

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT **COCORP** AREA **Wyoming LINE # 3** STATE **Wyo** COUNTY **LARAMIE** DATE **8-22-79**
 CREW NO. **6834** TERRAIN **Rolling Hills** WEATHER **Clear** LINE NO. **3**

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CBP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP DRIVE	
1 933	PULSE	1 — 6 SEC.				549	OUT	IN		
934-935	EINT	2 — "								
936-939	DRD	4 — "								
953-954	Sum TEST	2 — "								
960-961	NRJ-TEST	2 — "								
6 932	Similarity	1 — 22 SEC.		4					50%	
7 001	WIND STRIP	1 - 6 SEC								
8 002	48 1/2	48 - 96	24	4					70%	
9 003	- 1/2	48 - 96	24							
10 004	96	48 - 96	24							
11 005	142	48 - 96	24							
12 006	102	4 - 99	4			549				FILE # 006 WIND STRIP 6 SEC. F.D.T. # 549
13 008	105	4 - 99	4			550				B.O.T. # 550 FILE # 900 POSTED AT HOME
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 SEG B MPX-128**

SWEEP FREQUENCY **8-40 Hz / 22 SEC.** SWEEP PATTERN _____ SWEEPS PER PATTERN _____ SWEEP PATTERNS PER SETUP _____ PATCH PATTERN _____

GEOPHONES PER PATCH _____ NO. OF RECORDING PATCHES _____ TYPE VIBRATOR **3-4/1100** TYPE GEOPHONE **ETL-EV22B** FREQUENCY **7.5 Hz** STATION INTERVAL _____ LINE DIR. **E → W**

REMARKS **4ms. SAMPLE RATE** **42 SEC. RECORD LENGTH** OBSERVER / S.O. **SIMMON / KRAMER.** PARTY MGR. _____

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CLIENT COCORP	AREA Wyoming Line #3	STATE Wyo.	COUNTY LARAMIE	DATE 8-22-79
CREW NO. 6834	TERRAIN Rolling Hills	WEATHER CLEAR	LINE NO. 3	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1	008	4-99	4	4		550	Out	IN	70%	BOT # 550. FILE # 900-10 SEC. ALL ONE'S WILL START LINE # 3 PULLING LINE. (FILE # 001-007) EXPERIMENTAL) WILL BE USING 1650' OFFSET.
2	009	6-101	6							
3	010	8-103	8					50%		
4	011	10-105	10					70%		
5										
6										FINISHED FOR THE DAY.
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEC B MPX-12B
SWEEP FREQUENCY 8-40Hz/22SEC	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'S	TYPE GEOPHONE 576-EV22B	FREQUENCY 25Hz.	STATION INTERVAL 330'
REMARKS 4ms SAMPLE RATE 42 SEC RECORD LENGTH		OBSERVER SIMMONS/KRAMER		LINE DIR. E → W	

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CLIENT COCORP	AREA Wyoming Line # 3	STATE Wyo.	COUNTY LARAMIE	DATE 8-23-79
CREW NO. 6834	TERRAIN Rolling Hills	WEATHER CLEAR	LINE NO. 3	

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	932 Pulse	1 - 6 SEC				550	Out	IN		RECORDER SET UP BETWEEN STA'S 83 & 84
2	937 EINT	2 - " "								
3	936-939 DRD	4 - " "								
4	954-955 SUM TEST	2 - " "								
5	960-961 NRJ TEST	2 - " "								
6	952 SINDILARITU	1 - 22 SEC		4					50%	
7	012 WIND STRIP	1 - 6 SEC								CHECKING LINE
8	013 115	12 - 107							70%	1-96 CORRELATION MADE ON FILE # 013
9	014 115	14 - 109	3			550				E.O.T. # 550
10	015 117	16 - 111	5			551				B.O.T. # 551, FILE # 900-10 SEC. ALLOWED.
11	016 119	18 - 113	7							
12	017 121	20 - 115	9							
13	018 123	22 - 117	11							
14	019 125	24 - 119	13							
15	020 127	26 - 121	15							
16	021 129	28 - 123	17							
17	022 131	30 - 125	19			551				E.O.T. # 551
18	023 133	32 - 127	21			552				B.O.T. # 552 FILE # 900-10 SEC. ALLOWED.
19	024 135	34 - 129	23							
20	025 137	36 - 131	25							
21	026 139	38 - 133	27							
22	027 141	40 - 135	29							
23	SKIP 143	42 - 137	31							V.P. # 143 SKIPPED DUE TO WATER WELL.
24	028 145	44 - 139	33							
25	029 146	45 - 140	34							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-11
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 "	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100'S 1-4900	TYPE GEOPHONE ETL-FV 22 B	FREQUENCY 25 Hz.	STATION INTERVAL -
REMARKS 4MS SAMPLE RATE 4/2 SEC. RECORD LENGTH		OBSERVER SIMMONS/K-			

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CLIENT CDCORP	AREA Wyoming LINE #3	STATE Wyo.	COUNTY LARAMIE	DATE 8-23-79
CREW NO. 6834	TERRAIN Rolling Hills	WEATHER CLEAR	LINE NO. 3	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	030	147	46 - 141	35	4	552	OUT	IN	70%	E.O.T.#552
2	032	149	48 - 143	37		553				T.O.T.#553 File#900-10SEC. AllONE'S. File#031 WIND STRIP.
3	033	151	50 - 145	39						1-96 CORRELATION MADE ON FILE #033.
4	034	153	52 - 147	41						3RAWSWEEPS MADE ON FILE #034 (2 FOR QUALITY CONTROL + 1 FOR DR. KAUFMAN.)
5	035	155	54 - 149	43						
6	036	157	56 - 151	45						
7	037	158	57 - 152	46					50%	V.P.#158 STACKED ON FIRST HALF DUE TO WATER WELL.
8	SKIP	159	58 - 153	47						V.P.#159 SKIPPED DUE TO WATER WELL.
9	038	161	60 - 155	49						RECORDER MOVE.
10	039	163	62 - 157	26		553				RECORDER SETUP BETWEEN SEA #108 + 109 E.O.T.#553
11	040	164	63 - 158	27		554				T.O.T.#554 File#900-10SEC. AllONE'S.
12	SKIP	165	64 - 159	28						V.P.#165 SKIPPED DUE TO INTERSTATE #25.
13										
14										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. MDS-10 SEGB MPX-128
SWEEP FREQUENCY 8-40Hz/22SEC.	SWEEP PATTERN CODE#4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	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 7.5Hz	STATION INTERVAL 330'
REMARKS 4m.s. SAMPLE RATE		OBSERVER/S.O. SIMMONS/KRAMER		LINE DIR. 1 TO 24 E → W	
42SEC. RECORD LENGTH			PARTY MGR.		

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CLIENT **COCORP** AREA **Wyoming Line #3** STATE **Wyo.** COUNTY **LARAMIE** DATE **8-24-79**
 CREW NO. **6834** TERRAIN **Rolling Hills** WEATHER **Clear** LINE NO. **3**

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP %	
1	PULSE	1 - 6 SEC				554	Out	IN		RECORDER SET UP BETWEEN STA'S 137+138
2	EINT	2 - " "								LINE CROSSES INTERSTATE #25 BETWEEN STA'S #165-167.
3	DRD	4 - " "								
4	SUM TEST	2 - " "								
5	WRITE TEST	2 - " "								
6	932 Similarity	1 - 22 SEC		4					50%	
7	041 Windstrip	1 - 6 SEC								Checking line
8	042 167	66 - 161	1	4					70%	1-96 CORRELATION MADE ON FILE #042.
9	043 169	68 - 163	3							
10	044 171	70 - 165	5							
11	045 173	72 - 167	7						50%	Sta #166 will be open due to interstate #25.
12	SKIP 175	74 - 169	9							V.P. #175 SKIPPED DUE TO WALK ONLY PERMIT.
13	046 177	76 - 171	11			554				E.O.T. #554
14	047 178	77 - 172	12			555			70%	B.O.T. #555 FILE #900-10 SEC. ALLONES.
15	048 179	78 - 173	13							
16	049 181	80 - 175	15							
17	050 183	82 - 177	17							V.P. #183 STACKED ON FIRST HALF DUE TO PIPELINE.
18	051 185	84 - 179	19							V.P. #185 STACKED ON LAST HALF DUE TO PIPELINE.
19	052 187	86 - 181	21							
20	053 189	88 - 183	23						50%	V.P. #189 STACKED ON FIRST HALF DUE TO HOUSE. 1-96 CORRELATION MADE ON FILE #053.
21	SKIP 191	90 - 185	25							IRAWSWEEP MADE ON FILE #053. V.P. #191 SKIPPED DUE TO HOUSE.
22	054 193	92 - 187	27			555			40%	V.P. #193 SKIPPED ON LAST HALF DUE TO HOUSE. E.O.T. #555
23	056 194	93 - 188	28			556			70%	B.O.T. #556 FILE #900-10 SEC. ALLONES. FILE #055 WINDSTRIP.
24	057 195	94 - 189	29							
25	058 197	96 - 190	31							FINISHED FOR THE DAY.

TOTAL SETUPS _____ TOTAL SWEEPS _____ TOTAL COVERAGE _____ TOTAL FIELD TIME _____ DRIVING TIME _____ SYSTEM NO. **MDS-10563MPX-28**

SWEEP FREQUENCY **8-40 Hz/22 SEC.** SWEEP PATTERN **CODE # 4163** SWEEPS PER PATTERN **16** SWEEP PATTERNS PER SETUP **1** PATCH PATTERN **|||||2222X222||||| (CODE # 2125)**

GEOPHONES PER PATCH **24** NO. OF RECORDING PATCHES **96** TYPE VIBRATOR **3-41100'S 1-4900** TYPE GEOPHONE **ETH-EV22B** FREQUENCY **25 Hz.** STATION INTERVAL **330'** LINE DIR. **1 TO 24 E → W**

REMARKS **4 nos. SAMPLE RATE 4.2 SEC. RECORD LENGTH** OBSERVER/JO **SIMMONS/KRAMER** PARTY MGR. _____

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CLIENT **COCORP** AREA **Wyoming Line #3** STATE **Wyo** COUNTY **LARAMIE** DATE **8-29-79**

CREW NO. **6834** TERRAIN **Rolling Hills** WEATHER **Clear & Windy, Partly Cloudy** LINE NO. **3**

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	933	PULSE	1			556	Out	IN		RECORDER SET UP BETWEEN STA'S 168-169
2	934	EINT	2							★ STA. #166 OPEN DUE TO EXPRESSWAY #I-25
3	936	DRD	4							
4	934	Sum TEST	2							
5	960	NRJ TEST	2							
6	932	Similarity	1						50%	
7	059	Wind Scrip	1							CHECKING LINE
8	060	198	97	1					70%	1-96 CORRELATION MADE ON FILE # 060
9	Skip	199	98	2						
10	061	201	100	4		556				E.O.T. #556
11	062	203	102	6		557				V.P. # 203 STACKED ON FIRST HALF DUE TO WATER WELL. B.O.T. #557
12	063	205	104	8						* FILE #900-10 SEC. ALLOWES. V.I. #205 STACKED ON LAST HALF DUE TO WATER WELL
13	064	207	106	10						
14	065	209	108	12						
15	066	201	110	14						
16	067	213	112	16						
17	068	215	114	18						
18	069	217	116	20		558				E.O.T. #557
19	070	219	118	22		558				B.O.T. #558 FILE #900-10 SEC. ALLOWES.
20	071	221	120	24						
21	072	223	122	26						WIND PICKING UP (GUSTING). STORM MOVING IN.
22	073	225	124	28						
23	074	227	126	30						STANDING BY, FOR LIGHTNING + THUNDER STORM.
24		229	128	32						
25										FINISHED FOR THE DAY DUE TO LIGHTNING + THUNDER STORMS

TOTAL SETUPS _____ TOTAL SWEEPS _____ TOTAL COVERAGE _____ TOTAL FIELD TIME _____ DRIVING TIME _____ SYSTEM NO. **MDS-10 SEG B MPX-138**

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 **3-4100'S** TYPE GEOPHONE **ETL-EV223** FREQUENCY **25 Hz.** STATION INTERVAL **330'** LINE DIR. **E. → W.**

REMARKS **4MS SAMPLE RATE** **42 SEC RECORD LENGTH.** OBSERVER **JO SIMMONS/KRAMER** PARTY MGR. _____

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Petty-Ray Geophysical
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Geosource Inc.

CLIENT COCORP	AREA Wuoming Line #3	STATE Wyo.	COUNTY LARAMIE	DATE 8-28-79
CREW NO. 6834	TERRAIN Rolling Hills	WEATHER Clear	LINE NO. 3	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	933	PULSE 1 - 6 SEC				558	OUT	IN		RECORDER SET UP BETWEEN STA ¹⁵ 199-200
2	934	EINT 2 - " "								
3	936-939	DRD 4 - " "								
4	953+954	SUM TEST 2 - " "								
5	960+961	NRT TEST 2 - " "								
6	932	Similarity 1 - 22 SEC		4					50%	
7	075	Wind Strip 1 - 6 SEC				558				CHECKING LINE. E.O.T #558
8	076	229 128 - 223	1	4		559			20%	B.O.T #559 FILE #900-10 SEC. ALONE'S. 1-96 CORRELATION MADE ON FILE #D76
9	077	231 130 - 225	3							
10	078	233 132 - 227	5							
11	079	235 134 - 229	7							
12	080	237 136 - 231	9							
13	081	239 138 - 233	11							
14	082	241 140 - 235	13							
15	083	242 142 - 236	14			559				E.O.T #559 FILE #202 SHOULD HAVE BEEN FILE #084
16	084	243 142 - 237	15			560			50%	B.O.T #560 FILE #900-10 SEC. ALONE'S. FILE #057 SHOULD HAVE BEEN FILE #084
17	085	244 143 - 238	16							
18	086	245 144 - 239	17						70%	
19	087	246 145 - 240	18							
20	088	247 146 - 241	19							
21	089	248 147 - 242	20							
22	090	249 148 - 243	21							
23	091	250 149 - 244	22			560				E.O.T #560
24	093	251 150 - 245	23			561				B.O.T #561 FILE #900-10 SEC. ALONE'S. FILE #092 WIND STRIP
25	SKIP	253 152 - 247	25							1-96 CORRELATION MADE ON FILE #093. 3 RAW SWEEPS MADE ON FILE #093

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-16 SEG B MPX-12B
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 3-4100 1-4900	TYPE GEOPHONE ETL - EV22B	FREQUENCY 25 HZ.	STATION INTERVAL 330'
REMARKS 4 M.S. SAMPLE RATE		42 SEC. RECORD LENGTH.		OBSERVER SIMMONS / KRAMER	PARTY MGR.

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CLIENT CDCORP	AREA WYOMING LINE #3	STATE WYO.	COUNTY LARAMIE	DATE 8-28-79
CREW NO. 6834	TERRAIN Rolling Hills DIRT ROAD	WEATHER CLEAR	LINE NO. 3	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60~	
1	SKIP	255	154 - 249	27	4	561	Out	IN	
2	"	257	156 - 251	29					V.P.'s #253-293 SKIPPED, DUE TO WALK ONLY PERMIT
3	"	259	158 - 253	31					VIBS. MAKING LONG GO AROUND.
4	"	261	160 - 255	33					
5	"	263	162 - 257	35					
6	SKIP	265	164 - 259	37					
7	"	267	166 - 261	39					
8	"	269	168 - 263	41					
9	"	271	170 - 265	43					
10	"	273	172 - 267	45					
11	SKIP	275	174 - 269	47					
12	"	277	176 - 271	49					RECORDER MOVE
13	"	279	178 - 273	-					RECORDER SET UP BETWEEN STAS #245 & 246
14	"	280	180 - 275	-					
15	"	283	182 - 277	-					
16	SKIP	285	184 - 279	-					
17	"	287	186 - 281	-					
18	"	289	188 - 283	-					
19	"	291	190 - 285	-					
20	SKIP	293	192 - 287	-					
21	094	294	193 - 288	20				70%	
22	095	295	194 - 289	21					
23									
24									
25									FINISHED FOR THE DAY.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEG-13 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 3-4100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 HZ	STATION INTERVAL 330'
REMARKS 4ms. SAMPLE RATE	42 SEC. RECORD LENGTH.	OBSERVER 150	SIMMONS/KRAMER	PARTY MGR.	LINE DIR. 1 TO 24 E → W

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CLIENT	COCORP	AREA	Wuoming LINE # 3	STATE	WYO.	COUNTY	LARAMIE	DATE	8-29-79
CREW NO.	6834	TERRAIN	Rolling Hills	WEATHER	CLEAR	LINE NO.		3	

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 ~	20 ~	
1	PULSE	— 6 SEC				561	OUT	IN		RECORDER SET UP BETWEEN STA'S 245-246
934-935	EINI	2 — " "								
936-939	DRD	4 — " "								
934-951	SUM TEST	2 — " "								
960-961	NRI TEST	2 — " "								
6	932 Similarity	1 — 22 SEC		4					50%	
7	096 Windstrip	1 — 16 SEC								CHECKING LINE
8	097 296	195-290	22	4					70%	1-96 CORRELATION MADE ON FILE #097
9	098 297	196-291	23			561				E.O.T.#561
10	099 298	197-292	24			562				B.O.T.#562 FILE #900-10 SEC. ALLONE'S.
11	100 299	198-293	25							
12	101 300	199-294	26							
13	102 301	200-295	27							
14	103 302	201-296	28							
15	104 303	202-297	29							
16	105 305	204-299	31							
17	106 307	206-301	33			562				E.O.T.#562
18	107 309	208-303	35			563				B.O.T.#563 FILE #900-10 SEC. ALLONE'S.
19	108 311	210-305	37							
20	109 313	212-307	39							
21	110 315	214-309	41							
22	111 317	216-311	43							
23	112 319	218-313	45							
24	113 321	220-315	47							
25	114 323	222-317	49			563				RECORDER MOVE: E.O.T.#563

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
					MDS-10 SEGB MPX-128
SWEEP FREQUENCY	SWEEP PATTERN	SWEEPS PER PATTERN	SWEEP PATTERNS PER SETUP	PATCH PATTERN	
8-40 Hz / 22 SEC	CODE #4163	16	1	1111222222221111	CODE #2125
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
24	96	3-4100 1-4900	ETL-EV22B	7.5 Hz.	330'
REMARKS	OBSERVER / S.O		PARTY MGR.		
4ms. SAMPLE RATE	42 SEC. RECORD LENGTH		SIMMONS / KRAMER		

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CLIENT CDCORP	AREA Wyoming Line #3	STATE Wyo.	COUNTY LARAMIE	DATE 8-29-79
CREW NO. 6834	TERRAIN Rolling Hills Dirt Road	WEATHER Clear to Partly Cloudy	LINE NO. 3	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	SDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS	
							LOCUT	60 ~		
1	325	224-319	2	4		564	OUT	IN	70%	RECORDERS SET UP BETWEEN STAS. #294+295 T.O.T. #564 File #900-10 SEC. <i>Alloves?</i> *FILE #115 WIND STRIP. RAW SWEEP MADE ON FILE #118 1-96 CORRELATION MADE ON FILE #121 FINISHED FOR THE DAY.
2	327	226-321	4							
3	329	228-323	6							
4	331	230-325	8							
5	333	232-327	10							
6	335	234-329	12							
7	337	236-331	14							
8	339	238-333	16							
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 1	PATCH PATTERN 111122222221111	CODE # 2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-Y1100 1-Y900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4 m.s. SAMPLE RATE.			OBSERVER J.O. SIMMONS/KRAMER		LINE DIR. 1 TO 24 E → W
			PARTY MGR.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA Wyoming Line #3	STATE Wyo.	COUNTY LARAMIE	DATE 8-30-79
CREW NO. 6834	TERRAIN Rolling Hills	WEATHER Clear	LINE NO. 3	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	% DRIVE	
1	933 PULSE	1-6 SEC.				564	Out	TN		RECORDED RECORDER SET UP BETWEEN STA. 311 & 312
2	934 FINI	2- " "				565				BOI. #565. FILE #900-10 SEC. ALLOWES.
3	935 DRD	4- " "								
4	936 SUM TEST	2- " "								
5	937 NRT TEST	2- " "								
6	932 GIMMILARITY	1-22 SEC.		4					50%	
7	124 WIND STRIP	1-6 SEC.								CHECKING LINE
8	125 341	240-335	1	4					70%	1-96 CORRELATION MADE ON FILE #125
9	126 343	242-337	3							
10	127 345	244-339	5							
11	128 347	246-341	7							
12	129 349	248-343	9							
13	130 351	250-345	11			565				E.O.T. #565
14	131 353	252-347	13			566				B.O.T. #566 FILE #900-10 SEC. ALLOWES.
15	132 355	254-349	15							
16	133 356	255-350	16							
17	134 357	256-351	17							
18	135 358	257-352	18							V.P. #358 STACKED ON FIRST HALF DUE TO DAM.
19	SKIP 359	258-353	19							V.P. #359 SKIPPED DUE TO DAM.
20	136 360	259-354	20							V.P. #360 STACKED ON LAST HALF DUE TO DAM.
21	SKIP 361	260-355	21							
22	SKIP 363	262-357	23							V.P. #361-365 SKIPPED DUE TO RANCH.
23	SKIP 365	264-359	25							
24	137 367	266-361	27							
25	138 368	267-362	28			566				E.O.T. #566

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEGR 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 # 225)
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-9100 1-4900	TYPE GEOPHONE ETG-EV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 330'
REMARKS 4 M.S. SAMPLE RATE		OBSERVER SIMMONS/KRAMER		LINE DIR. E → W	
42 SEC. RECORD LENGTH			PARTY MGR.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

Petty-Ray Geophysical 12
Division
Geosource Inc.

CLIENT CDCORP	AREA Wyoming LINE #3	STATE Wyo	COUNTY LARAMIE	DATE 8-30-79
CREW NO. 10834	TERRAIN Rolling Hills DIRT ROAD	WEATHER CLEAR to PARTLY CLOUDY	LINE NO. 3	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	STOP	
1	369	268-363	29	4		567	OUT	IN	70%	B.O.T.#567, FILE #900-10SEC. ALLONES. FILE #139 WIND STRIP.
2	371	270-365	31							FILE #002 should HAVE BEEN FILE #140: STAs #365+364 OPEN DUE TO RANCH.
3	373	272-367	33							FILE #567 should HAVE BEEN FILE #41-MTM-16 MISS FILE NUMBERS.
4	375	274-369	35							
5	377	276-371	37							RAW SWEEP MADE ON FILE #144
6	379	278-373	39							1-96 CORRELATION MADE ON FILE #145.
7	381	280-375	41							
8	383	282-377	43			567				E.O.T.#567
9	385	284-379	45			568				B.O.T.#568, FILE #900-10SEC. ALLONES.
10	387	286-381	47							
11										FINISHED FOR THE DAY.
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-16 SEGB MPX-128
SWEEP FREQUENCY 8-40Hz/22SEC.	SWEEP PATTERN CODE #4163	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 3-41100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5Hz	STATION INTERVAL 33'
REMARKS 4MS SAMPLE RATE	42 SEC RECORD LENGTH	OBSERVER/J.O. SIMMONS/KRAMER	PARTY MGR.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc. 13

CLIENT COCOCP	AREA Wyoming Line #3	STATE WYO.	COUNTY LARAMIE	DATE 8-31-79
CREW NO. 6834	TERRAIN Rolling Hills	WEATHER CLEAR & Windy	LINE NO. 3	

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	
1 933 933	PULSE	1 - 6 Sec				568	Out	IN		RECORDER SET UP BETWEEN STA'S 359 & 360
934 935	EINT	2 - " "								★ STA'S 364 & 365 OPEN DUE TO RANCH.
936 937	DRD	4 - " "								
938 939	Sum TEST	2 - " "								
940 941	NRT TEST	2 - " "								
6 932	Similarity	1 - 22 Sec		4					50%	
7 150	Wind Strip	1 - 6 Sec								CHECKING LINE
8 151	389	288 - 383	1						70%	T-96 CORRELATION MADE ON FILE #151
9 152	391	290 - 385	3							
10 153	393	292 - 387	5							
11 154	395	294 - 389	7			568				E.O.I. #568
12 155	397	296 - 391	9			569				B.O.I. #569. FILE #900-10 SEC. ALL ONE'S
13 156	399	298 - 393	11							
14 157	401	300 - 395	13							
15 158	403	302 - 397	15							
16 159	405	304 - 399	17							3 RAW SWEEPS (FOR DR. KAUFMAN) 2 FOR QUALITY CONTROL MADE ON FILE #159
17 160	407	306 - 401	19							
18 161	409	308 - 403	21							
19 162	411	310 - 405	23			569				E.O.I. #569
20 164	413	312 - 407	25			570				B.O.I. #570. FILE #900-10 SEC ALL ONE'S. FILE #163 WIND STRIP.
21 165	415	314 - 409	27							T-96 CORRELATION MADE ON FILE #164
22 166	417	316 - 411	29							
23 167	421 ⁴¹⁹	318 - 413	31							RECORDER MOVE DUE TO POOR DAIDO RECEPTION
24 168	423 ⁴²¹	320 - 415	33							RECORDER SET UP BETWEEN STA'S 369 & 370
25 169	425 ⁴²³	322 - 417	35							RECORDER MOVE DUE TO POOR DAIDO RECEPTION

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz / 22 SEC.		SWEEP PATTERN CODE # 4163		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 2222 2222 			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 2-4000 1-4000	TYPE GEOPHONE ET6-EV22B	FREQUENCY 25 Hz	STATION INTERVAL 330'
REMARKS 4 MS SAMPLE RATE 42 SEC RECORD LENGTH.			OBSERVER SIMMONS/KRAMER	LINE DIR. 1 TO 24 E → W	

ROLAND,
ON O.B. SHEET DATED
8-31-79 V.P.'S 421-431 NUMBERD
WRONG (EX. V.P.# 421 SHOULD HAVE
BEEN NUMBERD V.P.# 419). ~~WRONG~~
~~THE~~ PATCH LOCATION 4 C.D.P. SW.
CORRECT, SWEEP POINT JUST
NUMBERD WRONG FROM V.P.# 421-
431. ON O.B. SHEET.

ON O.B. SHEET DATED
9-5-79 V.P.'S 433-469 2 POS.
OFF ON C.D.P. SW. POSITION,
SHOULD BE 2 POS. FORWARD
(EX. C.D.P.# 2 SHOULD BE #4
ECT... ECT.) ON REEL'S # 571-573

DUE TO NUMBERING ERROR ON
O.B. SHEET DATED 8-31-79 V.P.# 431 SKIPPED

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

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CLIENT COCORP	AREA Wyo. Line #3	STATE Wyo.	COUNTY LARAMIE	DATE 8-31-79
CREW NO. 6834	TERRAIN Rolling Hills	WEATHER Clear & Windy	LINE NO. 3	

DROP
DROP

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	427	324-419	1	4		570	Out	IN	70%	RECORDED set up BETWEEN STA'S 395 & 396
2	429	326-421	3			570				E.O.T. # 570
3	431	328-423	5			571				B.O.T. # 571. FILE 900-10 SEC. ALL ONE'S
4										
5										FINISHED FOR THE DAY
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz / 22 SEC.	SWEEP PATTERN CODE # 4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 22222222 	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-4100 1-2900	TYPE GEOPHONE ETG-EV223	FREQUENCY 25 Hz.	STATION INTERVAL 330'
REMARKS 4ms SAMPLE RATE 4/2 SEC. RECORD LENGTH.	OBSERVER/NO SIMMONS/KRAMER	PARTY MGR.	LINE DIR. E → W.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc. 15

CLIENT CDCORP	AREA Wyoming LINE #3	STATE Wyo	COUNTY LARAMIE	DATE 9-4-79
CREW NO. 6834	TERRAIN Rolling Hills	WEATHER Clear + Windy	LINE NO. 3	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP DRIVE	
1	PULSE	1-10SEC		4		571	Out	IN		RECORDER SET UP BETWEEN STA'S #400+401
274-935	EINT	2-11"								
936-939	DRD	4-11"								
938-954	Sum TEST	2-11"								
960-961	NRJ TEST	2-11"								
6	932 Similarity	1-22SEC		4					50%	
7	173 WINDSERIO	1-10SEC								CHECKING LINE
8	173	330-425		4					70%	1-96 CORRELATION MADE ON FILE #174
9	433	332-427								VIB #17311 DOWN DUE TO BAD SERVO VALVE
10	437	334-429								DOWN FOR THE DAY.
11	439	336-431								
12	441	338-433								
13	443	340-435								
14	445	342-437								

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 1111222222221111	CODE # 2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-9100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4ms. SAMPLE RATE		42 SEC. RECORD LENGTH.		OBSERVER J.S.O.	PARTY MGR. SIMMONS/KRAMER.

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

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

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CLIENT COCORP	AREA Wyo. Line #3	STATE Wyo.	COUNTY LARAMIE	DATE 9-5-79
CREW NO. 6834	TERRAIN Rolling Hills Dirt Road	WEATHER CLEAR	LINE NO. 3	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	DWP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60 ~	
1	933	PULSE	1			571	OUT	IN	RECORDER SET UP BETWEEN STA'S 400 & 401
2	934	EINT	2						
3	936-939	DRD	4						
4	933 & 954	SUM TEST	2						
5	941 & 961	NRI TEST	2						
6	932	Similarity	1						50%
7	174	Wind Strip	1						70%
8	175	433-332	330-425	2					1-96 CORRELATION MADE ON FILE #175
9	176	435	332-427	4					
10	177	437	334-429	6		571			E.D.T.#571
11	178	439	336-431	8		572			B.O.T.#572 FILE #900-10 SEC. ALLONE'S.
12	179	441	338-433	10					
13	180	443	340-435	12					
14	181	445	342-437	14					
15	182	447	344-439	16					
16	183	449	346-441	18					
17	184	451	348-443	20					
18	185	453	350-445	22		572			E.D.T.#572
19	187	455	352-447	24		573			B.O.T.#573 FILE #900-10 SEC. ALLONE'S. FILE #186 WIND STRIP.
20	188	457	354-449	26					3 RAW SWEEPS MADE ON FILE #188 (2 FOR QUALITY CONTROL + 1 FOR DR KAUFMAN.)
21	189	458	355-450	27					
22	SKIP	459	356-461	28					V.P.S.# 459 & 461 SKIPPED DUE TO HIWAY #211
23	SKIP	461	358-458	30					
24	190	462	359-454	31					
25	191	463	360-455	32					1-96 CORRELATION MADE ON FILE #191

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 # 463	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 2222X 2227 (CODE # 2125)	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-4100 1-4000	TYPE GEOPHONE 576-EV 22B	FREQUENCY 25 Hz.	STATION INTERVAL 330'
REMARKS 4 M.S. 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.**

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CLIENT CDCORP	AREA Wyo LINE #3	STATE Wyo	COUNTY LARAMIE	DATE 9-5-79
CREW NO. 6834	TERRAIN Rolling Hills DIRT ROAD	WEATHER CLEAR		LINE NO. 3

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CBP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	STOP	
1	465	362-457	34	4		573	OUT	IN	70%	
2	467	364-459	36							
3	468	365-460	37							V.P.#468 STACKED ON FIRST HALF DUE TO R.R. TRACKS.
4	SKIP 469	366-461	38			573				V.P.#469 SKIPPED DUE TO R.R. TRACKS & HOUSE. E.O.T.#573
5	470	372				574				B.O.T.#574 FILE #900-10 SEC. ALONE'S
6										
7										FINISHED FOR THE DAY.
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
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25										

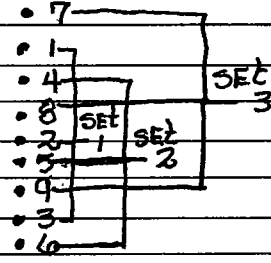
TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SE63 MPX-128
SWEEP FREQUENCY 8-40Hz/22SEC.	SWEEP PATTERN CODE #4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 111122222221111	CODE #2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100 1-4900	TYPE GEOPHONE ETL-FV22B	FREQUENCY 7.5	STATION INTERVAL 330'
REMARKS 4M.S. SAMPLE RATE			OBSERVER/JO SIMMONS/KRAMER		PARTY MGR.
42 SEC. RECORD LENGTH.			LINE DIR. 1 TO 24 E→W		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

BROADSIDE TEST

Petty-Ray Geophysical
Division
Geosource Inc. 18

CLIENT COCORP	AREA Wyo. LINE #3	STATE Wyo.	COUNTY LARAMIE	DATE 9-6-79
CREW NO. 6834	TERRAIN Rolling Hills Dirt Road	WEATHER Clear	LINE NO. 3	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	% DIVE	
1 933	PULSE	1 - 6 SEC				574	OUT	IN	50%	B.O.T. # 574. FILE # 900-10 SEC. ALL ONE'S RECORDER SET UP BETWEEN STA'S 417 & 418 VIB. ARE NORTH OF APPX. STA.# WILL BE VIBRATING INTO SPREAD (368-463) IN SETS OF 3 V.P. PATTERN IS AS FOLLOWS* 
2 934	EINT	2 - " "								
3 935	DRD	4 - " "								
4 936	SUM TEST	2 - " "								
5 937	NRI TEST	2 - " "								
6 932	Similarity	1 - 22 SEC		4					50%	Exp. BEING CONDUCTED AS PER. DR. KAUFMAN'S & HARRY BROWNS REQUEST
7 001	Wind Strip	1 - 6 SEC								
8										
9 002	1	368-463	23						70%	
10										
11 003	2	368-463	23							
12										
13 004	3	368-463	23							
14										
15 005	4	368-463	23							
16										
17 006	5	368-463	23							
18										
19 007	6	368-463	23			574				E.D.T. # 574
20										
21 008	7	368-463	23			575				B.D.T. # 575 FILE # 900-10 SEC. ALL ONE'S.
22										
23 009	8	368-463	23							
24										
25 010	9	368-463	23			575				FINISHED FOR THE DAY. E.D.T. # 575

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SELB3 MPX-128
SWEEP FREQUENCY 8-40 Hz / 22 SEC	SWEEP PATTERN * SEE NOTE	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 3-91100 1-4900	TYPE GEOPHONE E76-EV22B	FREQUENCY 25 Hz.	STATION INTERVAL 330'
REMARKS 4 M.S. 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. 19

CLIENT COCORP	AREA Wyo. Line #3	STATE Wyo.	COUNTY LARAMIE	DATE 9-7-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear.	LINE NO. 3	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60 ~	
1 933	PULSE	1 - 6.5 SEC.				576	Out	IN	B.O.T. # 576. FILE 900-10 SEC. ALL ONE'S
934 935	FINI	2 - " "							RECORDER SETUP BETWEEN STA'S 439 + 440
936 939	DRD	4 - " "							
953 954	SUM TEST	2 - " "							
960 961	NRJ TEST	2 - " "							
6 953	Similarity	1 - 22 SEC.		4				50%	
7 195	Wind Strip	1 - 6.5 SEC.							CHECKING LINE
8 196	471	370 - 465	3	4				70%	1-96 CORRELATION MADE ON FILE # 196
9 197	473	372 - 467	5						STANDING BY FOR TRAIN.
10 198	475	374 - 469	7						STA # 169 WILL BE OPEN DUE TO RAILROAD TRACKS.
11 199	477	376 - 471	9						
12 200	479	378 - 473	11						
13 201	481	380 - 475	13			576			E.O.T. # 576
14 202	483	382 - 477	15			577			B.O.T. # 577 FILE # 900-10 SEC. ALL ONE'S.
15 203	485	384 - 479	17						
16 204	487	386 - 481	19						
17 205	489	388 - 483	21						
18 206	491	390 - 485	23						
19 207	493	392 - 487	25						
20 208	495	394 - 489	27						
21 209	496	395 - 490	28			577		50%	V.P. # 496 STACKED ON FIRST HALF DUE TO HOUSE. E.O.T. # 577
22 SKIP	497	396 - 491	29			578			B.O.T. # 578 FILE # 900-10 SEC. ALL ONE'S.
23 SKIP	499	398 - 493	31						V.P.'s # 497 + 499 SKIPPED DUE TO RANCH.
24 210	501	400 - 495	33					70%	
25 211	502	401 - 496	34						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SELB 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 3-4100 1-4900	TYPE GEOPHONE 676-5V22B	FREQUENCY 2.5 Hz.	STATION INTERVAL 330'
REMARKS 4ms 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
Geosource Inc. 20

CLIENT COCORP	AREA WYD LINE #3	STATE WYO	COUNTY LARAMIE	DATE 9-7-79
CREW NO. 6834	TERRAIN HILLY DIRT ROAD	WEATHER CLEAR-WINDY	LINE NO. 3	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	20~	
1	503	402-497	35	4		578	OUT	IN	70%	
2	505	404-499	37							Sta. #498 will be open due to ranch.
3	507	406-501	39							
4	509	408-503	41							1-96 CORRELATION MADE ON FILE #215.
5	511	410-505	43							3-RAW SWEEP MADE ON FILE #216 (2 FOR QUALITY CONTROL + 1 FOR DR KAUFMAN.)
6	513	412-507	45			578				E.O.T.#578
7	515	414-509	47			579				B.O.T.#579 FILE #900-10 SEC. ALONE'S FILE #218 WIND STRIP.
8										
9										FINISHED FOR THE DAY.
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-12B
SWEEP FREQUENCY 8-40Hz/22 SEC	SWEEP PATTERN CODE #4163	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 3-41100 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4ms. Sample Rate			OBSERVER/J.O. SIMMONS/KRAMER		PARTY MGR.
			42 SEC. RECORD LENGTH		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc. 21

CLIENT	CDCORP	AREA	Wyo LINE #3	STATE	Wyo	COUNTY	LARAMIE-ALBANY	DATE	9-8-79
CREW NO.	6834	TERRAIN	HILLY	WEATHER	DIRT ROAD	CLEAR	LINE NO.	3	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	COP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R		RE MARKS
							LOCUT	60 ~	
1	933	PULSE	1			579	OUT	IN	RECORDER SET up BETWEEN STAs # 487+488
2	934+935	EINT	2						
3	936-939	DRD	4						
4	953-954	SUM Test	2						
5	960-961	NRJ Test	2						
6	932	Similarity	1	4				50%	
7	220	WIND Strip	1						CHECKING LINE
8	221	517	416-511	1	4			70%	1-96 CORRELATION MADE ON FILE # 221
9	222	519	418-513	3					
10	223	521	420-515	5					
11	224	523	422-517	7					
12	225	525	424-519	9		579			E.D.T.#579
13	226	527	426-521	11		580			B.D.T.#580 FILE # 900-10 SEC. ALONE'S.
14	227	529	428-523	13					
15	228	531	430-525	15					
16	229	533	432-527	17					
17	230	535	434-529	19					
18	231	537	436-531	21					
19	232	539	438-533	23					
20	233	541	440-535	25		580			E.D.T.#580
21	235	543	442-537	27		581			B.D.T.#581 FILE # 900-10 SEC. ALONE'S. FILE # 234 WIND STRIP.
22	236	545	444-539	29					
23	237	547	446-541	31					
24	238	549	448-543	33					
25	239	551	450-545	35					

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
					MDS-10 SEGB MPX-128
SWEEP FREQUENCY	SWEEP PATTERN	SWEEPS PER PATTERN	SWEEP PATTERNS PER SETUP	PATCH PATTERN	
8-40HZ/22SEC.	CODE # 4163	16	1	111122222221111	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
24	96	3-41100 1-4900	ETL-EV22B	7.5Hz	330'
REMARKS	OBSERVER		PARTY MGR.		LINE DIR.
4/1 S. SAMPLE RATE	42 SEC RECORD LENGTH		SIMMONS/KRAMER		1 TO 24 E → W

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc. 22

CLIENT CDCORP	AREA Wyo LINE #3	STATE Wyo	COUNTY LARAMIE + ALBANY	DATE 9-8-79
CREW NO. 6834	TERRAIN HILLY	WEATHER Clear		LINE NO. 3

REC. NO.	SWEEP POINT	PATCH LOCATIONS	COP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS	
							LOCUT	60 ~	20 KHz		
1	240	553	452-547	37	4		581	Out	IN	70%	
2	241	555	454-549	39							1-96 CORRELATION MADE ON FILE # 241
3	242	557	456-551	41			581				RAW SWEEP MADE ON FILE # 242. E.D.T. # 581
4	243	559	458-553	43			582				V.P. # 559 SKIPPED ON FIRST HALF DUE TO VERY STEEP GRADE.
5	SKIP	561	460-555	45							E.D.T. # 582 FILE # 300 - 10 SEC. ALLONE'S.
6	"	563	462-557	47							
7	"	565	464-559	49							
8	SKIP	567	466-561	-							V.P. # 561-567 SKIPPED DUE TO STEEP HILL.
9											
10											
11											FINISHED FOR THE DAY.
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEGB MPX-2B
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 3-4100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 330'
REMARKS 4 M.S. SAMPLE RATE			OBSERVER / J.O. SIMMONS / KRAMER		PARTY MGR.
4/2 SEC. RECORD LENGTH			LINE DIR. 1 TO 24 E → W		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc. 24

CLIENT COCORP	AREA Wyo LINE #3	STATE Wyo	COUNTY LARAMIE + ALBANY	DATE 9-11-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Overcast - COLO		LINE NO. 3

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	PULSE	1 - 6 SEC.				584	Out	IN	RECORDER SET UP BETWEEN STA'S 267 & 268
2	EINT	2 - " "							SEA'S 496 - 499 NOISE DUE TO RANCH HOUSE
3	DRD	4 - " "							CATTLE UP & DOWN ENTIRE LINE, IMPOSSIBLE TO KEEP THEM OFF THE LINE AT ALL TIMES.
4	SUM TEST	2 - " "							
5	NRJ TEST	2 - " "							
6	Similarity	1 - 22 SEC.		4				50%	
7	Wind Strip	1 - 6 SEC.							CHECKING LINE.
8	597	496 - 591	1	4		584		70%	1-96 CORRELATION MADE ON FILE # 265: E.O.T. # 584
9	599	498 - 593	3			585			B.O.T. # 585, FILE # 900-10 SEC. ALLONE'S.
10	601	500 - 595	5						
11	603	502 - 597	7						
12	605	504 - 599	9						
13	607	506 - 601	11						
14	609	508 - 603	13						
15	611	510 - 605	15						
16	613	512 - 607	17			585			E.O.T. # 585
17	615	514 - 609	19			586			Bot. # 586 FILE # 900-10 SEC. ALLONE'S.
18	617	516 - 611	21						RECORDER MOVE DUE TO POOR RADIO RECEPTION
19	619	518 - 613	23 1 CDP SW.						RECORDER SET UP BETWEEN STA'S # 589 + 590
20	621	520 - 615	25 3						
21	623	522 - 617	27 5						
22	625	524 - 619	29 7						
23	627	526 - 621	31 9						
24	629	528 - 623	33 11			586			E.O.T. # 586
25	631	530 - 625	35 13			587			B.O.T. # 587 FILE # 900-10 SEC. ALLONE'S, FILE # 282 WINDSTRIP.

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 1111222222221111	CODE # 2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-4100 1-4900	TYPE GEOPHONE ETL-EV2RB	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4 MS. SAMPLE RATE			OBSERVER SIMMONS / KRAMER		LINE DIR. 1 TO 24 E → W

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc. 25

CLIENT COCORP	AREA Wyo LINE #3	STATE Wyo	COUNTY LARAMIE + ALBANY	DATE 9-11-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Overcast		LINE NO. 3

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	284	633	532 - 628	15	4		587	OUT	IN	70%	
2	285	635	534 - 629	17							1-96 CORRELATION MADE ON FILE #285
3	286	637	536 - 631	19							RAW SWEEP MADE ON FILE #286.
4	287	639	638 - 633	21							
5	288	641	540 - 635	23							
6	289	643	542 - 637	25							
7	290	645	544 - 639	27			587				E.D.T #587
8							588				B.D.T #588 File #900-10 SEC. ALBANY'S.
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 8-40 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 3-91100 1-4900	TYPE GEOPHONE ETH-FV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4 M.S. SAMPLE RATE			OBSERVER / J.O. SIMMONS / KRAMER		LINE DIR. 1 TO 24 E → W
42 SEC. RECORD LENGTH.			PARTY MGR.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division 26
Geosource Inc.

CLIENT COCORP	AREA Wyo LINE #3	STATE Wyo	COUNTY Albany	DATE 9-12-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Overcast - Cool		LINE NO. 3

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	1 - 6 SEC				588	OUT	IN		RECORDER SET up BETWEEN STAs # 617 & 618
934-935	EINT	2 - " "								
936-939	DRD	4 - " "								
953+954	Sum Test	2 - " "								
960+961	NRJ Test	2 - " "								
6 932	Similarity	1 - 22 SEC.		4					50%	
7 291	WIND Strip	1 - 6 SEC.								CHECKING LINE
8 292	647	546 - 641	1	4					70%	1-96 CORRELATION MADE ON FILE # 292
9 293	649	548 - 643	3							
10 294	651	550 - 645	5							
11 295	653	552 - 647	7							
12 296	655	554 - 649	9			588				E.D.T. # 588
13 297	657	556 - 651	11			589				B.D.T. # 589 FILE # 900-10 SEC. ALLONE'S.
14 298	659	558 - 653	13							
15 299	661	560 - 655	15							
16 300	663	562 - 657	17							
17 301	665	564 - 659	19							
18 302	667	566 - 661	21							
19 303	669	568 - 663	23							
20 304	671	570 - 665	25			589				E.D.T. # 589
21 305	673	572 - 667	27			590				B.D.T. # 590 FILE # 900-10 SEC. ALLONE'S.
22 306	675	574 - 669	29							
23 307	677	576 - 671	31							
24 308	679	578 - 673	33							
25 309	681	580 - 675	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 # 4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	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 1/4 M.S. SAMPLE RATE			OBSERVER / S.O. SIMMONS / KRAMER		PARTY MGR.
42 SEC. RECORD LENGTH			LINE DIR. 1 TO 24 E → W		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc. 27

CLIENT COCORP	AREA Wyo LINE #3	STATE Wyo	COUNTY Albany	DATE 9-12-79
CREW NO. 6834	TERRAIN Hilly DIRT ROAD	WEATHER OVERCAST - COOL		LINE NO. 3

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDF SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R		REMARKS
							LOCUT	60 ~ 200 2000	
1	SKIP	582-677	37	4		590	OUT	IN	70% V.P# 683 SKIPPED DUE TO WALK ONLY PERMIT.
2	310	583-678	38						RAW SWEEP MADE ON FILE # 310
3	311	584-679	39						1-96 CORRELATION MADE ON FILE # 311
4	312	586-681	41			590			E.D.T # 590
5	314	588-683	43			591			B.D.T # 591 FILE # 900-10 SEC. ALONE'S. FILE # 313 WIND STRIP.
6	315	590-685	45						
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 8-40Hz/22SEC.	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-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS YMS. SAMPLE RATE 42 SEC. RECORD LENGTH			OBSERVER / J.O. SIMMONS / KRAMER	PARTY MGR.	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc. 28

CLIENT COCORP	AREA Wyo. Line #3	STATE Wyo.	COUNTY ALBANY	DATE 9-13-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Pl/Cloudy & Cold		LINE NO. 3

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	-	6 SEC.	591	Out	IN	RECORDER SET UP BETWEEN STA'S 6063 & 6064
934	935	EINT	2	-	" "				
936	937	DRD	4	-	" "				
938	939	SUM TEST	2	-	" "				
940	941	NRI TEST	2	-	" "				
6	932	Simikaritu	1	-	22 SEC.				50%
7	316	Wind Strip	1	-	6 SEC.				CHECKING LINE
8	317	693	592	-	687	1			70%
9	318	695	594	-	689	3			1-96 CORRELATION MADE ON FILE # 317
10	319	697	596	-	691	5			
11	320	699	598	-	693	7			E.O.T # 591
12	321	701	600	-	695	9			B.O.T # 592 FILE # 900-10 SEC. ALLONE'S
13	322	703	602	-	697	11			
14	323	705	604	-	699	13			
15	324	707	606	-	701	15			
16	325	709	608	-	703	17			
17	326	711	610	-	705	19			
18	327	713	612	-	707	21			RAW SWEEP MADE ON FILE # 327.
19	328	715	614	-	709	23			E.O.T # 592
20									Picking up LINE # 3 AND LAYING OUT LINE # 4.
21									E.O.L # 3 FINISHED FOR THE DAY.
22									
23									
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SELB MPX-128
SWEEP FREQUENCY 8-40 Hz / 22 SEC.	SWEEP PATTERN CODE # 4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 2222X222 (CODE # 2125)	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-41100'S 1-9900	TYPE GEOPHONE ETH-EV22	FREQUENCY 7.5 Hz.	STATION INTERVAL 330'
REMARKS YMS SAMPLE RATE		42 SEC. RECORD LENGTH		OBSERVER SIMMONS/KEARNEY	PARTY MGR.