611 FILE # 900-10 SEC. ALLONES. RECORDER MOVE
23016	130	29 - 124	29						V.P. # 130 STACKED ON FIRST HALF DUE TO TRAILER HOUSE
24017	132	31 - 126	31						40% RECORDER SET UP BETWEEN SKAS # 95 + 96 V.P. # 132 STACKED ON LAST HALF DUE TO HOUSE.
25018	134	33 - 128	10						70%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
					MDS-10 SEGB MPX-28
SWEEP FREQUENCY 8-40 Hz / 22 SEC.	SWEEP PATTERN CODE # 4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 1111122222221111	CODE # 2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETLEV223	FREQUENCY 7.5 Hz	STATION INTERVAL 330
REMARKS 4 M.S. SAMPLE RATE	42 SEC. RECORD LENGTH	OBSERVER / 30 SIMMONS / KRAMER	PARTY MGR.	LINE DIR. 1 TO 24 E → W	

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DIGITAL VIBROSEIS RECORDER

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CLIENT COCORP	AREA WYO LINE #5	STATE WYO	COUNTY Albany
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear	LINE NO. 5

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 DRIVE	
1	019	136	35 - 130	12	4		611	OUT IN	70%	
2	020	138	37 - 132	14						3 RAW SWEEPS MADE ON FILE #020 (2 FOR QUALITY CONTROL & 1 FOR DR. KRAMER)
3	021	140	39 - 134	16						1-96 CORRELATION MADE ON FILE #021
4	022	142	41 - 136	18		611				E.D.T. #611
5	024	144	43 - 138	20		612				B.O.T. #612 FILE #900-10 SEC. ALLONE'S. FILE #023 WIND STRIP.
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

FINISHED FOR THE DAY.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-16 SEQ B MPX-120
SWEEP FREQUENCY 8-40 Hz / 2.2 SEC.	SWEEP PATTERN CODE # 4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 22222222 	CODE # 2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-4100 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4MS. SAMPLE RATE	1/2 SEC. RECORD LENGTH	OBSERVER J.O. SIMMONS/KRAMER	PARTY MGR.	LINE DIR. E → W	

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DIGITAL VIBROSEIS RECORDER

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CLIENT COCORP	AREA Wyo LINE #5	STATE Wyo	COUNTY Albany	DATE 9-25-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear		LINE NO. 5

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1	933	Pulse				612	Out	IN		RECORDER SET UP BETWEEN STAS #116-117
2	934	FIINT								
3	935	DRD								
4	936	Sum Test								
5	937	NRJ Test								
6	933	Similarity		4					50%	
7	025	Wind Strip								CHECKING LINE
8	026	146	45 - 140	1	4				70%	1-96 CORRELATION MADE ON FILE #026
9	027	148	47 - 142	3						
10	028	150	49 - 144	5						
11	029	152	51 - 146	7		612				E.O.T. #612
12	030	154	53 - 148	9		613				B.O.T. #613. FILE #900-10 SEC. ALLONES.
13	031	156	55 - 150	11						
14	032	158	57 - 152	13						
15	033	160	59 - 154	15						
16	034	162	61 - 156	17						
17	035	164	63 - 158	19						V.P. #164 STACKED ON FIRST HALF DUE TO HOUSE.
18	SKIP	166	65 - 160	21						V.P. #166 SKIPPED DUE TO HOUSE.
19	036	167	66 - 161	22						V.P. #167 STACKED ON LAST HALF DUE TO HOUSE.
20	037	168	67 - 162	23		613				E.O.T. #613
21	038	170	69 - 164	25		614				B.O.T. #614. FILE #900-10 SEC. ALLONES.
22	039	172	71 - 166	27						VIB #142516 HAD BAD EXCITATION CARD, REPLACED; MADE SIMILARITY & 2 TRUCKS, PAPER MONITOR ONLY.
23	040	174	73 - 168	29						
24	041	176	75 - 170	31						
25	042	178	77 - 172	33						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEG B MPX-128
SWEEP FREQUENCY 8-40 Hz / 22 SEC.	SWEEP PATTERN CODE # 4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 111122222222	CODE # 2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETK-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS YMS. SAMPLE RATE		OBSERVER / J.O. SIMMONS / KRAMER		LINE DIR. 1 TO 24 E → W	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

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CLIENT COCORP	AREA Wyo LINE #5	STATE Wyo	COUNTY Albany	DATE 9-25-79
CREW NO. 6834	TERRAIN Hilly	WEATHER DIRT ROAD CLEAR - Windy		LINE NO. 5

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	90~	
1	043	180	79 - 174	35	4	614	OUT	IN	70%	
2	044	182	81 - 176	37						
3	045	184	83 - 178	39		614				E.O.T. #614
4	046	186	85 - 180	41		615				B.O.T. #615; FILE #900-10 SEC. ALONGS FILE #046 WIND STRIP.
5	048	188	87 - 182	43						RAW SWEEP MADE ON FILE #048
6	049	190	89 - 184	45						1-96 CORRELATION MADE ON FILE #049
7	050	192	91 - 186	47						
8	051	194	93 - 188	49						
9										
10										FINISHED FOR THE DAY.
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. MDS-10 SEGB MPX-128
SWEEP FREQUENCY 8-40Hz/22 SEC.	SWEEP PATTERN CODE # 4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 22222222	CODE # 2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 1/3 M.S. SAMPLE RATE			OBSERVER / J.O. SIMMONS / KRAMER		PARTY MGR.
42 SEC. RECORD LENGTH					

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
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CLIENT COCORP	AREA Wyo. Line #5	STATE Wyo.	COUNTY ALBANY	DATE 9-26-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear - Windy	DIRT ROAD	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60~	
1	933	PULSE	1			615	OUT	IN	RECORDER SET UP BETWEEN STA. 15# 166 + 167
2	934	EINT	2						
3	936	DRD	4						
4	934	SUM TEST	2						
5	934	NRT TEST	2						
6	932	Similarity	1	4				50%	
7	052	Wind Strip	1			615			CHECKING LINE E.D.T # 615
8	053	196	95 - 190	1	4	616		70%	1-96 CORRELATION MADE ON FILE # 053 B.D.T. # 616 FILE # 900-10 SEC ALLONES.
9	054	198	97 - 192	3					
10	055	200	99 - 194	5					
11	056	202	101 - 196	7					
12	057	204	103 - 198	9					
13	058	206	105 - 200	11					
14	059	208	107 - 202	13					
15	060	210	109 - 204	15		616			E.D.T # 616
16	061	212	111 - 206	17		617			B.D.T. # 617; FILE # 900-10 SEC ALLONES.
17	062	214	113 - 208	19					
18	063	216	115 - 210	21					
19	064	218	117 - 212	23					
20	065	220	119 - 214	25					
21	066	222	121 - 216	27					
22	067	224	123 - 218	29					
23	068	226	125 - 220	31		617			E.D.T # 617
24	069	228	127 - 222	33		618			B.D.T # 618 FILE # 900-10 SEC ALLONES. WIND PICKING UP
25	070	230	129 - 224	35					RAW SWEEP MADE ON FILE # 070.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEGB MPX-128
SWEEP FREQUENCY 8-40 Hz / 22 SEC.	SWEEP PATTERN CODE # 4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 22222222 (CODE # 2125)	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 ¹⁵ 1-4000	TYPE GEOPHONE ETH - EV228	FREQUENCY 25 Hz	STATION INTERVAL 330'
REMARKS 4ms Sample Rate	42 SEC RECORD LENGTH	OBSERVER SIMMONS/KRAMER	PARTY MGR.	LINE DIR. 1 TO 24 E → W.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc. 6

CLIENT COCORP	AREA WY. LINE #5	STATE WY	COUNTY ALBANY	DATE 9-26-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear - Windy		LINE NO. 5

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS	
							LOCUT	60 ~	% ATTEN		
1	071	232	131 - 226	37	4		618	OUT	IN	70%	
2	072	234	133 - 228	39							1-96 CORRELATION MADE ON FILE #072.
3	073	236	135 - 230	41							
4	074	238	137 - 232	43							
5	075	240	139 - 234	45							
6	076	242	141 - 236	47		618					E.O.T. #618
7	078	244	143 - 238	49		619					B.O.T. #619. FILE #900-10 SEC. ALL ONES. FILE #077 WIND STRIP
8	079	246	145 - 240	1							RECORDER SET UP BETWEEN STAS #216+217
9											
10											FINISHED FOR THE DAY.
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. MDS-10 SEGB MPX-128
SWEEP FREQUENCY 8-40Hz/22sec.	SWEEP PATTERN CODE #4163	SWEEPS PER PATTERN 110	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 111122222221111	CODE #2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-91100 1-9900	TYPE GEOPHONE ETLEV223	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS YMS. SAMPLE RATE		42 SEC. RECORD LENGTH		OBSERVER/J.S.O. SIMMONS/KRAMER	PARTY MGR.

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT CDCORP	AREA Wy LINE #5	STATE Wy	COUNTY Albany	DATE 9-27-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear	LINE NO. 5	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	50 ~	
1 933	PULSE	1 - 6 SEC				619	OUT	IN		RECORDER SET UP BETWEEN STAS # 218-219
934-935	BRINT	2 - " "								
936-939	DRD	4 - " "								
953-954	SUM TEST	2 - " "								
960-961	NRJ TEST	2 - " "								
6 932	SIMILARITY	1 - 22 SEC.		4					50%	
7 080	WIND STRIP	1 - 6 SEC.								CHECKING LINE
8 081	248	147 - 242	1	4					70%	1-96 CORRELATION MADE ON FILE # 081
9 082	250	149 - 244	3							
10 083	252	151 - 246	5			619				E.O.T. # 619
11 084	254	153 - 248	7			620				B.D.T. # 620; FILE # 900-10 SEC. ALLONES.
12 085	256	155 - 250	9							
13 086	258	157 - 252	11							
14 087	260	159 - 254	13							
15 088	262	161 - 256	15							
16 089	264	163 - 258	17							
17 090	266	165 - 260	19							
18 091	268	167 - 262	21			620				E.O.T. # 620
19 092	270	169 - 264	23			621				B.D.T. # 621; FILE # 900-10 SEC. ALLONES.
20 093	272	171 - 266	25							
21 094	274	173 - 268	27							
22 095	276	175 - 270	29							
23 096	278	177 - 272	31							
24 097	280	179 - 274	33							
25 098	282	181 - 276	35							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEGB MPX-12B
SWEEP FREQUENCY 8-40 Hz / 22 SEC.	SWEEP PATTERN CODE # 4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 1111222222221111	CODE # 2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 1/2 S. SAMPLE RATE	4/2 SEC. RECORD LENGTH	OBSERVER/S.O. SIMMONS/KRAMER	PARTY MGR.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc. 8

CLIENT COCORP	AREA WYLINE #5	STATE WY.	COUNTY ALBANY	DATE 9-27-79
CREW NO. 6834	TERRAIN Hilly	WEATHER DIRT ROAD CLEAR - WINDY		LINE NO. 5

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60~	
1	099	284	183-278	37	4	621	OUT	IN 70%	E.D.T #621
2	101	286	185-280	39		622			B.D.T #622; FILE #900-10 SEC. ALLONES; FILE #100 WIND STRIP
3	102	288	187-282	41					1-96 CORRELATION MADE ON FILE #102.
4	103	290	189-284	43					RAW SWEEP MADE ON FILE #103.
5	104	292	191-286	45					
6									
7									FINISHED FOR THE DAY.
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. MDS-10 SEGB MPX-128
SWEEP FREQUENCY 8-40 Hz / 22 SEC.	SWEEP PATTERN CODE #4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 111122222221111	CODE # 2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETL-EV223	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS Y.M.S. SAMPLE RATE		OBSERVER / J.O. SIMMONS / KRAMER		LINE DIR. 1 TO 24 E → W	
42 SEC. RECORD LENGTH			PARTY MGR.		

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DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
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Geosource Inc. 9

CLIENT COCORP	AREA Wyo. Line #5	STATE Wyo.	COUNTY ALBANY	DATE 9-28-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear - Windy		LINE NO. 5

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	50~	
1	PULSE	1 - 6 SEC				622	OUT	IN		RECORDER SET UP BETWEEN STA'S 264-265
2	EINT	2 - " "								
3	DRD	4 - " "								
4	Sum IEST	2 - " "								
5	NRT IEST	2 - " "								
6	932 Similarity	1 - 22 SEC		4					50%	
7	105 Wind Strip	1 - 6 SEC								Checking WINE
8	106 294	193 - 288	1	4		622			70%	1-96 CORRELATION MADE ON FILE #106 E.O.T #622
9	107 296	195 - 290	3			623				B.O.T #623; FILE #900-10 SEC. ALLONE'S.
10	108 298	197 - 292	5							
11	109 300	199 - 294	7							
12	110 302	201 - 296	9							
13	111 304	203 - 298	11							
14	112 306	205 - 300	13							
15	113 308	207 - 302	15							STANDING BY TO REPAIR BROKEN HOSE ON VIB. #126666.
16	114 310	209 - 304	17			623				E.O.T #623
17	116 312	211 - 306	19			624				B.O.T #624; FILE #900-10 SEC. ALLONE'S; FILE #115 WIND STRIP.
18	117 314	213 - 308	21							3 RAW SWEEPS MADE ON FILE #117 (2 FOR QUALITY CONTROL & 1 FOR DR. KAO F.M.A.N.).
19										
20										FINISHED FOR THE DAY.
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEG B MPX-128
SWEEP FREQUENCY 8-40 Hz / 22 SEC	SWEEP PATTERN CODE # 4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 2222 X 2222 (CODE # 2125)	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE E76-EV223	FREQUENCY 75 Hz.	STATION INTERVAL 330'
REMARKS 4 M.S. Sample Rate	42 SEC. RECORD LENGTH	OBSERVER SIMMONS/KRAMER	PARTY MGR.	LINE DIR. E. → W.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division**
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CLIENT COCORP	AREA Wyo. LINE #5	STATE Wyo.	COUNTY ALBANY	DATE 10-1-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR & Windy	LINE NO. 5	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP/SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	933 PULSE	1 - 6 SEC.				624	Out	IN		RECORDER SET UP BETWEEN STA'S 286 & 287
2	934 BINT	2 - " "								
3	935 DRD	4 - " "								
4	936 Sum Test	2 - " "								
5	937 NRT Test	2 - " "								
6	932 Similarity	1 - 22 SEC.		5					50%	
7	118 Wind Strip	1 - 6 SEC.							70%	Checking Line
8	119 316	215 - 310	1							1-96 CORRELATION MADE ON FILE #119
9	120 318	217 - 312	3							
10	121 320	219 - 314	5			624				E.O.T. # 624
11	122 322	221 - 316	7			626				B.O.I. 626. (REEL # 625 Monthly Tests). FILE # 900-10 SEC. ALL ONE'S
12	123 324	223 - 318	9							
13	124 326	225 - 320	11							
14	125 328	227 - 322	13							
15	126 330	229 - 324	15							Wind picking up
16	127 332	231 - 326	17							
17	128 334	233 - 328	19							
18	129 336	235 - 330	21			626				E.O.T. # 626
19	130 338	237 - 332	23			627				B.O.I. # 627 FILE # 900-10 SEC. ALL ONE'S
20	131 340	239 - 334	25							
21	132 342	241 - 336	27							
22	133 344	243 - 338	29							
23	134 346	245 - 340	31							
24	135 348	247 - 342	33							
25	136 350	249 - 344	35							E.O.T. # 627

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40Hz / 22 SEC.		SWEEP PATTERN CODE # 2163		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 111122222221111 (CODE # 2125)			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-9100'S 1-9900	TYPE GEOPHONE E.T.G. - EV22B	FREQUENCY 2.5 Hz	STATION INTERVAL 330'
REMARKS			OBSERVER Simmons/Kramer	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

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

CLIENT COCORD	AREA Wood Line #5	STATE W.V.	COUNTY PLATT	DATE 10-1-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear & Windy		LINE NO. 5

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	352	251-346	37	5		628	Out	TN	70%	BOT. #268 FILE #900-10 SEC. ALL ONE'S. FILE #138 Wind Strip. →
2	354	253-348	39			628				
3	356	255-350	41							
4	358	257-352	43							
5	360	259-354	45							
6	362	261-356	47							
7	364	263-358	49							
8										Finished FOR THE DAY
9										
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TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz / 22 SEC		SWEEP PATTERN CODE # 5163		SWEEPS PER PATTERN 16	
SWEPT PATTERNS PER SETUP 1		PATCH PATTERN 2222X22211111 (CODE # 2125)			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-91100's 1-9900	TYPE GEOPHONE ETH - EV22B	FREQUENCY 25 Hz	STATION INTERVAL 330'
REMARKS			OBSERVER SIMMONS/KEAMER	LINE DIR. 1 TO 24 E → W	
			PARTY MGR.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
Division**
Geosource Inc. 12

CLIENT COCORP	AREA Wy LINE #5	STATE Wy	COUNTY Albany	DATE 10-2-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear - Very Windy		LINE NO. 5

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	1-6sec.			628	OUT	IN	RECORDER SET UP BETWEEN STAS #336-337
2	934	EINT	2-						
3	936	DRD	4-						
4	953	SUMTEST	2-						
5	960	NRJ Test	2-						
6	932	SIMILARITY	1-2.2sec.	5					50% VIB #14256 DOWN DUE TO BROKEN SHAKER LEG.
7	145	WIND STRIP	1-6sec.			628			CHECKING LINE: WIND GUSTING VERY HARD. E.O.T. #628
8	146	366	265-360	1	4	629			70% 1-96 CORRELATION MADE ON FILE #146 BOT. #629; FILE #900-10sec. Allones.
9									
10									DOWN DUE TO WINDY CONDITIONS (SEE WIND STRIP)
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. MDS-10 SEGB MPX-128
SWEEP FREQUENCY 8.40 Hz / 2.2 SEC.	SWEEP PATTERN CODE #4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 1111222222221111	CODE # 2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-9160 1-9900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4ms SAMPLE RATE			OBSERVER S. O. SIMMONS / KRAMER		LINE DIR. 1 TO 24 E → W
PARTY MGR.					

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc. 13

CLIENT COCORP	AREA Wyo. LINE #5	STATE Wyo	COUNTY ALBANY	DATE 10-3-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear & Cold		LINE NO. 5

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	80 ~	
1 933	PULSE	1 - 6 SEC.				629	OUT	TN		RECORDER SETUP BETWEEN STA'S 336 & 337
274 935	EINI	2 - " "								
376 939	DRD	4 - " "								
432 954	SUM TEST	2 - " "								
960 961	NRJ TEST	2 - " "								
6 932	Similarity	1 - 2.29 SEC.		5					50%	
7 147	Wind Strip	1 - 6 SEC.								CHECKING LINE
8 148	368	267 - 362	3	5					70%	1-96 CORRELATION MADE ON FILE #148
9 149	370	269 - 364	5	4						VIB #12667 DOWN DUE TO LOSS OF A.T.F.
10 150	372	271 - 366	7							
11 151	374	273 - 368	9			629				E.O.T. #629
12 152	376	275 - 370	11			630				B.O.T. #630; FILE #900-10 SEC. ALLONES.
13 153	378	277 - 372	13							
14 154	380	279 - 374	15							
15 155	382	281 - 376	17							
16 156	384	283 - 378	19							
17 157	386	285 - 380	21							
18 158	388	287 - 382	23							
19 159	390	289 - 384	25			630				E.O.T. #630
20 160	392	291 - 386	27			631				B.O.T. #631; FILE #900-10 SEC. ALLONES.
21 161	394	293 - 388	29							
22 162	396	295 - 390	31							
23 163	398	297 - 392	33							1-96 CORRELATION MADE ON FILE #163.
24 164	400	299 - 394	35							3 RAW SWEEPS MADE ON FILE #164. (2 FOR QUALITY CONTROL & 1 FOR DR. KAUFMAN.)
25 165	402	301 - 396	37							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEGB MPX-128
SWEEP FREQUENCY 8-40 Hz / 22 SEC.	SWEEP PATTERN CODE # 5163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 222 x 222	(CODE # 225)
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100 1-4900	TYPE GEOPHONE 5th - EV 223	FREQUENCY 75 Hz.	STATION INTERVAL 330'
REMARKS 4 m.s. Sample Rate		OBSERVER Simmons/Kramer		LINE DIR. 1 TO 24 E. → W.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

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

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CLIENT COCORP	AREA Wy LINE #5	STATE Wy	COUNTY Albany	DATE 10-3-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear - Windy	LINE NO. 5	

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	404	303-398	39	4		631	Out	IN	70%	
2	406	305-400	41			631				E.O.T.#631
3	408	307-402	43			632				B.O.T.#632, FILE #900-10 SEC. ALONES; FILE #168 WIND STRIP.
4	410	309-404	45							
5	412	311-406	47			632				E.O.T.#632.
6										Picking up LINE #5 AND Laying out LINE #6.
7										
8										FINISHED FOR THE DAY
9										
10										E.O.L. #5
11										
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TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEGB MPX-128
SWEEP FREQUENCY 8-40 Hz / 22 SEC	SWEEP PATTERN CODE #4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 2222 2222	CODE #2125
GEOPHONES PER PATCH 2.4	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-4100 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4 M.S. SAMPLE RATE		OBSERVER / J.O. SIMMONS / KRAMER		PARTY MGR.	
		42 SEC RECORD LENGTH		LINE DIR. 1 TO 24 E. → W.	