

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

CLIENT COCORP	AREA Death Valley	STATE California	COUNTY INYO	DATE 1-21-82
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Clear	LINE NO. 10	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	933	Pulse			Missed sample	316	out	TN		Bot * 316 #900 10 sec All ones
2	934/935	EINT								Recorder set at 92-93
3	936/939	DRD.								Cable Crossing Highway at 81 + 82 Highway 127.
4	953/954	SUM TEST								5 Vibs. 100' spacing, 41.25' move up, 1st Vib starts
5	960/961	NRJ TEST								*56' past flag, 8 sweeps, Alois 31.25. 5 Station OFFset
6	932	Similarity	1	4					50%	Vib # 17311 Down. Broken wire in Four way Valve.
7	001	Wind strip	1						72db	Picking up some noise from mines in Area.
8	002	101	1	4					50%	4 Vibs 100' spacing, 41.25' move up, 1st Vib starts
9	003	102	2						50%	+6' past flag.
10	004	103	3						50%	
11	005	104	4						50%	Stacked 1st half.
12	SKIP	105	5						SKIP	Due to SOFT Shoulder
13	SKIP	106	6						SKIP	" " " "
14	006	107	7						50%	Stacked Last Half
15	007	108	8		1				50%	
16	008	109	9						50%	
17	009	110	10						50%	
18	010	111	11						50%	Took Similarity Through Cable with Vibs #17311 + 23652.
19	011	112	12	5		316			50%	Vib # 17311 Back on line. Repaired Broken wire in Four-
20	012	113	13	wind strip		317			72db	way Valve. UP# 112 Bot * 316 Tape mts. UP# 113 Bot
21	013	113	13						50%	# 317 #900 10 sec All ones.
22	SKIP	114	14						SKIP	Due to SOFT Shoulder
23	SKIP	115	15						SKIP	" " " "
24	SKIP	116	16						SKIP	" " " "
25	SKIP	117	17						SKIP	" " " "

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-732hz/32sec	SWEEP PATTERN See Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN X	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y 1100's	TYPE GEOPHONE ETLEV 22B	FREQUENCY 7.5hz	STATION INTERVAL 330'
REMARKS 8ms Sample Rate / 48 sec Record Length	OBSERVER R. Patton	PARTY MGR. L. Davis	LINE DIR. 1 TO 24 W → E		

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CLIENT COCORP	AREA Death Valley	STATE California	COUNTY INYO	DATE 1-21-83
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Clear	LINE NO. 10	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN, ^{Processed} Sweeps	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1	SKIP	18-113	18	5		317	OUT	IN	SKIP	From 114-129 Due TO SOFT + Narrow Shoulder.
2	014	30-125	30		1				50%	Stacked Last half.
3	SKIP	31-126	31						SKIP	Due TO SOFT Shoulder
4	015	32-127	32						50%	
5	016	33-128	33						50%	Sweep #1 Layed Down on Tape File # 016.
6	017	33-128	33						50%	
7	018	34-129	34		1				50%	
8	019	35-130	35			317			50%	EOT # 317 Tape MKTs.
9	020	36-131	12		wind strip	318			72db	Bot # 318 * 900 All ones. Moved Recorder to 96-97
10	021	36-131	12		12 → 48hz	HI Alais 62.5m			50%	4 Sweeps. Changed Frequency TO 12 → 48hz. Went TO
11	022	36-131	12						50%	8 sweeps. HI Alais 62.5hz. Dumping 4 + 8.
12	023	37-132	13						50%	4 "
13	024	37-132	13						50%	8 "
14	025	38-133	14						50%	4 "
15	026	38-133	14						50%	8 "
16	027	39-134	15						50%	4 " got Blast on sweep # 3 File # 027.
17	028	39-134	15		1				50%	8 "
18	029	40-135	16						50%	4 " Stacked 1st half
19	030	40-135	16						50%	8 " " "
20	031	41-136	17						50%	4 " Stacked Last Half
21	032	41-136	17			318			50%	8 " " " EOT # 318 Tape MKTs.
22	033	42-137	18		wind strip	319			72db	Bot # 319 * 900 10sec All ones. Replaced Geophones on 106.
23	034	42-137	18						50%	4 "
24	035	42-137	18						50%	8 "
25	036	43-138	19						50%	4 "

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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

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CLIENT COCORP	AREA Death Valley	STATE California	COUNTY INYO	DATE 1-21-83
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Clear	LINE NO. 10	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL. NO.	FILTER			REMARKS	
							LOCUT	60~	AMP		
1	037	143	43-138	19	5	1	319	OUT	IN	50%	8 Sweeps got Light Blast on sweep *5
2	038	144	44-139	20						50%	4 "
3	039	144	44-139	20						50%	8 "
4	040	145	45-140	21						50%	4 "
5	041	145	45-140	21			319			50%	8 " EOT *319 Tape MKTs.
6	042	146	46-141	22	wind strip	320				72db	Bot *320 *900 10sec All ones, STA# 141 OPEN.
7	043	146	46-141	22	8→33hz	Low Alais	3125			50%	Changed Frequency Back to 8→33hz, Low Alais 3125hz
8	044	147	47-142	23	1					50%	+ Back to Normal 8 Sweeps.
9	045	148	48-143	24						50%	
10	046	149	49-144	25						50%	
11	047	150	50-145	26						50%	
12	048	151	51-146	27						50%	
13	SKIP	152	52-147	28						SKIP	From 152-166 Due to Town of Tecopa
14											
15											
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23											
24											
25											
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		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL	LINE DIR. 1 TO 24
REMARKS							OBSERVER		PARTY MOR.		

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DIGITAL VIBROSEIS RECORDER

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CLIENT COCORP	AREA Death Valley	STATE California	COUNTY INYO	DATE 1-24-83
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Cloudy + Wet + Windy	LINE NO. 10	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	BO ~	AMP	
1 933	Pulse	1 - 6 sec			Missed Sweeps	320	OUT	IN		Recorder set AT 136-137
2 934/935	EINT	2 - " "								Wind Blowing 12 MPH. Time 10:15
3 936/939	DRD	4 - " "								STA #153-166 TOWN OF TECOPA.
4 933/934	Sum Test	2 - " "								5 Vibs. 100' spacing, 4/25; Move up. 1st vib starts
5 960/961	NRS TEST	2 - " "								+56' Past Flag, 8 sweeps Alais 3/25.
6 932	Similarity	1 - 32 sec	1	5						50% Cable Crossing High wats AT 81-82 + 156-157
7 049	wind strip	1 - 48 sec	3							72db Picking up noise From mines IN Area.
8 050	167	67-162	3	5						50% stacked Last half.
9 051	168	68-163	4							50% stacked 1st half. got light Blast on sweep * 7. File 051.
10	SKIP	169	5							SKIP Due TO SOFT Shoulder.
11 052	170	70-165	6		2	320				50% EOT * 320 Tape MKTs Bulldozer working AT 156-157
12	SKIP	171	7							SKIP From 171-180 SKIP Due TO SOFT Shoulder.
13 053	181	81-176	17			321				66db BOT * 321 * 900 10 sec All ones.
14 054	181	81-176	17							50% stacked Last half. Wind now Blowing 14 TO 15 MPH. 11:30.
15 055	182	82-177	18							50%
16 056	183	83-178	19							50%
17 057	184	84-179	20							50%
18 058	185	85-180	21							50%
19 059	186	86-181	22		1					50%
20 060	187	87-182	23							50%
21 061	188	88-183	24		1					50%
22 062	189	89-184	25							50% 4 Vibs. 100' spacing. 4/25' Move up. 1st vib starts +6' Past Flag.
23 063	190	90-185	26	4						50% Vib * 23652 Down. Radiator Leak.
24 064	191	91-186	27							50% Sweep #1 Layed Down on Tape.
25 065	191	91-186	27							50%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32 Hz / 32 sec		SWEEP PATTERN see Remarks		SWEEPS PER PATTERN 8	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN X			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y 1100's	TYPE GEOPHONE ET LEV 228	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8 ms Sample Rate / 48 sec Record Length			OBSERVER K. Patten	PARTY MGR L. Davis.	

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CLIENT COCORP	AREA Death Valley	STATE CALIFORNIA	COUNTY INYO	DATE 1-24-83
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Cloudy + Windy	LINE NO. 10	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	GDP SW.	NO VIB	Missed Sweeps	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	192	92-187	28	4	1	321	OUT	IN	50%	EOT * 321 Tape MKTs Rain on Back of Line
2	193	93-188	29	wind	strip	322			66Db	BOT * 322 *900 10sec All ones.
3	193	93-188	29		1				50%	
4	194	94-189	30	5					50%	Vib * 23652 Back on Line. Rain getting Heavy.
5										Rain now pretty steady Shutting Down.
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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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS	OBSERVER		PARTY MGR.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
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CLIENT COCORP	AREA Death Valley	STATE California	COUNTY INYO	DATE 1-25-83
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Clear + wet	LINE NO. 10	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	GDP SW.	NO VIB	Missed Sweeps	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	80 ~	AMP	
1	085	219	119-214	25	4	323	OUT	IN	20%	got Light Blast on sweep #4 File # 085
2	086	220	120-215	26					20%	
3	087	221	121-216	27					20%	
4	088	222	122-217	28					20%	
5	SKIP	223	123-218	29					50%	Due to soft shoulder.
6	089	224	124-219	30					50%	Vibs went back to High Drive.
7	090	225	125-220	31		323			50%	EOT # 323 Tape MKTs.
8	091	226	126-221	32	wind strip	324			66db	Bot # 324 #900 10 sec All ones
9	092	226	126-221	32	1				50%	
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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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

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CLIENT COCORP	AREA Death Valley	STATE CALIFORNIA	COUNTY INYO	DATE 1-26-83
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Clear to Partly Cloudy	LINE NO. 10	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL. NO.	FILTER			REMARKS
							LOGUT	60~	AMP	
1	244	144-239	18	5	1	325	OUT	IN	50%	
2	245	145-240	19						50%	
3	246	146-241	20						50%	
4	247	147-242	21			325			50%	EOT # 325 Tape MTS.
5	248	148-243	22		wind strip	326			60db	BOT # 326 = 900 10 sec All ones
6	248	148-243	22						50%	
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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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

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CLIENT COCORP	AREA Death Valley	STATE California	COUNTY INYO	DATE 1-27-83
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Cloudy + Wet	LINE NO. 10	

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 - 6 sec			Missed Sweeps	326	OUT	IN		Recorder Set AT 220-221
2 934/935	FINT	2 - " "								Cable crossing Highway AT 156-157
3 936/939	DRD	4 - " "								From 153-166 TOWN OF TECOPA
4 953/954	SUM TEST	2 - " "								Light Rain Falling.
5 960/961	NPS TEST	2 - " "								Vib #17311 Down Replacing Pad.
6 932	Similarity	1 - 32 sec	1	4					50%	4 Vibs 100' spacing 4 1/25' move up 1st vib starts
7 118	wind strip	1 - 48 sec	1						66db	+6 past flag, 8 sweep. Alais 3/125
8 119	249	149-244	1	4	1				50%	Sweep Voltage has been turned Down From 5 volts
9 120	250	150-245	2						50%	TO 2.5 volts. Starting AT STA # 249.
10 121	251	151-246	3						50%	TURN AUX 2 K Gain up From 36db to 48db
11 122	252	152-247	4						50%	TURN AUX 4 K Gain up From 24db to 48db.
12										Shutting Down Due TO heavy Rain.
13										Due TO Rain Void Files # 118-122 will Reshake
14										VP # 249-252.
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26										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32Hz / 32sec	SWEEP PATTERN See Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN X	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y 1100's	TYPE GEOPHONE ETLEV 22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8 ms Sample Rate / 48 sec Record Length	OBSERVER R. Patton	PARTY MGR. L. Davis	LINE DIR. 1 TO 24 W → E		

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CLIENT COCORP	AREA Death Valley	STATE California	COUNTY INYO	DATE 1-31-83
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Clear + Wet	LINE NO. 10	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1 933	Pulse	1 - 6 sec				326	OUT	IN		Recorder set at 220-221
2 934/935	EINT	2 - " "								5 Vib 100' spacing 41.25 move up, 1st Vib
3 936/937	DRD	4 - " "								+56' Past Flag. 8 sweep Alias 31.25.
4 953/954	SWMTEST	2 - " "								Sweep Voltage has been turn down from 5 Volts
5 960/961	NRTTEST	2 - " "								to 2.5 Volts. turn AUX 2 K GAIN UP from 36Db to 48Db
6 932	Similarity	1 - 32 sec	236	5		326			50%	E.O.T. #326, TAPE MKTS. TURN AUX 4 K GAIN UP from 24Db to 48Db.
7 123	Wind Strip	1 - 48 sec	1			327			66Db	B.O.T. #327, 900 10sec ALL ONES
8 124	249	149 - 244	1	5					50%	Cable crossing Highway at 156-157.
9 125	250	150 - 245	2						50%	From 153-166 town of Tecopa.
10 126	251	151 - 246	3						50%	
11 127	252	152 - 247	4						50%	
12 128	253	153 - 248	5						50%	
13 129	254	154 - 249	6						50%	
14 130	255	155 - 250	7						50%	
15 131	256	156 - 251	8						50%	
16 132	257	157 - 252	9						50%	
17 133	258	158 - 253	10						50%	
18 134	259	159 - 254	11						50%	
19 135	260	160 - 255	12			327			50%	E.O.T. #327, TAPE MKTS
20 136	261	161 - 256	13	winestrip		328			66Db	B.O.T. #328, 900 10sec ALL ONES.
21 137	261	161 - 256	13						50%	
22 138	262	162 - 257	14						50%	
23 139	263	163 - 258	15						50%	
24 140	264	164 - 259	16						50%	
25 141	265	165 - 260	17						50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32Hz / 32sec		SWEEP PATTERN See Remarks		SWEEPS PER PATTERN 8	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN X			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y 1100's	TYPE GEOPHONE ETLEU 22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8 ms Sample Rate / 48 sec Record Length			OBSERVER K. Patton / M. Richey	PARTY MGR. L. Davis	

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CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>1-31-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt shoulder</i>	WEATHER <i>clear + wet</i>	LINE NO. # <i>10</i>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	142	266	166-261	18	5	<i>missed sweeps</i> 328	<i>OUT</i>	<i>IN</i>	50%	
2	143	267	167-262	19					50%	
3	144	268	168-263	20					50%	
4	145	269	169-264	21					50%	
5	146	270	170-265	22	1				50%	
6	147	271	171-266	23	1				50%	
7	148	272	172-267	24		328			50%	<i>E.O.T #328, TAPE MKTS</i>
8	149	273	173-268	25	<i>windstrip</i>	329			66db	<i>B.O.T #329, 900 10sec ALL ONES.</i>
9	150	273	173-268	25					50%	
10	151	274	174-269	26					50%	
11	152	275	175-270	27					50%	
12	153	276	176-271	28					50%	
13	154	277	177-272	29					50%	
14	155	278	178-273	30					50%	
15	156	279	179-274	31					50%	
16	157	280	180-275	32					50%	
17	158	281	181-276	33					50%	
18	159	282	182-277	34					50%	
19	160	283	183-278	35					50%	
20	161	284	184-279	36		329			50%	<i>E.O.T #329, TAPE MKTS</i>
21	162	285	185-280	37	<i>windstrip</i>	330			66db	<i>B.O.T #330, 900 10sec ALL ONES.</i>
22	163	285	185-280	37	1				50%	
23	164	286	186-281	38					50%	
24	165	287	187-282	39					50%	
25	166	288	188-283	40					50%	

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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

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CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>1-31-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt shoulder</i>	WEATHER <i>clear & wet</i>	LINE NO. <i>#10</i>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	80 ~	AMP	
1	167	289	189-284	41	5	<i>missal sweep</i> 330	OUT	IN	50%	
2	168	290	190-285	42					50%	
3	169	291	191-286	43	1				50%	
4	170	292	192-287	44					50%	
5	171	293	193-288	45	1				50%	
6	172	294	194-289	46					50%	
7	173	295	195-290	47		330			50%	<i>F.O.T. #330, TAPE MKTS</i>
8	174	296	196-291	48	<i>wind strip</i>	331			66%	<i>B.O.T. #331, 900 10sec ALIQUOTS</i>
9	175	296	196-291	48					50%	
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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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER		PARTY MGR.

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

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CLIENT COCORP	AREA Death Valley	STATE CALIF	COUNTY INYO	DATE 2-1-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER clear & WET	LINE NO. #10	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1	933	PULSE				331	OUT	IN		Recorder set at 268-269
2	934	FINT								5 Vib 100' spacing 41.25 move up, 1st Vib +56'
3	935	DRD								Past Flag. 8 sweep. Sweep Voltage has been
4	936	SUN test								TURN DOWN From 5 Volts to 2.5 Volts. TURN AUX 2
5	937	N.R.J test								K GAIN UP From 36Db to 48Db, TURN AUX 4 K GAIN UP
6	932	SIMILARITY	236	4					50%	From 24Db to 48Db.
7	176	WINDSTRIP	1						66db	Vib # 17311 Down, Replacing FLEX PLATE.
8	177	297	1	4					50%	4 Vib # 1st Vib +6' Past Flag.
9	178	298	2						50%	NOTE: BLAST ON SWEEP #7, File # 179.
10	179	299	3						50%	
11	180	300	4						50%	
12	181	301	5						50%	
13	182	302	6						50%	
14	183	303	7						50%	
15	184	304	8			331			50%	E.O.T # 331, TAPE MKTS
16	185	305	9		windstrip	332			66db	B.O.T # 332, 900 10sec ALL ONES.
17	186	305	9	1					50%	
18	187	306	10						50%	
19	188	307	11						50%	
20	189	308	12						50%	NOTE: BLAST ON SWEEP #3, File 189.
21	190	309	13	1					50%	
22	191	310	14						50%	
23	192	311	15						50%	
24	193	312	16						50%	
25	194	313	17						50%	

+105
25 rec.
1.56000

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32 Hz / 32 sec		SWEEP PATTERN See Remarks		SWEEPS PER PATTERN 8	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN X		REMARKS 8ms Sample RATE / 48sec Record Length.	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y1106's	TYPE GEOPHONE EHL DV22R	FREQUENCY 7.5HZ	STATION INTERVAL 330'
OBSERVER R. PATTON, M. Richey			PARTY MGR. L. Davis		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-1-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt shoulder</i>	WEATHER <i>clear + wet</i>	LINE NO. <i>#10</i>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	80 ~	AMP	
1	195	314	214-309	18	4	332 332	CUT	IN	50%	
2	196	315	215-310	19					50%	
3	197	316	216-311	20		332			50%	E.O. #332, TAPE MKTS
4	198	317	217-312	21	WINDSTRIP	333			60%	R.O.T. #333, 900 10SEC HILONES.
5	199	317	217-312	21					50%	
6	200	318	218-313	22					50%	
7	201	319	219-314	23					50%	
8	202	320	220-315	24					50%	
9	203	321	221-316	25					50%	
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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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS	OBSERVER		PARTY MGR.		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
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Geosource Inc.

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CLIENT COCORP	AREA Death Valley	STATE CALIF	COUNTY INYO	DATE 2-2-83
CREW NO. 6834	TERRAIN Dirt shoulder	WEATHER cloudy + wet + windy	LINE NO. #10	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	80 ~	AMP	
1	933 PULSE	1-6sec				333	OUT	IN		Recorder set at 303-304
2	934 EINT	2-11"								5 Vibs 100' spacing 41.25 MOVE UP 1st Vib +56'
3	206 D.R.D	4-11"								Past Flag. 8 sweep. Sweep voltage has been
4	954 sumtest	2-11"								turn down from 5 volts to 2.5 volts.
5	955 N.R.J. test	2-11"								WINDS ARE BLOWING AT 15-18 M.P.H. TIME IS 9:30
6	932 SIMILARITY	1-32sec	236	4						Vib #17311 DOWN, Replacing Flex Plate.
7	204 WINDSTRIP	1-48sec	1						66db	SKIP STA # 322 TO 331 Due to no shoulder.
8	205 332	232-327	1	4					50%	4 Vibs, 1st Vib +6' Past Flag 100' spacing, 41.25 MOVE UP.
9	206 333	233-328	2						50%	BLAST ON SWEEP NO #7, File # 206
10	SKIP 334	234-329	3							SKIP Due to soft shoulder.
11	SKIP 335	235-330	4							SKIP " " " "
12	207 336	236-331	5						50%	
13	208 337	237-332	6		1	333			50%	E.O.T. # 333, TAPE MKTS
14	209 338	238-333	7		windstrip	334			66db	R.O.T. # 334, 900 10sec ALLIGES.
15	210 338	238-333	7						50%	
16	211 339	239-334	8						50%	
17	212 340	240-335	9						50%	Vibs WENT TO LEFT SIDE OF ROAD.
18	213 341	241-336	10						50%	
19	214 342	242-337	11						50%	
20	215 343	243-338	12						50%	
21	216 344	244-339	13						50%	WINDS ARE AT 13-14 M.P.H., TIME IS 12:05.
22	217 345	245-340	14						50%	
23	218 346	246-341	15						50%	
24	219 347	247-342	16						50%	
25	220 348	248-343	17						50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 > 32Hz / 32sec		SWEEP PATTERN See Remarks		SWEEPS PER PATTERN 8	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN X			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-VIBROS	TYPE GEOPHONE E+1DV228	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms sample rate / 48sec Record Length			OBSERVER R. PATTON, M. RICHEY	PARTY NO. L. DAVIS	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

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CLIENT <i>COCORP</i>	AREA <i>DEATH VALLEY</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-2-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt shoulder</i>	WEATHER <i>cloudy & wet & windy</i>	LINE NO. <i>#10</i>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			RE MARKS
							LOCUT	60 ~	AMP	
1	221	349	249-344	18	4	334	OUT	IN	50%	F.O.T #334, TAPE MKTS
2	222	350	250-345	19		335			66db	B.O.T. #335, 900 kHz HILONES
3	223	350	250-345	19					50%	
4	224	351	251-346	20					50%	
5	SKIP	352	252-347	21					SKIP	Due to soft shoulder.
6	SKIP	353	253-348	22					SKIP	" "
7	SKIP	354	254-349	23					SKIP	" "
8	SKIP	355	255-350	24					SKIP	" "
9	225	356	256-351	25					50%	BACK ON Right SIDE ON Road
10	226	357	257-352	26					50%	
11	SKIP	358	258-353	27					SKIP	Due to soft shoulder.
12	SKIP	359	259-354	28					SKIP	" " " "
13	SKIP	360	260-355	29					SKIP	" " " "
14	227	361	261-356	30					50%	
15	228	362	262-357	31					50%	
16	229	363	263-358	32					50%	
17	SKIP	364	264-359	33					SKIP	Due to soft shoulder.
18	230	365	265-360	34		335			50%	E.O.T #335, TAPE MKTS, Looking like RAIN IN AREA DID NOT DO A SIMILARITY AT THE END OF DAY. F.O.L #10. trying to pick up line before RAIN Hits, already RAINING IN MOUNTAINS.
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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	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS	OBSERVER		PARTY MGR.		