

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
Division
Geosource Inc.

CLIENT COCORP.	AREA OK.	STATE OK.	COUNTY KIOWA	DATE 4-25-79
CREW NO. 6834	TERRAIN Flat	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 ~	
1 933	PULSE TEST	1 - 6 SEC.				331	Out	IN	RECORDER SET UP BETWEEN STA'S 72 & 75 STARTING LINE # 3. WILL BE PUSHING LINE. WIND PICKING UP (GUSTING TO 25/hr.)
2 934	EINT	2 - " "							
3 936	DRD	4 - " "							
4 937	SUM TEST	2 - " "							
5 938	NRI TEST	2 - " "							
6 932	Similarity	1 - 2.2 SEC.		5				50%	
7 001	Wind Strip	1 - 6 SEC.							Checking Line
8 002	1	4 - 99	4						70% 1-96 CORRELATION MADE ON FILE # 002
9 003	4	7 - 102	7						
10 004	7	10 - 105	10						
11 005	10	13 - 108	13						
12 006	13	16 - 111	16			331			E.O.T. # 331
13 007	16	19 - 114	19	5		332			B.O.T. # 332. FILE # 900-10 SEC ALL ONE'S
14 008	19	22 - 117	22	4					VIB. # 12667 Down with TRANS. PROBLEM.
15 009	22	25 - 120	25						
16 SKIP	25	28 - 123	28						V.P. # 25 Skipped Due to House
17 010	28	31 - 126	31						
18 SKIP	31	34 - 129	34						V.P. # 31 Skipped Due to WATER LINE
19 011	34	37 - 132	37						
20 012	37	40 - 135	40						V.P. # 37 Stacked on last half.
21 013	40	43 - 138	43			332			E.O.T. # 332
22 015	43	46 - 141	46			333			B.O.T. # 333. FILE # 014 WIND STRIP. FILE 900-10 SEC ALL ONE'S
23 016	46	49 - 144	49						RECORDER MOVE. 1-96 CORRELATION MADE ON FILE # 015
24 017	49	52 - 147	52						RECORDER SET UP BETWEEN STA'S 122 & 124
25 018	52	55 - 150	55	4					

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8 - 40 Hz	SWEEP PATTERN CODE # 5163	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 4-41100 1-4900	TYPE GEOPHONE ETH - EV22B	FREQUENCY 7.5 Hz.
REMARKS		OBSERVER/TO SIMMONS/KRAMER	PARTY MGR.	

STATION INTERVAL 330'	LINE DIR. 1 TO 24 E. → W.
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CLIENT COCORP	AREA OK. LINE # 3	STATE OK	COUNTY KIOWA	DATE 4-25-79
CREW NO. 6834	TERRAIN FLAT	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		RE MARKS
							LOCUT	60 ~	
1	55	58-153	7	4	10	333	Out	IN	70% 3 RAW SWEEPS (1 FOR DR. KAUFMAN, 2 FOR QUALITY CONTROL) MADE ON FILE # 019
2	58	61-156	10	4					DOWN DUE TO WIND
3	61	64-159	14	4					
4	64	67-162	17	4					
5	67	70-165	20	4					
6									
7									
8									
9									
10									
11									
12									
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15									
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17									
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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	SWEEP PATTERN CODE # 5163	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 4-41100 1-4900	TYPE GEOPHONE ETH-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS	OBSERVER / TO SIMMONS / KRAMER		PARTY MGR.		

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DIGITAL VIBROSEIS RECORDER

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CLIENT	COCORP	AREA	OK LINE #3	STATE	OK	COUNTY	KIOWA - JACKSON	DATE	4-26-79
CREW NO.	6834	TERRAIN	FLAT	WEATHER	CLOUDY-COOL	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 TEST				333	Out	IN		RECORDER SET UP BETWEEN STA'S 129-130
	934	FINI								
	936-939	DRD								
	953+954	SUN TEST								
	960+961	NRI TEST								
6	932	SIMILARITY		4		333			50%	
7	020	WIND STRIP				334				CHECKING LINE. E.O.T. # 335
8	021	58	61 - 156	4		334			70%	B.O.T. # 334. FILE # 900-10 SEC. ALL ONE'S.
9	022	61	64 - 159	7						1-96 CORRELATION MADE ON FILE # 021
10	023	64	67 - 162	10						
11	SKIP	67	70 - 165	13						V.P. # 67 SKIPPED DUE TO 2 WATER WELLS
12	024	70	73 - 168	16						
13	025	73	76 - 171	19						
14	026	76	79 - 174	22						
15	027	79	82 - 177	25		334				E.O.T. # 334
16	028	82	85 - 180	28		335				B.O.T. # 335 FILE # 900-10 SEC. ALL ONE'S
17	029	85	88 - 183	31						
18	030	88	91 - 186	34						
19	SKIP	91	94 - 189	38						V.P. # 91 SKIPPED DUE TO HOUSE
20	031	94	97 - 192	40						
21	SKIP	97	100 - 195	43						V.P. # 97 SKIPPED DUE TO WATER WELL.
22	032	100	103 - 198	46						
23	SKIP	103	106 - 201	49						
24	SKIP	106	109 - 204							V.P.s # 103 - 112 SKIPPED DUE TO CROSS COUNTRY NO PERMIT
25	SKIP	109	112 - 207							RECORDER MOVE

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY	SWEEP PATTERN	SWEEPS PER PATTERN	SWEEP PATTERNS PER SETUP	PATCH PATTERN	
8-40 Hz	CODE # 4163	16	1	111122222221111 (CODE # 2125)	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
24	96	3-41100 1-4900	ETH-EV22B	75 Hz	330'
REMARKS			OBSERVER / TO	PARTY MGR.	LINE DIR. 1 TO 24
			SIMMONS/KRAMER		E. → W.
			RICHARDS		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

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CLIENT COCORP	AREA OK LINE #3	STATE OK	COUNTY JACKSON	DATE 4-26-79
CREW NO. 6854	TERRAIN 1-Lat	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	SKIP	115 - 210		4		335				RECORDED SET UP BETWEEN STA'S 190 & 191. WILL BE VIB. ENERGY
2	033	118 - 213	240							OUTER STA. FROM 115-127 TO BUILD STACK THRU SKIP ACROSS RICKER
3	034	120 - 215	2			335				E.O.I. # 335
4	038	122 - 218	4			336				BOT # 336 FILE # 900-10 SEC. ALL ONE'S. FILE # 035 WIND STRIP
5	038	124 - 219	6							1-96 CORRELATION MADE ON FILE # 036
6	038	126 - 222	8							
7	039	128 - 223	10							RAW SWEEP MADE ON FILE # 039
8	040	130 - 226	12							
9	041	133 - 228	15							
10	042	136 - 232	18			336				E.O.I. # 336
11	043	139 - 234	21			337				BOT # 337. FILE # 900-10 SEC. ALL ONE'S
12	044	142 - 237	24							
13	045	145 - 240	27							
14	046	148 - 243	30							
15	047	151 - 246	33							V.P. # 148 STACKED ON LAST HALF
16	048	154 - 249	36							
17	049	157 - 252	39			337				E.O.I. # 337
18	050	160 - 255	42			338				BOT # 338. FILE # 900-10 SEC. ALL ONE'S
19	051	163 - 258	45							V.P. # 160 STACKED ON LAST HALF
20										
21										
22										FINISHED FOR THE DAY
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 HZ.	SWEEP PATTERN CODE # 4163	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 2-91100 1-9900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 330'
REMARKS	OBSERVER/TO SIMMONS/KRAMER		PARTY MGR.		

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DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
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CLIENT COCORP	AREA OK LINE #3	STATE OK	COUNTY KIOWA-JACKSON	DATE 4-28-79
CREW NO. 6834	TERRAIN FLAT	WEATHER OVERCAST - RAINING		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~	OFF	
1 933	PULSE TEST	1 - 6 SEC.				338	OUT	IN		RECORDER SET UP BETWEEN STA' 237 + 238
2 934	EINT	2 - "								
3 935	DRD	4 - "								
4 936	Sum TEST	2 - "								
5 937	NRT TEST	2 - "								
6 932	SIMILARITY	1 - 2.2 SEC.		5					50%	
7 052	WIND STRIP	1 - 6 SEC.								CHECKING LINE STARTING TO RAIN
8 053	163	166 - 261							70%	1-96 CORRELATION MADE ON FILE
9	166	166-261								DOWN FOR THE DAY DUE TO RAIN-LEAKAGE AND INCREASING
10										GROUND CURRENT.
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
SWEEP FREQUENCY 8-40 Hz	SWEEP PATTERN CODE # 5163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN 111122222221111	CODE # 2125
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-9100 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS				OBSERVER J.S.O. SIMMONS/KRAMER RICHARDS	PARTY MGR.

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DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical
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CLIENT COCORP	AREA OK LINE #3	STATE OK	COUNTY JACKSON	DATE 4-30-79
CREW NO. 6834	TERRAIN FLAT	WEATHER 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 ~	
1	933	PULSE TEST				338	Out	IN	RECORDER SET UP BETWEEN STA'S 240 & 241
934	935	FINI							
936	939	DRD							
938	941	SUM TEST							
940	941	NR1 TEST				338			E.O.T # 338
6	932	Similarity		5		339			50% B.O.T # 339 FILE # 900 - 10 SEC. ALLONE'S
7	054	WIND STRIP							CHECKING LINE
8	055	166	169 - 264	1					70% 1-96 CORRELATION MADE ON FILE # 055
9	056	169	172 - 267	3					
10	SKIP	172	175 - 270	7					V.P. # 172 SKIPPED DUE TO HOUSE
11	057	175	178 - 273	10					V.P. # 175 STACKED ON FIRST HALF DUE TO HOUSE.
12	058	178	181 - 276	13					Hiway # 44 CROSSES LINE BETWEEN STA'S 273 & 274
13	059	181	184 - 279	16					
14	060	184	187 - 282	19		339			E.O.T # 339
15	SKIP	187	190 - 285	22		340			B.O.T # 340 FILE # 900 - 10 SEC. ALLONE'S
16	SKIP	190	193 - 288	25					
17	SKIP	193	196 - 291	28					V.P. # 187-196 SKIPPED DUE TO HOUSE TRAILER + WATER WELLS.
18	SKIP	196	199 - 293	31					
19	061	199	202 - 296	34					
20	062	202	205 - 300	37					
21	063	205	208 - 303	40					
22	SKIP	208	211 - 306	43					V.P. # 208 SKIPPED DUE TO HOUSE
23	064	211	214 - 309	46					V.P. # 211 STACKED ON FIRST HALF DUE TO HOUSE.
24	SKIP	214	217 - 312	49					RECORDER MOVE V.P. # 214 SKIPPED DUE TO HOUSE.
25	065	217	220 - 315	1					RECORDER SET UP BETWEEN STA'S 291 & 292.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10
SWEEP FREQUENCY 8-40 Hz	SWEEP PATTERN CODE # 2163	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 4-9100 1-4900	TYPE GEOPHONE ETH - EV22	FREQUENCY 75 Hz.	STATION INTERVAL 330'
REMARKS			OBSERVER TO SIMMONS / KRAMER	PARTY MGR.	

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DIGITAL VIBROSEIS RECORDER**

**Petty-Ray Geophysical
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Geosource Inc.**

CLIENT COCORP.	AREA OK. LINE # 3	STATE OK.	COUNTY JACKSON	DATE 4-30-79
CREW NO. 6834	TERRAIN Flat	WEATHER Cloudy		LINE NO. 3

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER		REMARKS
							LOCUT	60~	
1	066	223-318	4	5		340	Out	IN	70%
2	067	226-321	7			340			E.O.T.# 340
3	069	229-324	10			341			B.O.T.# 341 FILE #900-10SEC ALLONES. FILE #068 WIND STRIP.
4	070	232-327	13						
5	071	235-330	16						
6	072	238-333	19						
7	073	241-336	22						
8	074	244-339	25						
9	075	247-342	28			341			E.O.T.# 341
10	SKIP	250-345	31			342			B.O.T.# 342 FILE #900-10SEC ALLONES
11	SKIP	253-348	34						
12	076	256-351	37						V.P.'s # 247 + 250 SKIPPED DUE TO HOUSES.
13	077	259-354	40						1-96 CORRELATION MADE ON FILE #077
14	078	262-357	43						RAW SWEEP MADE ON FILE #078
15	079	265-360	46						
16	SKIP	268-363	49						V.P.# 265 SKIPPED DUE TO HOUSE REORDER MOVE
17	080	271-366	44						RECORDER SET UP BETWEEN STRS 299 + 300
18	081	274-369	47						
19									
20									END OF LINE #3
21									
22									
23									
24									
25									

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz.		SWEEP PATTERN CODE #5163		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 111122222221111 (CODE #2126)			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100 1-4100	TYPE GEOPHONE ETH-EL22	FREQUENCY 25 Hz.	STATION INTERVAL 330'
REMARKS			OBSERVER TO SIMMONS/KRAMER RICHARDS	PARTY MGR.	