

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP	AREA Wyo. LINE #4	STATE Wyo	COUNTY Albany	DATE 9-14-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR & COLD	LINE NO. 4	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	OFF BLUE	
1	933	PULSE	1	6	SEC.	593	Out	TN		30.1. #593. FILE #900-10 SEC. ALL ONES
91	935	EINI	2	"	"					RECORDER SET UP BETWEEN STAS #72 & 73
92	937	DRD	4	"	"					LAYING OUT LINE #4. WILL START PULLING
93	954	SUM TEST	2	"	"					LINE #4 FROM SOUTH TO NORTH. (6 Stb. Gap)
94	961	NRJ TEST	2	"	"					NUMB'R'S GATES ON LINE. SLOWING DOWN LAYING
6	932	Similarity	1	22	SEC.				4	50% Out OPERATION. CATTLE ON ENTIRE LINE MESSING UP
7	001	Wind Scrap	1	6	SEC.					CHECKING LINE & CABLES & PHONES
8	002	102	1	96					4	70% 1-96 CORRELATION MADE ON FILE #002
9	003	104	3	98					3	
10	004	105	4	98					4	V.P. #105 STACKED ON FIRST HALF DUE TO WALK ONLY PERMIT.
11	SKIP	106	5	100					5	V.P. #106 SKIPPED DUE TO WALK ONLY PERMIT.
12	SKIP	108	7	102					7	V.P. #108 SKIPPED DUE TO " " "
13	005	109	8	103					8	
14	006	110	9	104					9	
15										
16										FINISHED FOR THE DAY (what a Day!)
17										
18										
19										
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21										
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25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10 SEGB MPX-120
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'S 1-2900	TYPE GEOPHONE ETH EV22B	FREQUENCY 25 Hz.	STATION INTERVAL 330'
REMARKS 4M.S. SAMPLE RATE	42 SEC. RECORD LENGTH	OBSERVER SIMMONS/KRAMER	PARTY MGR.	LINE DIR. 1 TO 24 S. → N.	

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CLIENT COCORP	AREA Wyo. Line #4	STATE Wyo.	COUNTY ALBANY	DATE 9-17-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR & Windy		LINE NO. 4

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	50~	
1	933	PULSE	1	—	65	593	OUT	IN		RECORDER SET UP BETWEEN STA. 583484
2	934	EINI	2	—	"					
3	939	DRD	4	—	"					
4	934	SUM TEST	2	—	"	593				E.O.I. 593
5	936	NRJ TEST	2	—	"	594				B.O.T. #994. FILE # 900-10 SEC. ALL ONE'S
6	933	Similarity	1	—	22				4	50% Wind Picking up.
7	007	Wind Strip	1	—	6					CHECKING LINE
8	008	112	11	—	106	240				70% 1-96 CORRELATION MADE ON FILE #008
9	009	114	13	—	108	2				
10	010	116	15	—	110	4				
11	011	118	17	—	112	6				VIB #16344 Down with BROKEN Body Bolts (Fixing Now!)
12	012	120	19	—	114	8				(30 min.)
13	013	122	20	—	116	9				
14	SKIP	122	21	—	118	10				
15	014	124	23	—	118	12			594	E.O.I. #594
16	015	126	25	—	120	14			595	B.O.T. #595. FILE # 900-10 SEC. ALL ONE'S
17	016	128	27	—	122	16				
18	017	130	29	—	124	18				3 RAW SWEEPS (1 For DeKaufman [21-18-91-96] For Gully Con.) MADE ON FILE #01?
19	018	132	31	—	126	20				
20	019	134	33	—	128	22				
21	020	136	35	—	130	24				
22	021	138	37	—	132	26			595	E.O.I. #595
23	022	140	39	—	134	28			596	B.O.T. #596. FILE # 900-10 SEC. ALL ONE'S
24										Did Not Dump FILE #022 on tape. Will Do VP #140 OVER IN THE MORNING
25										FINISHED FOR THE DAY

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 X 2222 (CODE # 2125)			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-01100 1-4900	TYPE GEOPHONE ETH - EV 22B	FREQUENCY 2.5 Hz	STATION INTERVAL 330'
REMARKS			OBSERVER Simmons/KRAMER	PARTY MGR.	

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CLIENT COCORP	AREA Wyo. Line #4	STATE Wyo.	COUNTY ALBANY	DATE 9-18-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Clear & Windy		LINE NO. 4

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	FEEDBACK	
1 933	PULSE	1 - 6 SEC.				596	OUT	IN		RECORDER SET UP BETWEEN STA ^S 110 & 111
934 935	EINT	2 - " "								
936 939	DRD	4 - " "								
933+954	SUM TEST	2 - " "								
960+961	NRT TEST	2 - " "								
6 933	Similarity	1 - 22 SEC.		4					50%	
7 022	WIND STRIP	1 - 6 SEC.							70%	CHECKING LINE
8 023	140	39 - 134	1							1-96 CORRELATION MADE ON FILE # 023
9 024	142	41 - 136	3							WIND PICKING UP
10 025	144	43 - 138	5							
11 026	146	45 - 140	7							
12 027	148	47 - 142	9			596				E.O.I. # 596
13 028	150	49 - 144	11			597				B.O.I. # 597. FILE # 900-10 SEC. ALL ONE'S
14 029	152	51 - 146	13							
15 030	154	53 - 148	15							STANDING BY FOR WIND.
16 031	156	55 - 150	17							
17 032	158	57 - 152	19							
18 033	160	59 - 154	21							
19 034	162	61 - 156	23							
20 035	164	63 - 158	25			597				E.O.I. # 597
21 036	166	65 - 160	27			598				B.O.I. # 598. FILE # 900-10 SEC. ALL ONE'S
22 037	168	67 - 162	29							RAW SWEEP MADE ON FILE # 037
23 038	170	69 - 164	31							
24										FINISHED FOR THE DAY
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 222 222 (CODE 2125)			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-4110'S 1-4900	TYPE GEOPHONE ETW-EV22B	FREQUENCY 2.5 Hz	STATION INTERVAL 330'
REMARKS			OBSERVER SIMMONS/KRAMER	PARTY MGR.	LINE DIR. 1 TO 24 S. → N.

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DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
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Geosource Inc.**

CLIENT COCORP	AREA Wyo. LINE #4	STATE Wyo.	COUNTY ALBANY	DATE 9-19-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR		LINE NO. 4

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 ~	30 ~	
1	933	PULSE	1			598	Out	TN		RECORDER SET UP BETWEEN STA'S 143 & 144
2	934	EINI	2							
3	936-939	DRD	4							
4	934	SUM TEST	2							
5	934	NRT TEST	2							
6	932	Similarity	1						50%	
7	039	Wind Strip	1	4						CHECKING LINE
8	040	172	71			240			70%	1-96 CORRELATION MADE ON FILE # 040
9	041	174	73			2				
10	042	176	75			4	598			EOL # 598
11	043	177	76			5	599			VP # 177 STACKED ON FIRST HALF. BOL # 599.
12	SKIP	178	77			6				VP'S 178 & 180 SKIPPED DUE TO RANCH HOUSE
13	SKIP	180	79			8				
14	044	181	80			9				VP # 181 STACKED ON LAST HALF
15	045	182	81			10				
16	046	184	83			12				
17	047	186	85			14				
18	048	188	87			16				
19	049	190	89			18				
20	050	192	91			20	599			EOL # 599
21	051	194	93			22	600			BOL 600. FILE # 900-10 SEC. ALL ONES
22	052	196	95			24				
23	053	198	97			26				
24	054	200	99			28				
25	055	202	101			30				

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 222 222 222 (CODE # 3125)
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-1100'S 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 25 Hz.	STATION INTERVAL 330'
REMARKS			OBSERVER Simmons/Kramer	PARTY MGR.	

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CLIENT COCORP	AREA Wyo. LINE # 4	STATE Wyo.	COUNTY ALBANY	DATE 9-19-79
CREW NO. 6834	TERRAIN Hilly	WEATHER CLEAR		LINE NO. 4

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	70%	
1	056	204	103-198	32	4	600	Out	LN	70%	
2	057	206	105-200	34						RAW SWEEP MADE ON FILE # 057
3	058	208	107-202	36		600				EOT # 600
4	060	210	109-204	38		601				BOT # 601. FILE # 900-10 SEC. ALL ONE'S. FILE # 059 WIND STRIP
5	061	212	110-206	40						1-96 CORRELATION MADE ON FILE # 060
6	062	214	113-208	42						
7	063	216	115-210	44						
8	064	218	117-212	46						
9	065	220	119-214	48						RECORDER MOVE
10	066	222	121-216	33						RECORDER SET UP BETWEEN STA. 15 160 & 161
11	067	224	123-218	35		601				EOT # 601
12	068	226	125-220	37		602				BOT # 602. FILE # 900-10 SEC. ALL ONE'S
13										
14										FINISHED FOR THE DAY
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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 2222 2222 	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-4100'S 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 25 Hz	STATION INTERVAL 330'
REMARKS	OBSERVER SIMMONS/KRAMER			PARTY MGR.	LINE DIR. 1 TO 24 S. → N.

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
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CLIENT COCORP	AREA Wyo. Line #4	STATE Wyo.	COUNTY ALBANY	DATE 9-20-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Overcast		LINE NO. 4

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			602	OUT	IN		RECORDER SET UP BETWEEN STA.'S 198 & 199
2	934	EINI	2 - " "							
3	936-939	DRD	4 - " "							
4	953+954	SUM TEST	2 - " "							
5	960+961	NRJ TEST	2 - " "							
6	932	SIMILARITY	1 - 22 SEC	4					50%	
7	069	WIND STRIP	1 - 6 SEC							CHECKING LINE
8	070	228	127 - 222	1					70%	1-96 CORRELATION MADE ON FILE #070
9	071	230	129 - 224	3						STARTING TO RAIN
10	072	232	131 - 226	5						
11	073	234	133 - 228	7						
12	074	236	135 - 230	9		602				E.O.T. #602
13	075	238	137 - 232	11		603				B.O.T. #603. FILE #900-10 SEC. ALL ONE'S
14	076	240	139 - 234	13						FILE #075 TWO POS. OUT ON CDP SW. (WAS 9 SHOULD BE 11)
15	077	242	141 - 236	15						
16	078	244	143 - 238	17						
17	079	246	145 - 240	19						
18	080	248	147 - 242	21						
19	081	250	149 - 244	23						
20	082	252	151 - 246	25		603				E.O.T. #603
21	083	254	153 - 248	27		604				B.O.T. #604. FILE #900-10 SEC. ALL ONE'S
22	084	256	155 - 250	29						
23	085	258	157 - 252	30						RAIN PICKING UP.
24	086	260	159 - 254	33						
25	087	262	161 - 256	35						

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 2222222 (CODE #2125)			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-4100'S 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 2.5 Hz.	STATION INTERVAL 330'
REMARKS			OBSERVER SIMMONS/KRAMER	PARTY MGR.	

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CLIENT COCORP	AREA Wyo. Line # 4	STATE Wyo.	COUNTY ALBANY	DATE 9-20-79
CREW NO. 6834	TERRAIN Hilly	WEATHER Overcast	LINE NO. 4	

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	264	163-258	37	4		604	Out	IN	70%	
2	266	165-260	39							
3	268	167-262	41			604				E.O.I. #604
4	270	169-264	43			605				B.O.I. #605. FILE #900-10 SEC. ALL ONES
5	272	171-266	45							RAW SWEEP MADE ON FILE #091
6	274	173-268	47							RECORDER MOVE
7	276	175-270	34							RECORDER SET UP BETWEEN STA' 213 & 214
8	278	177-272	36							
9	280	179-274	38							
10	282	181-276	40							
11										
12										FINISHED FOR THE DAY
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TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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 3-4110'S 1-4900	TYPE GEOPHONE ET6-ED22B	FREQUENCY 25Hz.	STATION INTERVAL 330'
REMARKS	OBSERVER SIMMONS/KRAMER		PARTY MGR.		

