

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA WY LINE #6	STATE WY	COUNTY Albany	DATE 10-4-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear Cool Windy		LINE NO. 6

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				633	OUT	IN		B.O.T. #633. FILE #900-10 SEC. ALLONES.
2 934-935	EINT	2 - " "								Will BE pushing LINE #6
3 936-939	DRD	4 - " "								RECORDER SET UP BETWEEN STAKES #78+79
4 953-954	SUM TEST	2 - " "								
5 960-961	NRJ TEST	2 - " "								
6 932	Similarity	1 - 22 SEC		5					50%	
7 001	Wind Strip	1 - 6 SEC	1							CHECKING LINE.
8 002	1	7 - 102	1	5					70%	1-96 CORRELATION MADE ON FILE #002
9 003	3	9 - 104	3							Wind picking up, GUSTING HARD AT TIMES!
10 004	5	11 - 106	5	4						VIB #12667 DOWN DUE TO BAD INSTRUMENT FAN, REPLACING NOW.
11 005	7	13 - 108	7							
12 006	9	15 - 110	9							
13 007	11	17 - 112	11			633				E.D.T. #633
14 008	13	19 - 114	13			634				B.O.T. #634. FILE #900-10 SEC. ALLONES.
15 009	15	21 - 116	15							RAW SWEEP MADE ON FILE #009.
16 010	17	23 - 118	17	5						VIB #12667 BACK IN LINE.
17 011	19	25 - 120	19							
18 012	21	27 - 122	21							
19 013	23	29 - 124	23							1-96 CORRELATION MADE ON FILE #013
20 014	25	31 - 126	25							
21 015	27	33 - 128	27			634				E.D.T. #634
22 017	29	35 - 130	29			635				B.O.T. #635. FILE #900-10 SEC. ALLONES. FILE #016 WIND STRIP.
23 018	31	37 - 132	31							
24 019	33	39 - 134	33							
25 020	35	41 - 136	35							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEG B MPX-12B
SWEEP FREQUENCY 8-40 Hz/22 SEC	SWEEP PATTERN CODE #5163	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 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4m.s. SAMPLE RATE		42 SEC. RECORD LENGTH		OBSERVER J.S.O.	PARTY MGR. SIMMONS/KRAMER

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

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2

CLIENT COCORP	AREA Wy LINE #6	STATE Wy	COUNTY Albany	DATE 10-4-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear Windy	LINE NO. 6	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CBP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	80~	% SW	
1	021	37	43 - 138	37	5	635	OUT	IN	70%	
2	022	39	45 - 140	39						
3										
4										
5										
6										
7										
8										
9										
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23										
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FINISHED FOR THE DAY.

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 # 5163	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 4-Y1100 1-Y900	TYPE GEOPHONE FTL-EV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 4m.s. Sample Rate	42sec. RECORD Length	OBSERVER J.O. SIMMONS / KRAMER	PARTY MGR. ED	LINE DIR. 1 TO 24 N. → S.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

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3

CLIENT COCORP	AREA Wyo. LINE #6	STATE Wyo.	COUNTY ALBANY	DATE 10-5-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear & Cool & Windy		LINE NO. 6

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDF SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	EXP	
1	Pulse	1 — 6 SEC				635	Out	IN	50%	RECORDER SETUP BETWEEN STA'S 118-119
24-925	EINT	2 — " "								
26-929	DRD	4 — " "								
43-954	Sund Test	2 — " "								
80-961	NRT TEST	2 — " "								
6	932	Simikreity		5					50%	
7	023	Wind Strip				632				Checking Line E.O.I. #632
8	024	41	47 — 142	1	5	636			70%	B.O.I. #636. FILE #900-10 SEC. ALL ONE'S. 1-9% CORRELATION MADE ON FILE #024
9	025	43	49 — 144	3						
10	026	45	51 — 146	5						
11	027	47	53 — 148	7						
12	028	49	55 — 150	9						
13	029	51	57 — 152	11						
14	030	53	59 — 154	13						
15	031	55	61 — 156	15		636				E.O.I. #636
16	032	57	63 — 158	17		637				B.O.I. #637. FILE #900-10 SEC. ALL ONE'S
17	033	59	65 — 160	19						
18	034	61	67 — 162	21						
19	035	63	69 — 164	23						
20	036	65	71 — 166	25						
21	037	67	73 — 168	27						RAW SWEEPS MADE ON FILE #037 (FOR DR. KAUFMAN & FOR Quilley Comco)
22	038	69	75 — 170	29						
23	039	71	77 — 172	31		637				E.O.I. #637
24	040	73	79 — 174	33		638				B.O.I. 638. FILE #900-10 SEC. ALL ONE'S
25	041	75	81 — 176	35						

Pop

Pop

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 2222222222 (CODE # 225)	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-4100'S 1-4800	TYPE GEOPHONE ETH-EL228	FREQUENCY 25 Hz.	STATION INTERVAL 530'
REMARKS 4m.s. Sample Rate	42 SEC. RECORD LENGTH.	OBSERVER Simmons/Kearner	PARTY MGR.	LINE DIR. N → S.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

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4

CLIENT COCORP	AREA Wy LINE #6	STATE Wy	COUNTY Albany	DATE 10-5-79
CREW NO. 6834	TERRAIN Hilly DIRT ROAD	WEATHER CLEAR - WINDY	LINE NO. 6	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	77	83 - 178	37	5		638	Out	IN	70%	
2	79	85 - 180	39							
3	81	87 - 182	41							
4	83	89 - 184	43							
5	85	91 - 186	45							
6	87	93 - 188	47							
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TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEGB MPX-128
SWEEP FREQUENCY 8-40Hz/22SEC.	SWEEP PATTERN CODE #5163	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 4-4100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 1/2 sec. Sample Rate			OBSERVER J.S. SIMMONS / KRAMER		LINE DIR. 1 TO 24 N. → S.

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

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5

CLIENT COCORP	AREA WY LINE #6	STATE WY	COUNTY Albany	DATE 10-8-79
CREW NO. 6834	TERRAIN HILLY	WEATHER DIRT ROAD CLEAR - WINDY	LINE NO. 6	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER		REMARKS
							LOCUT	60 ~	
1933	PULSE	1-6 SEC				638	OUT	IN	RECORDER SET UP BETWEEN STATIONS #162+163
934-935	EINT	2- " "							
936-937	DRD	4- " "							
953-954	Sum Test	2- " "							
960-961	NRJ Test	2- " "							
6932	SIMILARITY	1-22 SEC		5					50%
7046	WIND STRIP	1-6 SEC				638			CHECKING LINE; E.D.T.#638
8047	85	91-186	31	5		639			70% 1-96 CORRELATION MADE ON FILE #047 B.D.T.#639 FILE #900-10SEC ALLOUES.
9048	87	93-188	33						
10049	89	95-190	35						
11050	91	97-192	37						
12051	93	99-194	9						
13052	95	101-196	11						
14053	97	103-198	13						
15054	99	105-200	15	4		639			VIB.#12667 DOWN DUE TO BLOWN FREEZE PLUG. E.D.T.#639
16055	101	107-202	17			640			B.D.T.#640; FILE #900-10SEC ALLOUES.
17056	103	109-204	19						
18057	105	111-206	21						
19058	107	113-208	23						
20059	109	115-210	25	5					VIB.#12667 BACK IN LINE.
21060	111	117-212	27						
22061	113	119-214	29						
23062	115	121-216	31			640			E.D.T.#640. WIND PICKING, GUSTING HARD AT TIMES.
24063	117	123-218	33			641			B.D.T.#641; FILE #900-10SEC ALLOUES.
25064	119	125-220	35						3RAW SWEEPS MADE ON FILE #064. (2 FOR QUALITY CONTROL & 1 FOR DR. KAVEMAN.)

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 22222222	CODE #2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR -4100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4m.s. SAMPLE RATE			OBSERVER/J.O. SIMMONS/KRAMER		PARTY MGR.
42 SEC RECORD LENGTH			LINE DIR. 1 TO 24 N ₀ → W ₀		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

6

CLIENT COCORP	AREA WYLINE #6	STATE Wy	COUNTY Albany	DATE 10-8-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear - Windy	LINE NO. 6	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	%REV	
1	065	121	127-222	37	5	641	OUT	IN	70%	
2	066	123	129-224	39	4					1-96 CORRELATION MADE ON FILE # 0660.
3	067	125	131-226	41						VIB # 12667 DOWN DUE TO BAD FUEL.
4	068	127	133-228	43	5					VIB # 12667 BACK IN LINE.
5	069	129	135-230	45						
6	070	131	137-232	47		641				Highway # 287 CROSSES LINE BETWEEN ST. # 230-232. ST. # 231 WILL BE OPEN FOR HIGHWAY E. OF # 641
7	072	133	139-234	49		642				B.O.T. # 642. FILE # 900-10 SEC. ALLONES. FILE # 071 WIND SE. R.P.
8										
9										FINISHED FOR THE DAY.
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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 # 5163	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 4-4100 1-4900	TYPE GEOPHONE LTL-EV22B	FREQUENCY 75 Hz	STATION INTERVAL 3.30'
REMARKS 4m.s. Sample Rate		42 SEC RECORD LENGTH		OBSERVER J.S.O. SIMMONS/KRAMER	LINE DIR. N → S

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
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CLIENT COCORP	AREA Wyo. LINE #6	STATE Wyo	COUNTY ALBANY	DATE 10-9-79
CREW NO. 6834	TERRAIN Hilly	WEATHER OVERCAST-COLD	LINE NO. 6	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	500 ~	
1	PULSE	1 - 6 SEC				642	OUT	IN		RECORDER SETUP BETWEEN STA'S 212 & 213.
2	ELNI	2 - " "								* STA # 231 OPEN DUE TO HIGHWAY # 30
3	DRD	4 - " "								* STA # 235 OPEN DUE TO RAILROAD TRACKS, HEAVY RAILROAD TRAFFIC.
4	SUND TEST	2 - " "								
5	NRT TEST	2 - " "								
6	932 Similarity	1 - 22 SEC		5					50%	
7	073 WIND STRIP	1 - 6 SEC								CHECKING WINE. STAND BY FOR TRAIN.
8	074 135	141 - 236	1						70%	1-96 CORRELATION ON FILE # 074
9	075 137	143 - 238	3							
10	076 139	145 - 240	5							
11	077 141	147 - 242	7			642				STANDING BY FOR TRAIN. EOT # 642
12	078 143	149 - 244	9			643				BOT # 643. FILE # 900-10 SEC. ALL ONE'S
13	079 145	151 - 246	11							
14	080 147	153 - 248	13							
15	081 149	155 - 250	15							STANDING BY FOR TRAIN
16	082 151	157 - 252	17							
17	083 153	159 - 254	19							
18	084 155	161 - 256	21							
19	085 157	163 - 258	23			643				EOT 643
20	087 159	165 - 260	25			644				BOT # 644. FILE # 900-10 SEC. ALL ONE'S. FILE # 086 WIND STRIP
21	088 161	167 - 262	27							STANDING BY FOR TRAIN. RAW SWEEP MADE ON FILE # 088
22	089 163	169 - 264	29							
23	090 165	171 - 266	30							
24	091 167	173 - 268	33							
25	092 169	175 - 270	35	5						STANDING BY FOR TRAIN

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	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 2222 2222 (CODE # 2125)	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-1100'S 1-9000	TYPE GEOPHONE E.T.H. - EV 22 B	FREQUENCY 2.5 Hz	STATION INTERVAL 330'
REMARKS	OBSERVER SIMMONS/KRAMER		PARTY MGR.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services 4
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Geosource Inc.

CLIENT COCORP	AREA Wyo. LINE #6	STATE Wyo.	COUNTY ALBANY	DATE 10-9-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Cloudy - Cold	LINE NO. 6	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	171	177 - 272	37	4		644	Out	IN	70%	VIB 14256 Down Due to Broken Cooler. Unit is
2	173	179 - 274	39			644				BOT. #644
3	175	181 - 276	41			645				BOT. #645. FILE #900-10 SEC. ALL ONES
4										FINISHED FOR THE DAY
5										
6										
7										
8										
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TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-110 Hz / 22 SEC	SWEEP PATTERN CODE #5163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 222222 (CODE #125)	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-9100'S 1-900	TYPE GEOPHONE ETH - F1223	FREQUENCY 25 Hz	STATION INTERVAL 730'
REMARKS				OBSERVER SIMMONS/KRAMER	PARTY MGR.

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
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Geosource Inc.**

9

CLIENT COCORP	AREA WYLINE #6	STATE WY	COUNTY ALBANY	DATE 10-10-79
CREW NO. 6834	TERRAIN Hilly DIRT ROAD	WEATHER CLEAR - COOL - WINDY		LINE NO. 6

REC. NO.	SWEEP POINT	PATCH LOCATIONS	COP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60.~	SEAVE	
1	933	PULSE	1			645	OUT	IN		RECORDER SET UP BETWEEN STAS #254+255.
234-935	EINT	2								
936-939	DRD	4								
943-954	Sum Test	2								
960-961	NRJ Test	2								
6	932	SIMILARITY	1	22					50%	
7	096	WIND STRIP	1	6						CHECKING LINE.
8	097	177	183	278	1				70%	1-96 CORRELATION MADE ON FILE #097. VIB #12666 DOWN DUE TO BROKEN COLOU. 3
9	098	179	185	280	3					WIND PICKING UP; GUSTING HARD AT TIMES.
10	099	181	187	282	5					
11	100	183	189	284	7			645		E.O.T. #645; FILE #900 SHOULD HAVE BEEN FILE #100 MISS WRITE.
12	101	185	191	286	9			646		B.O.T. #646; FILE #900-10 SEC. ALLONES.
13	102	187	193	288	11					
14	103	189	195	290	13					
15	104	191	197	292	15					STANDING BY FOR TRAIN.
16	105	193	199	294	17					
17	106	195	201	296	19					
18	107	197	203	298	21	5				STANDING BY FOR TRAIN. VIB #12666 BACK IN LINE.
19	108	199	205	300	23			646		E.O.T. #646 STANDING BY FOR TRAIN.
20	109	201	207	302	25			647		B.O.T. #647; FILE #900-10 SEC. ALLONES. STANDING BY FOR TRAIN.
21	110	203	209	304	27					STANDING BY FOR TRAIN.
22	111	205	211	306	29					
23	112	207	213	308	31					1-96 CORRELATION MADE ON FILE #112.
24	113	209	215	310	33					
25	114	211	217	312	35					RAW SWEEP MADE ON FILE #114. STANDING BY FOR TRAIN

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz / 22 SEC.		SWEEP PATTERN CODE # 163	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 #4100 1-4900	TYPE GEOPHONE ETL-EV223	FREQUENCY 75 Hz	STATION INTERVAL 330'
REMARKS Y.M.S. SAMPLE RATE		42 SEC. RECORD LENGTH	OBSERVER SIMMONS / KRAMER	PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
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10

CLIENT COCORP	AREA WV. LINE #6	STATE WV	COUNTY ALBANY	DATE 10-10-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear-Windy	LINE NO. 6	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	80~	
1	213	219-314	37	5		647	Out	IN	70%	Wind picking up, gusting hard
2	215	221-316	39			647				EOT #647
3										Down Due to Wind:
4										
5										
6										
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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	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 111122222221111 (CODE # 2125)			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100'S 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 25 Hz	STATION INTERVAL 330'
REMARKS 4ms Sample Rate 1/2 SEC. RECORD LENGTH			OBSERVER SIMMONS/KRAMER	LINE DIR. 1 TO 24 N. → S.	
				PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
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Geosource Inc.**

CLIENT COCORP	AREA WV LINE # 6	STATE W.V.	COUNTY ALBANY	DATE 10-11-79
CREW NO. 6834	TERRAIN Hills	WEATHER Clear - Windy	LINE NO. 6	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60 ~	
1 933	Pulse	1 - 6 SEC.				648	Out	TN	BOL # 648, FILE # 900-10 SEC. ALL ONE'S RECORDER SETUP BETWEEN STA'S 293 & 294
2 934	ELNI	2 - " "							
3 935	DRD	4 - " "							
4 936	SUM WEST	2 - " "							
5 937	NRT EAST	2 - " "							
6 938	Similarity	1 - 2.5 SEC.		5				50%	Checking LINE
7 117	Wind Strip	1 - 6 SEC.						70%	
8 118	217	223 - 318	2	5					1-96 CORRELATION MADE ON FILE # 118
9 119	219	225 - 320	4						STANDING BY FOR TRAIN
10 120	221	227 - 322	6						" " " "
11 121	223	229 - 324	8						STANDING BY FOR TRAIN.
12 122	225	231 - 326	10			648			
13 123	226	232 - 327	11			649			E.O.T. # 648
14 124	227	233 - 328	12						B.O.T. # 649; FILE # 900-10 SEC. ALL ONE'S.
15 125	228	234 - 329	13						
16 126	229	235 - 330	14						
17	SKIP	237 - 332	16						V.P's # 231 - 237 SKIPPED DUE TO HWY # 287, RR TRACKS & HOUSES.
18	SKIP	239 - 334	18						
19	SKIP	241 - 336	20						
20	SKIP	243 - 338	22						V.P. # 239 SKIPPED ON LAST HALF DUE TO HOUSES.
21 127	239	245 - 340	24						
22 128	240	246 - 341	25						
23 129	241	247 - 342	26						
24 130	242	248 - 343	27						
25 130	243	249 - 344	28			649			E.O.T. # 649

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEGB MPX-128
SWEEP FREQUENCY 8-40 Hz / 2.5 SEC	SWEEP PATTERN CODE # 5163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 1111222222211111	(CODE 2125)
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-7100'S 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 2.5 Hz	STATION INTERVAL 530'
REMARKS 1/2 S. SAMPLE RATE			OBSERVER SIMMONS/KRAMER		LINE DIR. 1 TO 24 N → S

GEO-252-B

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

12

CLIENT COCORP	AREA Wy LINE # 6	STATE Wy	COUNTY Albany	DATE 10-11-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear - Windy		LINE NO. 6

REC. NO.	SWEEP POINT	PATCH LOCATIONS	ODP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS	
							LOCUT	60 ~	30 ~		
1	133	245	251-346	30	5		650	Out	IN	70%	B.O.T. #650. File #900-10SEC. Allone's. File #132. Wind Strip.
2	134	247	253-348	32							RAW SWEEP MADE ON FILE #134.
3	135	249	255-350	34							1-96 CORRELATION MADE ON FILE #135.
4	136	251	257-352	36							Wind picking up, gusting.
5	137	253	259-354	38							
6	138	255	261-356	40							
7	139	257	263-358	42							
8	140	259	265-360	44			650				E.D.T. #650.
9	141	261	267-362	46			651				B.O.T. #651. File #900-10SEC. Allone's. Standing By For Train.
10	142	263	269-364	48							
11											
12											FINISHED FOR THE DAY.
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 #5163	SWEEPS PER PATTERN 110	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 1111222222221111	CODE #2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-9100 1-9900	TYPE GEOPHONE E.T.L.-EV22B	FREQUENCY 7.5Hz	STATION INTERVAL LINE DIR. 1 TO 24 N → S
REMARKS 4m.s. Sample Rate	42 SEC. RECORD LENGTH	OBSERVER/JO SIMMONS/KRAMER	PARTY MGR.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

13

CLIENT COCORP	AREA WY. LINE #6	STATE WY	COUNTY ALBANY	DATE 10-12-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear - Cool - Windy		LINE NO. 6

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60	30	
1 933	PULSE	1 — 6 SEC				651	OUT	IN		RECORDER SET UP BETWEEN STAS # 342 + 343
834-935	EINT	2 — " "								
936-939	DRD	4 — " "								
953-954	SUM TEST	2 — " "								
960-961	NRJ TEST	2 — " "								
6 932	SIMILARITY	1 — 22 SEC		5					50%	
7 143	WIND STRIP	1 — 6 SEC								CHECKING LINE
8 144	265	271 - 366	1	5					70%	1-96 CORRELATION MADE ON FILE #144
9 145	267	273 - 368	3							
10 146	269	275 - 370	5							
11 147	271	277 - 372	7			651				E.O.T. #651
12 148	273	279 - 374	9			652				B.O.T. #652; FILE #900-10 SEC. ALLONE'S.
13 149	275	281 - 376	11							3 RAW SWEEPS MADE ON FILE #149 (2 FOR QUALITY CONTROL + 1 FOR DR. KAUFMAN.)
14 150	277	283 - 378	13							
15 151	279	285 - 380	15							
16 152	281	287 - 382	17						40%	V.P. #281 STUCK ON LAST HALF DUE TO HOUSE + BARN.
17 153	283	289 - 384	19						70%	
18 154	285	291 - 386	21							
19 155	287	293 - 388	23			652				E.O.T. #652
20 156	289	295 - 390	25			653				B.O.T. #653; FILE #900-10 SEC. ALLONE'S.
21 157	291	297 - 392	27							
22 158	293	299 - 394	29							
23 159	295	301 - 396	31							
24 160	297	303 - 398	33							
25 161	299	305 - 400	35							

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	PATCH PATTERN 1111222-22221111	CODE # 2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-8200 1-8900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 75 Hz	STATION INTERVAL 330
REMARKS Vms Sample Rate		42 SEC. RECORD LENGTH		OBSERVER / JO SIMMONS / KRAMER	PARTY MGR.

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

14

CLIENT COCORP	AREA WY. LINE #6	STATE WY.	COUNTY ALBANY	DATE 10-12-79
CREW NO. 6834	TERRAIN Hilly DIRT ROAD	WEATHER CLEAR - WINDY	LINE NO. 6	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDF SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	301	307 - 402	37	5		653	Out	IN	70%	
2	303	309 - 404	39			653				E.O.T.#653.1-96 CORRELATION MADE ON FILE #163
3	305	311 - 406	41			654				B.O.T.#654; FILE #900-10 SEC ALLOES, FILE #164 WIND STRIP.
4	307	313 - 408	43							
5	309	315 - 410	45							
6	311	317 - 412	47							
7	313	319 - 414	49							
8										FINISHED FOR THE DAY.
9										
10										
11										
12										
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19										
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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 #163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 2222222	CODE #2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-9100 1-4900	TYPE GEOPHONE L-TEV223	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4m.s. Sample Rate	42 SEC RECORD LENGTH	OBSERVER/JO SIMMONS/KRAMER	PARTY MGR.	LINE DIR. 1 TO 24 N → S	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

15

CLIENT COCORP	AREA Wyo. Line #6	STATE Wyo	COUNTY ALBANY	DATE 10-15-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear & Windy	LINE NO. 6	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	80 ~	HP	
1	933	PULSE	1			654	Out	IN	20dB	RECORDER SET UP BETWEEN STA'S 344 & 345
2	934	EINT	2							Will be shooting thru spread as per Dr.
3	939	DRD	4							Kaufman's Request, to finish line #6
4	934	SUM TEST	2							Wind picking up
5	934	NRT TEST	2							
6	932	Similarity	1	5		654			50%	E.O.I. #654
7	170	Wind Strip	1			655				BOT. #655. FILE #900-10 SEC. ALL ONE'S. CHECKING LINE
8	171	315	309	321-415	37				70%	1-96 CORRELATION MADE ON FILE #171
9	172	319	309	315X325-415	37					
10	173	323	309	317X329-415	37					
11	174	327	309	321X333-415	37					
12	175	331	309	325X337-415	37					
13	176	335	309	329X341-415	37					
14	177	339	309	333X345-415	37					
15	178	343	309	337X349-415	37	655				E.O.I. #655
16	179	347	309	341X353-415	37	656				BOT. #656. FILE #900-10 SEC. ALL ONE'S
17	180	351	309	345X357-415	37					RAW SWEEP MADE ON FILE #180
18	181	404	398	303-311	31					
19	182	405	399	304	32					
20	183	406	400	305	33					
21	184	407	401	306	34					
22	185	408	402	307	35					
23	186	409	403	308	36	656				E.O.I. #656
24	188	410	404	309	37	657				BOT. #657. FILE #900-10 SEC. ALL ONE'S. FILE #187 - Wind Strip.
25	189	411	405	310	38					1-96 CORRELATION MADE ON FILE #188

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	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 22222222 (CODE 2125)			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100's	TYPE GEOPHONE 576 - EV22B	FREQUENCY 2.5 Hz	STATION INTERVAL 330'
REMARKS 4ms SAMPLE RATE		42 SEC. RECORD LENGTH		OBSERVER SIMPSONS	PARTY MGR.

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

16

CLIENT COCORP	AREA Wyo. Line 6	STATE Wyo	COUNTY ALBANY	DATE 10-15-79
CREW NO. 6834	TERRAIN Hills	WEATHER Cloudy - Windy	LINE NO. 6	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	80 ~	20% 20% 20%	
1	412	406 - 311	39	5		657	Out	IN	20%	
2	413	407 - 312	40							
3	414	408 - 313	41							
4	415	409 - 314	42			657				E.O.L. # 657
5										
6										
7		E.O.L.								E.O.L. # 6 picking up line, moving to Kan.
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
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21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40Hz / 27.5Sec	SWEEP PATTERN CODE # 5163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 2222222222 (CODE # 2125)	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-9100'S 1-4000	TYPE GEOPHONE ET6 - E1122 B	FREQUENCY 25Hz.	STATION INTERVAL 350'
REMARKS	OBSERVER SYMMONS			LINE DIR. 1 TO 24 N → S.	
	PARTY MGR.				