

**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.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	933 Pulse	1-6 sec			Missed sample	316	OUT	IN		BOT # 316 # 900 10 sec All ones
2	934/935 EINT	2- " "								Recorder set AT 72-73
3	936/939 DRD.	4- " "								Cable Crossing Highway AT 81+82 Highway 127.
4	953/954 SumTEST	2- " "								5 Vibs. 100' spacing, 41.25' move up, 1st Vib starts
5	960/961 NRTTEST	2- " "								+56' past Flag, 8 sweeps, Alais 31.25. 5 Station OFFset
6	932 Similarity	1-32 sec	1	4					50%	Vib # 17311 Down. Broken wire in Four way Valve.
7	001 Windstrip	1-48 sec	1						72db	Picking up some noise FROM mines IN Area.
8	002 101	1-96	1	4					50%	4 Vibs 100' spacing, 41.25' move up, 1st Vib starts
9	003 102	2-97	2						50%	+6' past Flag.
10	004 103	3-98	3						50%	
11	005 104	4-99	4						50%	Stacked 1st half.
12	SKIP 105	5-100	5						SKIP	Due to SOFT Shoulder
13	SKIP 106	6-101	6						SKIP	" " " "
14	006 107	7-102	7						50%	stacked Last Half
15	007 108	8-103	8		1				50%	
16	008 109	9-104	9						50%	
17	009 110	10-105	10						50%	
18	010 111	11-106	11						50%	Took Similarity Through Cable with Vibs # 17311 + 23652.
19	011 112	12-107	12	5		316			50%	Vib # 17311 Back on Line. Repaired Broken wire in Four-
20	012 113	13-108	13	wind strip		317			72db	way Valve. UP# 112 EOT # 316 Tape MTS. UP# 113 BOT
21	013 113	13-108	13						50%	# 317 # 900 10 sec All ones.
22	SKIP 114	14-109	14						SKIP	Due to SOFT Shoulder
23	SKIP 115	15-110	15						SKIP	" " " "
24	SKIP 116	16-111	16						SKIP	" " " "
25	SKIP 117	17-112	17						SKIP	" " " "

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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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
REMARKS 8 ms Sample Rate / 48 sec Record Length		OBSERVER R. Patton	PARTY MGR. L. Davis	

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**Exploration Services
Division**
Geosource Inc.

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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	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	SKIP	18-113	18	5	missed sweeps	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	62.5Hz		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		LINE DIR. 1 TO 24
REMARKS						OBSERVER			PARTY MGR.			

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DIGITAL VIBROSEIS RECORDER**

**Exploration Services
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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.	F I L T E R			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 → 32hz	Low A1a's	3/25			50%	Changed Frequency Back TO 8 → 32hz, Low A1a's 3/25hz
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											
16											
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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
REMARKS			OBSERVER		PARTY MGR.

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DIGITAL VIBROSEIS RECORDER**

**Exploration Services
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Geosource Inc.**

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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	60 ~	AMP	
1	933	Pulse			Missed Sweeps	320	OUT	IN		Recorder set AT 136-137
2	934/935	EINT								Wind Blowing 12 M.P.H. Time 10:15
3	936/939	DRD								STA #153 - 166 TOWN OF TECOPA.
4	953/954	Sum Test								5 Vibs, 100' spacing, 4/25; Move up, 1st Vib Starts
5	960/961	NRS TEST								+56' Past Flag, 8 sweeps Alais 3/25,
6	932	Similarity	1	5					50%	Cable Crossing High ways AT 81-82 + 156-157
7	049	Wind strip							72db	Picking up noise From mines IN Area.
8	050	167		5					50%	stacked Last half.
9	051	168							50%	stacked 1st half. got light Blast on sweep # 7. File 051.
10	SKIP	169							SKIP	Due TO SOFT Shoulder.
11	052	170			2	320			50%	EOT # 320 Tape MKTs Bull dozier working At 156-157
12	SKIP	171							SKIP	FROM 171 - 180 SKIP Due TO SOFT Shoulder.
13	053	181				321			66db	Bot # 321 # 900 10 sec All ones.
14	054	181							50%	stacked Last half. Wind now Blowing 14 TO 15 M.P.H. 11:30.
15	055	182							50%	
16	056	183							50%	
17	057	184							50%	
18	058	185							50%	
19	059	186			1				50%	
20	060	187							50%	
21	061	188			1				50%	
22	062	189							50%	4 Vibs, 100' spacing, 4/25' move up, 1st vib Starts +6' Past Flag.
23	063	190		4					50%	Vib # 23652 Down. Radiator Leak.
24	064	191							50%	Sweep #1 Layed Down on Tape
25	065	191							50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8 - 732 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 ETLEU22B	FREQUENCY 7.5 Hz
STATION INTERVAL 330'			LINE DIR. 1 TO 24 W → E	

REMARKS 8 ms Sample Rate / 48 sec Record Length	OBSERVER R. Patten	PARTY MGR P. Davis
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DIGITAL VIBROSEIS RECORDER**

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Geosource Inc.

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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	CDP SW.	NO VIB	Missed Sweeps	TAPE RL. NO.	F I L T E R			RE MARKS	
							LOCUT	60 ~	AMP		
1	066	192	92-187	28	4	1	30	OUT	IN	50%	EOT # 321 Tape MKTs Rain on Back of Line.
2	067	193	93-188	29	wind	strip	322			66db	BOT # 322 *900 10sec All ones.
3	068	193	93-188	29		1				50%	
4	069	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.	

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DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT COCOPP	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	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	322	OUT	IN		Recorder set AT 166-167
2	934/935 EINT	2 - " "								Cable Crossing Highway AT 156-157
3	936/939 DRD	4 - " "								From STA# 153 - 166 TOWN OF TECOPA.
4	953/954 SWM TEST	2 - " "								5 Vibs 100' spacing, 41.25' moveup, 1st vib starts
5	960/961 NRT TEST	2 - " "								+56' past Flag, 8 sweeps, Alais 31.25.
6	932 Similarity	1 - 32 sec	1	5					50%	Picking up noise From mines IN AREA
7	070 Wind STRIP	1 - 48 sec	1						66db	4 Vibs, 100' spacing, 41.25' moveup, 1st vib starts +6' past Flag.
8	071 195	95 - 190	1	4					50%	Vib # 23651 Down, Hydraulic Problem.
9	072 196	96 - 191	2						50%	got light Blast on Sweep # 3. File # 072.
10	073 197	97 - 192	3						50%	Very Wet From # 118 - 135.
11	074 198	98 - 193	4		1				50%	
12	075 199	99 - 194	5						50%	
13	076 200	100 - 195	6						50%	
14	077 201	101 - 196	7			322			50%	got light Blast on Sweep # 2 File # 077. EOT # 322 Tape MKTS.
15	078 202	102 - 197	8	Wind strip		323			66db	Bot # 323 # 900 10 sec All ones.
16	079 202	102 - 197	8						50%	
17	SRIP 203	103 - 198	9						SKIP	Due to SOFT Shoulder.
18	080 204	104 - 199	10	4 Sweeps					50%	Stacked Last half. 4 Sweeps ONLY Shoulder got TO SOFT.
19	SKIP 205	105 - 200	11						SKIP	Due TO SOFT Shoulder
20	SKIP 206	106 - 201	12						SKIP	" " " "
21	081 207	107 - 202	13						50%	stacked 1st half.
22	SKIP 208	108 - 203	14						SKIP	208 - 215 Due TO SOFT wet Shoulder.
23	082 216	116 - 211	22		1				50%	Stacked Last half
24	083 217	117 - 212	23						20%	Went TO Low Drive Due TO SOFT Shoulder.
25	084 218	118 - 213	24		1				20%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8 → 32Hz / 32sec	SWEEP PATTERN See Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN X
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GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5 - X 1100's	TYPE GEOPHONE ETLEV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'	LINE DIR. 1 TO 24 W → E
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REMARKS 8 ms Sample Rate / 48 sec Record Length	OBSERVER R. Patten	PARTY MGR. P. Davis
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**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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	CDP SW.	NO VIB	Missed Sweeps	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	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.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 9

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.	F I L T E R			RE MARKS
							LOCUT	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 MKTs.
5	248	148 - 243	22	wind	strip	326			66db	BOT # 326 # 900 10 sec All ones
6	248	148 - 243	22						50%	
7										
8										
9										
10										
11										
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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 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.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	933	Pulse				326	OUT	IN		Recorder SET AT 220-221
2	934/935	FINT								Cable crossing Highway AT 156-157
3	936/939	DRD								From 153-166 TOWN OF TECOPA
4	953/954	SUM TEST								Light Rain Falling.
5	960/961	NRJ TEST								Vib #17311 Down Replacing Pad.
6	932	Similarity	1	4					50%	4 Vibs 100' spacing 4 1/25' move up 1st vib starts
7	118	wind strip	1						66db	+6' past flag, 8 sweep. Alais 3/125
8	119	249	1	4	1				50%	Sweep voltage has been turned down from 5 volts
9	120	250	2						50%	to 2.5 volts. Starting AT STA #249.
10	121	251	3						50%	TURN AUX 2 R Gain up from 36db to 48db
11	122	252	4						50%	TURN AUX 4 R Gain up from 24db to 48db.
12										Shutting Down Due to heavy rain.
13										Due to rain void files #118-122 will Reshake
14										UP # 249-252.
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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 → 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-V 1100's	TYPE GEOPHONE ETLEU 22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms Sample Rate / 48sec Record Length	OBSERVER R. Patton	PARTY MGR. L. Davis	LINE DIR. 1 TO 24 W → E		

**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>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			REMARKS
							LOCUT	60 ~	AMP	
1	142	266	166-261	18	5	<i>missed sweeps</i> 328	<i>cut</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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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>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	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 ALLONES</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 <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CAIF</i>	COUNTY <i>INYO</i>	DATE <i>2-1-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</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	933	PULSE			<i>MISSED SWEEP</i>	331	OUT	IN		Recorder set at 268-269
2	<i>934/935</i>	FINT								5 Vibs 100' spacing 41.25 MOVE UP, 1st Vib +56'
3	<i>936/935</i>	D.R.D								PAST FLAG. 8 SWEEP. SWEEP VOLTAGE HAS BEEN
4	<i>937/94</i>	SUM test								TURN DOWN From 5 Volts to 2.5 Volts TURN AUX 2
5	<i>938/41</i>	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	197-292	1	4				50%	4 Vib # 1st Vib +6' PAST FLAG.
9	178	298	198-293	2					50%	NOTE: BLAST ON SWEEP #7, File # 179.
10	179	299	199-294	3					50%	
11	180	300	200-295	4					50%	
12	181	301	201-296	5					50%	
13	182	302	202-297	6					50%	
14	183	303	203-298	7					50%	
15	184	304	204-299	8		331			50%	E.O.T #331, TAPE MKTS
16	185	305	205-300	9	windstrip	332			66db	B.O.T #332, 900 10sec ALL ONES.
17	186	305	205-300	9	1				50%	
18	187	306	206-301	10					50%	
19	188	307	207-302	11					50%	
20	189	308	208-303	12					50%	NOTE: BLAST ON SWEEP #3, File 189.
21	190	309	209-304	13	1				50%	
22	191	310	210-305	14					50%	
23	192	311	211-306	15					50%	
24	193	312	212-307	16					50%	
25	194	313	213-308	17					50%	

+105
25 rec.
1.56 cov.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8-32Hz/32sec</i>	SWEEP PATTERN <i>see Remarks</i>	SWEEPS PER PATTERN <i>8</i>	SWEEP PATTERNS PER SETUP <i>1</i>	PATCH PATTERN <i> X </i>	
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-V1106's</i>	TYPE GEOPHONE <i>ETLDV22R</i>	FREQUENCY <i>7.5HZ</i>	STATION INTERVAL <i>330'</i>
REMARKS <i>8ms SAMPLE RATE/48sec Record length.</i>		OBSERVER <i>R. PATTON, M. Richey</i>	PARTY MGR. <i>L. Davis</i>		

**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			REMARKS
							LOCUT	60 ~	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			66Db	B.O.T. #333, 900 10sec MILLONES.
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
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.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	933 PULSE	1-6sec			Missed Sweep	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	935 D.R.D	4-11"								Past Flag. 8 sweep. Sweep voltage has been
4	936 sumtest	2-11"								turn down from 5 volts to 2.5 volts.
5	937 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.D.T. #333, TAPE MKTS
14	209 338	238-333	7		winastrip	334			66db	R.D.T. #334, 900 10sec ALLOWES.
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.
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SWEEP FREQUENCY <i>8 > 32Hz / 32sec</i>	SWEEP PATTERN <i>see Remarks</i>	SWEEPS PER PATTERN <i>8</i>	SWEEP PATTERNS PER SETUP <i>1</i>	PATCH PATTERN <i> X </i>
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-1100's</i>	TYPE GEOPHONE <i>E+1DV22B</i>	FREQUENCY <i>7.5Hz</i>
REMARKS <i>8ms sample rate / 48sec Record Length</i>		OBSERVER <i>R. Patton, M. Richey</i>	PARTY MGR. <i>L. Davis</i>	

**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.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	221	349	249-344	18	4	<i>missed sweep</i> 334	OUT	IN	50%	<i>E.O.T #334, TAPE MKTS</i>
2	222	350	250-345	19	<i>windstrip</i>	335			66db	<i>B.O.T. #335, 900 10sec HILONES</i>
3	223	350	250-345	19					50%	
4	224	351	251-346	20					50%	
5	SKIP	352	252-347	21					SKIP	<i>Due to soft shoulder.</i>
6	SKIP	353	253-348	22					SKIP	<i>" "</i>
7	SKIP	354	254-349	23					SKIP	<i>" "</i>
8	SKIP	355	255-350	24					SKIP	<i>" "</i>
9	225	356	256-351	25					50%	<i>BACK ON Right side ON Road</i>
10	226	357	257-352	26					50%	
11	SKIP	358	258-353	27					SKIP	<i>Due to soft shoulder.</i>
12	SKIP	359	259-354	28					SKIP	<i>" " " "</i>
13	SKIP	360	260-355	29					SKIP	<i>" " " "</i>
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	<i>Due to soft shoulder.</i>
18	230	365	265-360	34		335			50%	<i>E.O.T #335, TAPE MKTS, Looking like RAIN IN AREA DID NOT DO A SIMILARITY AT THE END OF DAY. E.O.L #10. trying to pick up line before RAIN HITS, already RAINING IN MOUNTAINS.</i>
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20										
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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.			