

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CAIF</i>	COUNTY <i>INYO</i>	DATE <i>2-3-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy & WET</i>		LINE NO. <i>11</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	<i>PULSE</i>	<i>1-6sec</i>			<i>Missed Sweep</i>	<i>336</i>	<i>OUT</i>	<i>IN</i>		<i>B.D.T #336, 900 10sec ALL ONES</i>
2	<i>EINT</i>	<i>2-11"</i>								<i>Recorder SET AT 72-73</i>
3	<i>DRD</i>	<i>4-11"</i>								<i>5 Vibs 100' SPACING 41.25 MOVE UP, 1st Vib 56'</i>
4	<i>SUM test</i>	<i>2-11"</i>								<i>Past Flag. ALais 31.25</i>
5	<i>N.R.J test</i>	<i>2-11"</i>								
6	<i>SIMILARITY</i>	<i>1-32sec</i>	<i>236</i>	<i>5</i>						<i>50%</i>
7	<i>WINDSTRIP</i>	<i>1-48sec</i>	<i>1</i>							<i>66db STA* 67 OPEN, DUE TO RIVER.</i>
8	<i>101</i>	<i>1-96</i>	<i>1</i>	<i>5</i>						<i>50%</i>
9	<i>102</i>	<i>2-97</i>	<i>2</i>							<i>50%</i>
10	<i>103</i>	<i>3-98</i>	<i>3</i>							<i>50%</i>
11	<i>104</i>	<i>4-99</i>	<i>4</i>							<i>50%</i>
12	<i>105</i>	<i>5-100</i>	<i>5</i>							<i>50%</i>
13	<i>106</i>	<i>6-101</i>	<i>6</i>							<i>50%</i>
14	<i>107</i>	<i>7-102</i>	<i>7</i>							<i>50%</i>
15	<i>108</i>	<i>8-103</i>	<i>8</i>							<i>50%</i>
16	<i>109</i>	<i>9-104</i>	<i>9</i>							<i>50%</i>
17	<i>110</i>	<i>10-105</i>	<i>10</i>			<i>336</i>				<i>50% E.D.T #336, TAPE MKTS.</i>
18	<i>SKIP</i>	<i>11-106</i>	<i>11</i>							<i>SKIP Due to Road conditions</i>
19	<i>112</i>	<i>12-107</i>	<i>12</i>	<i>wind strip</i>		<i>337</i>				<i>66db B.D.T #337, 900 10sec ALL ONES.</i>
20	<i>112</i>	<i>12-107</i>	<i>12</i>	<i>4</i>						<i>50% Vib #25865 Down, INSTRUMENT troubles.</i>
21	<i>113</i>	<i>13-108</i>	<i>13</i>	<i>5</i>						<i>50% Vib #25865 BACK ON LINE.</i>
22	<i>114</i>	<i>14-109</i>	<i>14</i>							<i>50%</i>
23	<i>115</i>	<i>15-110</i>	<i>15</i>							<i>50%</i>
24	<i>116</i>	<i>16-111</i>	<i>16</i>							<i>50%</i>
25	<i>117</i>	<i>17-112</i>	<i>17</i>							<i>50%</i>

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-Y1100's</i>	TYPE GEOPHONE <i>ETLDV22B</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. 2

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-3-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt</i>	WEATHER <i>Cloudy & WET</i>		LINE NO. <i>11</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	<i>019</i>	<i>118</i>	<i>18-113</i>	<i>18</i>	<i>5</i>	<i>337</i>	<i>OUT</i>	<i>IN</i>	<i>50%</i>	
2	<i>020</i>	<i>119</i>	<i>19-114</i>	<i>19</i>					<i>50%</i>	
3	<i>021</i>	<i>120</i>	<i>20-115</i>	<i>20</i>					<i>50%</i>	
4	<i>022</i>	<i>121</i>	<i>21-116</i>	<i>21</i>					<i>50%</i>	
5	<i>023</i>	<i>122</i>	<i>22-117</i>	<i>22</i>		<i>337</i>			<i>50%</i>	<i>E.O.T. # 337, TAPE MKTS.</i>
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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.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 3

CLIENT <i>CDCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-4-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#11</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	<i>PULSE</i>	<i>1-6sec</i>			<i>Missed Sweep</i>	<i>338</i>	<i>OUT</i>	<i>IN</i>		<i>B.O.T. #338, 900 10sec ALL ONES.</i>
2	<i>EINT</i>	<i>2-11"</i>								<i>Recorder SET AT 94-95</i>
3	<i>D.R.D</i>	<i>4-11"</i>								<i>5 Vib 100' SPACING, 41.25 MOVE UP, 1st Vib +56'</i>
4	<i>SUM test</i>	<i>2-11"</i>								<i>PAST FLAG, 8 SWEEP, ALA's 31.25.</i>
5	<i>N.R.J. test</i>	<i>2-11"</i>								<i>STA # 67 OPEN DUE TO Large Body OF WATER.</i>
6	<i>SIMILARITY</i>	<i>1-32sec</i>	<i>236</i>	<i>5</i>					<i>50%</i>	
7	<i>WINDSTRIP</i>	<i>1-48sec</i>	<i>1</i>						<i>66db</i>	
8	<i>123</i>	<i>23-118</i>	<i>1</i>	<i>5</i>					<i>50%</i>	
9	<i>124</i>	<i>24-119</i>	<i>2</i>						<i>50%</i>	
10	<i>125</i>	<i>25-120</i>	<i>3</i>						<i>50%</i>	
11	<i>126</i>	<i>26-121</i>	<i>4</i>						<i>50%</i>	
12	<i>127</i>	<i>27-122</i>	<i>5</i>						<i>50%</i>	
13	<i>128</i>	<i>28-123</i>	<i>6</i>						<i>50%</i>	
14	<i>129</i>	<i>29-124</i>	<i>7</i>						<i>50%</i>	
15	<i>130</i>	<i>30-125</i>	<i>8</i>						<i>50%</i>	
16	<i>131</i>	<i>31-126</i>	<i>9</i>						<i>50%</i>	
17	<i>132</i>	<i>32-127</i>	<i>10</i>			<i>338</i>			<i>50%</i>	<i>EOT #338 Tape MKTs.</i>
18	<i>133</i>	<i>33-128</i>	<i>11</i>	<i>Wind Strip</i>		<i>339</i>			<i>66db</i>	<i>BOT #339 *900 10sec. ALL ONES</i>
19	<i>133</i>	<i>33-128</i>	<i>11</i>						<i>50%</i>	
20	<i>134</i>	<i>34-129</i>	<i>12</i>		<i>1</i>				<i>50%</i>	
21	<i>135</i>	<i>35-130</i>	<i>13</i>						<i>50%</i>	
22	<i>136</i>	<i>36-131</i>	<i>14</i>						<i>50%</i>	
23	<i>137</i>	<i>37-132</i>	<i>15</i>						<i>50%</i>	
24	<i>138</i>	<i>38-133</i>	<i>16</i>						<i>50%</i>	
25	<i>139</i>	<i>39-134</i>	<i>17</i>						<i>50%</i>	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8 → 32 Hz / 32 sec</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-V1100's</i>	TYPE GEOPHONE <i>E+LDV22R</i>	FREQUENCY <i>7.5 Hz</i>	STATION INTERVAL <i>330'</i>
REMARKS <i>8ms SAMPLE RATE / 48 sec Record Length</i>			OBSERVER <i>R. PATTON, M. RIDLEY</i>	PARTY MGR. <i>L. DAVIS</i>	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 4

CLIENT COCORP	AREA Death Valley	STATE CALIFORNIA	COUNTY INYO	DATE 2-4-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear		LINE NO. 11

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	043	40-135	18	5	1	339	OUT	IN	50%	
2	044	41-136	19						50%	
3	045	42-137	20						50%	
4	046	43-138	21						50%	
5	047	44-139	22			339			50%	EOT #339 Tape MKTs
6	048	45-140	23	wind strip	1	340			66db	BOT #340 #900 10 sec All ones.
7	049	45-140	23						50%	
8	050	46-141	24						50%	
9	051	47-142	25						50%	
10	052	48-143	26						50%	
11	053	49-144	27						50%	
12	054	50-145	28						50%	
13	055	51-146	29						50%	
14	056	52-147	30						50%	
15	057	53-148	31						50%	
16	058	54-149	32		1				50%	
17	059	55-150	33						50%	
18	060	56-151	34			340			50%	E.O.T. #341, TAPE MKTs
19	061	57-152	35	wind strip	1	341			66db	B.O.T. #342, 900 10sec 111ONES.
20	062	57-152	35						50%	
21	063	58-153	36						50%	
22	064	59-154	37						50%	
23	065	60-155	38						50%	
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
REMARKS			OBSERVER	PARTY MGR.	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc. 5

CLIENT COCORP	AREA Death Valley	STATE CALIFORNIA	COUNTY INYO	DATE 2-5-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER partly cloudy + WET		LINE NO. 11

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			341	OUT	IN		Recorder set at 131-132
2	934/935	EINT	2 - " "							5 Vibs 100' spacing 4.25 move up, 1st Vib +56
3	936/939	DRD	4 - " "							Past Flag. 8 sweep Alias 31.25.
4	953/954	Sum Test	2 - " "							
5	960/961	NRJ Test	2 - " "							
6	932	Similarity	1 - 32 sec	236	5					50% STA#67 OPEN, DUE TO WATER
7	066	Wind Strip	1 - 48 sec	2						66db BLAST OK WIND STRIP AT END OF RECORD.
8	067	161	61 - 156	2	5					50%
9	068	162	62 - 157	3						50%
10	069	163	63 - 158	4						50%
11	070	164	64 - 159	5						50%
12	071	165	65 - 160	6		341				50% E.O.T #341, TAPE MK+
13	072	166	66 - 161	7	Windstrip	342				66db B.O.T #342, 900 10sec 4/1 CUES.
14										
15										
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25										

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-V 1100's	TYPE GEOPHONE ETLEV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8 ms Sample Rate / 48 sec Record Length			OBSERVER R. Patten M. Richey	PARTY MGR. L. Davis	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 6

CLIENT COCORP	AREA Death Valley	STATE CALIF	COUNTY INYO	DATE 2-7-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy + WET		LINE NO. #11

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				342	OUT	IN		Recorder set at 136-137
2	934	EINT								5 Vibs 100' spacing 41.25 MOVE UP 1st Vib +56'
3	935	D.R.D								PAST FLAG. 8 SWEEP, ALIAS 31.25
4	936	SUMTEST								NOTE: HAD lots of leakage FROM RAIN, REPLACE SOME
5	937	N.R.J test								cables, CHECK all cables ON LINE.
6	952	Similarity	236	5					50%	NOTE: STA #67-68 OPEN DUE TO WATER IN AREA.
7	073	WINDSTRIP	2						66%	
8	074	166	2	5					50%	
9	075	167	3						50%	
10	076	168	4						50%	
11	077	169	5						50%	
12	078	170	6						50%	
13	079	171	7						50%	
14	080	172	8						50%	
15	081	173	9						50%	
16	082	174	10			342			50%	E.O.T. #342, TAPE MKES
17	083	175	11		WINDSTRIP	343			66%	B.O.T. #343, 900 10sec ALL ONES.
18	084	175	11						50%	
19	085	176	12						50%	
20	086	177	13						50%	
21	087	178	14						50%	
22	088	179	15						50%	
23										
24										
25										

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-V1100's	TYPE GEOPHONE E+LDV200	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8ms Sample Rate / 48 sec Record Length			OBSERVER R. PATTON, M. Richey	PARTY MGR. L. DAVIS	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-8-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Clear & Wet</i>		LINE NO. <i>#11</i>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1	933	PULSE			MISSING	343	OUT	IN		Recorder SET AT 151-152
2	934	EINT								5 Vibs 100' spacing 41.25 MAKE UP 8 SWEEP,
3	935	D.R.D								1st Vib +56' Past Flag- Alias 31.25.
4	936	SUM test								
5	937	N.R.S test								
6	932	SIMILARITY	236	5						50%
7	089	WINDSTRIP	1							66Db
8	090	180	1	5						50%
9	091	181	2							50%
10	092	182	3							50%
11	093	183	4			343				50% E.O.T.#343, TAPE MKTS
12	094	184	5	WINDSTRIP		344				66Db B.O.T.#344, 900 10sec ALLOWES-
13	095	184	5							50%
14	096	185	6							50%
15	097	186	7							50%
16	098	187	8							50%
17	099	188	9							50%
18	100	189	10							50%
19	101	190	11							50%
20	102	191	12							50%
21	103	192	13							50%
22	104	193	14							50%
23	105	194	15							50%
24	106	195	16		1	344				50% E.O.T.#344, TAPE MKTS
25	107	196	17	WINDSTRIP		345				66Db B.O.T.#345, 900 10sec ALLOWES

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8332Hz/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>S-V110's</i>	TYPE GEOPHONE <i>E-FELDV22B</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. RICHIE</i>	PARTY MGR. <i>L. DAVIS</i>	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 8

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-8-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#11</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	108	96-191	17	5	<i>Missed Sweep</i>	345	OUT	1X	50%	
2	109	97-192	18						50%	
3	110	98-193	19	4					50%	<i>Vib #17311, Down, Ant. leak ON BACK motor.</i>
4	111	99-194	20	5					50%	<i>Vib #17311, BACK ON LINE.</i>
5	112	100-195	21						50%	
6	113	101-196	22						50%	
7	114	102-197	23		1				50%	
8	115	103-198	24						50%	
9	116	104-199	25						50%	
10	117	105-200	26						50%	
11	118	106-201	27						50%	
12	119	107-202	28			345			50%	<i>E.O.T. #345, TAPE MKTS</i>
13	120	108-203	29		<i>windstrip</i>	346			66%	<i>B.O.T. #346, 900 10sec ALL ONES.</i>
14	121	108-203	29		1				50%	
15	122	109-204	30						50%	
16	123	110-205	31						50%	
17	124	111-206	32		1				50%	
18	125	112-207	33						50%	
19	126	113-208	34						50%	<i>NOTE: BLAST ON SWEEP #2, File #126</i>
20	127	114-209	35						50%	
21	128	115-210	36						50%	
22	129	116-211	37						50%	
23	130	117-212	38						50%	
24	131	118-213	39						50%	
25	132	119-214	40			346			50%	<i>E.O.T. #346, TAPE MKTS</i>

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 <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CA/IF</i>	COUNTY <i>INYO</i>	DATE <i>2-9-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#11</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	<i>933 PULSE</i>	<i>1-6sec</i>			<i>missed sweep</i>	<i>347</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 191-192 B.O.T. #347, 900 10sec ALLONES</i>
2	<i>934 EINT</i>	<i>2-''''</i>								<i>5 Vib's 100' spacing, 41.25 move up, 1st Vib</i>
3	<i>935 D.R.D</i>	<i>4-''''</i>								<i>+56' Past Flag, 8 sweep, Alias 31.25.</i>
4	<i>936 SUMtest</i>	<i>2-''''</i>								<i>NOTE: Jet Planes IN AREA,</i>
5	<i>937 N.R.J. test</i>	<i>2-''''</i>								<i>NOTE: SOME BLASTING IN AREA FROM MINES.</i>
6	<i>932 Similarity</i>	<i>1-32sec</i>	<i>236</i>							<i>50%</i>
7	<i>133 WINDstrip</i>	<i>1-48sec</i>	<i>1</i>							<i>66db</i>
8	<i>134 220</i>	<i>120-215</i>	<i>1</i>							<i>50%</i>
9	<i>135 221</i>	<i>121-216</i>	<i>2</i>		<i>1</i>					<i>50%</i>
10	<i>136 222</i>	<i>122-217</i>	<i>3</i>							<i>50%</i>
11	<i>137 223</i>	<i>123-218</i>	<i>4</i>							<i>50%</i>
12	<i>138 224</i>	<i>124-219</i>	<i>5</i>							<i>50%</i>
13	<i>139 225</i>	<i>125-220</i>	<i>6</i>							<i>50%</i>
14	<i>140 226</i>	<i>126-221</i>	<i>7</i>							<i>50%</i>
15	<i>141 227</i>	<i>127-222</i>	<i>8</i>							<i>50%</i>
16	<i>142 228</i>	<i>128-223</i>	<i>9</i>							<i>50%</i>
17	<i>143 229</i>	<i>129-224</i>	<i>10</i>			<i>347</i>				<i>50% E.O.T #347, TAPE MAKES</i>
18	<i>144 230</i>	<i>130-225</i>	<i>11</i>	<i>windstrip</i>		<i>348</i>				<i>66db B.O.T #348, 900 10sec ALLONES.</i>
19	<i>145 230</i>	<i>130-225</i>	<i>11</i>							<i>50%</i>
20	<i>146 231</i>	<i>131-226</i>	<i>12</i>							<i>50%</i>
21	<i>147 232</i>	<i>132-227</i>	<i>13</i>							<i>50%</i>
22	<i>148 233</i>	<i>133-228</i>	<i>14</i>							<i>50%</i>
23	<i>149 234</i>	<i>134-229</i>	<i>15</i>							<i>50%</i>
24	<i>150 235</i>	<i>135-230</i>	<i>16</i>							<i>50%</i>
25	<i>151 236</i>	<i>136-231</i>	<i>17</i>							<i>50%</i>

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-V1100's</i>	TYPE GEOPHONE <i>E4LDV22B</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>J. Davis</i>	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 10

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-9-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Clear</i>	LINE NO. # <i>11</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	152	237	137-232	18	5	<i>missed sweep</i> 348	<i>OUT</i>	<i>IN</i>	50%	
2	153	238	138-233	19					50%	<i>BLAST ON SWEEP #2, File #153.</i>
3	154	239	139-234	20					50%	
4	155	240	140-235	21					50%	
5	156	241	141-236	22					50%	
6	157	242	142-237	23		348			50%	<i>E.O.T. #348, TAPE MARKS</i>
7	158	243	143-238	24	<i>WINDSTRIP</i>	349			66db	<i>B.O.T. #349, 900 10sec #11 ONES.</i>
8	159	243	143-238	24					50%	
9	160	244	144-239	25					50%	
10	161	245	145-240	26					50%	
11	162	246	146-241	27	<i> </i>				50%	
12	163	247	147-242	28					50%	
13	164	248	148-243	29					50%	
14	165	249	149-244	30					50%	
15	166	250	150-245	31	<i>1</i>				50%	
16	167	251	151-246	32					50%	
17	168	252	152-247	33					50%	
18	169	253	153-248	34					50%	
19	170	254	154-249	35		349			50%	<i>E.O.T. #349, TAPE MARKS</i>
20	171	255	155-250	36	<i>WINDSTRIP</i>	350			66db	<i>B.O.T. #350, 900 10sec #11 ONES</i>
21	172	255	155-250	36	<i>1</i>				50%	
22	173	256	156-251	37					50%	
23	174	257	157-252	38					50%	
24	175	258	158-253	39	<i> </i>				50%	
25	176	259	159-254	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.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-9-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>11</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	<i>177</i>	<i>260</i>	<i>160-255</i>	<i>41</i>	<i>5</i>	<i>MISSING SWEEP</i>	<i>350</i>	<i>OUT</i>	<i>IN</i>	<i>50%</i>	
2	<i>178</i>	<i>261</i>	<i>161-256</i>	<i>42</i>						<i>50%</i>	
3	<i>179</i>	<i>262</i>	<i>162-257</i>	<i>43</i>						<i>50%</i>	
4	<i>180</i>	<i>263</i>	<i>163-258</i>	<i>44</i>						<i>50%</i>	
5	<i>181</i>	<i>264</i>	<i>164-259</i>	<i>45</i>						<i>50%</i>	
6											
7											
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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>2-10-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>	LINE NO. # <i>11</i>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1 <i>933</i>	<i>PULSE</i>	<i>1-6sec</i>			<i>missed sweeps</i>	<i>350</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 236-237</i>
2 <i>934</i>	<i>EINT</i>	<i>2-11"</i>								<i>5 Vibs 100' spacing 41.25 move up, 1st Vib +56'</i>
3 <i>935</i>	<i>P.R.D</i>	<i>4-11"</i>								<i>Past flag. 8 sweep, Alias 31.25.</i>
4 <i>936</i>	<i>SUMtest</i>	<i>2-11"</i>								<i>NOTE: PICKING UP NOISE FROM Jet Planes Flying</i>
5 <i>937</i>	<i>N.R. Test</i>	<i>2-11"</i>								<i>OVER LINE.</i>
6 <i>932</i>	<i>similarity</i>	<i>1-32sec</i>	<i>236</i>	<i>5</i>		<i>350</i>			<i>50%</i>	<i>E.O.T. #350, TAPE MKTS</i>
7 <i>182</i>	<i>windstrip</i>	<i>1-48sec</i>	<i>1</i>			<i>351</i>			<i>66db</i>	<i>R.O.T. #351, 900 10sec ALL ONES</i>
8 <i>SKIP</i>	<i>265</i>	<i>165-260</i>	<i>1</i>							<i>SKIP Due to INTERSECTION</i>
9 <i>183</i>	<i>266</i>	<i>166-261</i>	<i>2</i>		<i>1</i>				<i>50%</i>	<i>Vibs ARE ON LEFT SIDE OF ROAD.</i>
10 <i>184</i>	<i>267</i>	<i>167-262</i>	<i>3</i>						<i>50%</i>	<i>Vibs ARE ON SHOULDER OF BLACK TOP.</i>
11 <i>185</i>	<i>268</i>	<i>168-263</i>	<i>4</i>						<i>50%</i>	
12 <i>186</i>	<i>269</i>	<i>169-264</i>	<i>5</i>						<i>50%</i>	
13 <i>187</i>	<i>270</i>	<i>170-265</i>	<i>6</i>		<i>1</i>				<i>50%</i>	
14 <i>188</i>	<i>271</i>	<i>171-266</i>	<i>7</i>						<i>50%</i>	
15 <i>189</i>	<i>272</i>	<i>172-267</i>	<i>8</i>						<i>50%</i>	
16 <i>190</i>	<i>273</i>	<i>173-268</i>	<i>9</i>						<i>50%</i>	
17 <i>191</i>	<i>274</i>	<i>174-269</i>	<i>10</i>		<i>1</i>				<i>50%</i>	
18 <i>192</i>	<i>275</i>	<i>175-270</i>	<i>11</i>						<i>50%</i>	<i>BLAST ON SWEEP # 7, File # 192</i>
19 <i>193</i>	<i>276</i>	<i>176-271</i>	<i>12</i>						<i>50%</i>	<i>Vibs went to RIGHT SIDE OF ROAD.</i>
20 <i>194</i>	<i>277</i>	<i>177-272</i>	<i>13</i>			<i>351</i>			<i>50%</i>	<i>E.O.T. #351, TAPE MKTS</i>
21 <i>195</i>	<i>278</i>	<i>178-273</i>	<i>14</i>		<i>windstrip</i>	<i>352</i>			<i>70%</i>	<i>R.O.T. #352, 900 10sec ALL ONES.</i>
22 <i>196</i>	<i>278</i>	<i>178-273</i>	<i>14</i>						<i>50%</i>	
23 <i>197</i>	<i>279</i>	<i>179-274</i>	<i>15</i>						<i>50%</i>	
24 <i>198</i>	<i>280</i>	<i>180-275</i>	<i>16</i>		<i>1</i>				<i>50%</i>	
25 <i>199</i>	<i>281</i>	<i>181-276</i>	<i>17</i>						<i>50%</i>	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY <i>8732Hz/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>ETL DV 22B</i>	FREQUENCY <i>7.5HZ</i>
STATION INTERVAL <i>330'</i>		LINE DIR. 1 TO 24 <i>S → N</i>		

REMARKS <i>8ms Sample RATE/48sec Record Length</i>	OBSERVER <i>R. Patton, M. Richey</i>	PARTY MGR. <i>L. Davis</i>
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**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>2-10-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt shoulder</i>	WEATHER <i>clear</i>		LINE NO. <i>11</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	282	182-277	18	5	M.S.S. 34	352	OUT	IN	50%	
2	SKIP	183-278	19						50%	<i>Due to soft shoulder.</i>
3	284	184-279	20						50%	
4	285	185-280	21						50%	
5	286	186-281	22						50%	
6	287	187-282	23		1				50%	
7	288	188-283	24						50%	<i>Vibs went to left side of road.</i>
8	289	189-284	25						50%	
9	290	190-285	26		1	352			50%	<i>E.O. #352, TAPE MKTS</i>
10	291	191-286	11		<i>windstrip</i>	353			70%	<i>B.O. #353, 900 10sec ALL WES. Recorder moved up 14'</i>
11	291	191-286	11						50%	<i>252-253.</i>
12	292	192-287	12						50%	
13	293	193-288	13						50%	
14	294	194-289	14						50%	
15	295	195-290	15						50%	
16	296	196-291	16		1				50%	
17	297	197-292	17						50%	
18	298	198-293	18						50%	
19	299	199-294	19						50%	
20	300	200-295	20		1				50%	
21	301	201-296	21						50%	
22	302	202-297	22						50%	
23	303	203-298	23		1	353			50%	<i>E.O. #353, TAPE MKTS</i>
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
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>2-11-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt shoulder</i>	WEATHER <i>Clear</i>	LINE NO. <i>#11</i>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1	<i>PULSE</i>	<i>1-6sec</i>			<i>Missed Sweep</i>	<i>354</i>	<i>OUT</i>	<i>IN</i>		<i>B.D.T. #354, 900 10sec ALL ONES.</i>
2	<i>EINT</i>	<i>2- " "</i>								<i>Recorder set at 275-276</i>
3	<i>D.R.D</i>	<i>4- " "</i>								<i>5 Vib 100' spacing 41.25 move LLP 1st Vib +56'</i>
4	<i>SUM test</i>	<i>2- " "</i>								<i>Past Flag. 8 sweep, Alias 31.25.</i>
5	<i>N.R.S test</i>	<i>2- " "</i>								<i>4 Vib, 1st Vib +6' Past Flag. 100' spacing, 41.25 move LLP.</i>
6	<i>similarity</i>	<i>1-32sec</i>	<i>236</i>	<i>4</i>					<i>50%</i>	<i>Vib #23652 Down, Fixing Radiator leak.</i>
7	<i>WINDSTRIP</i>	<i>1-48sec</i>	<i>1</i>						<i>66db</i>	<i>NOTE: Picking LLP NOISE FROM Jet Planes Flying OVER</i>
8	<i>304</i>	<i>204-299</i>	<i>1</i>	<i>4</i>					<i>50%</i>	<i>line. Vib ARE ON LEFT SIDE OF Road.</i>
9	<i>305</i>	<i>205-300</i>	<i>2</i>						<i>50%</i>	
10	<i>306</i>	<i>206-301</i>	<i>3</i>						<i>50%</i>	
11	<i>307</i>	<i>207-302</i>	<i>4</i>		<i>1</i>				<i>50%</i>	
12	<i>308</i>	<i>208-303</i>	<i>5</i>						<i>50%</i>	
13	<i>309</i>	<i>209-304</i>	<i>6</i>						<i>50%</i>	
14	<i>310</i>	<i>210-305</i>	<i>7</i>						<i>50%</i>	
15	<i>311</i>	<i>211-306</i>	<i>8</i>						<i>50%</i>	
16	<i>312</i>	<i>212-307</i>	<i>9</i>						<i>50%</i>	
17	<i>313</i>	<i>213-308</i>	<i>10</i>			<i>354</i>			<i>50%</i>	<i>E.O.T. #354, TAPE MKTS</i>
18	<i>314</i>	<i>214-309</i>	<i>11</i>	<i>windstrip</i>		<i>355</i>			<i>66db</i>	<i>B.D.T. #355, 900 10sec ALL ONES.</i>
19	<i>314</i>	<i>214-309</i>	<i>11</i>						<i>50%</i>	
20	<i>315</i>	<i>215-310</i>	<i>12</i>						<i>50%</i>	
21	<i>316</i>	<i>216-311</i>	<i>13</i>						<i>50%</i>	
22	<i>317</i>	<i>217-312</i>	<i>14</i>						<i>50%</i>	
23	<i>318</i>	<i>218-313</i>	<i>15</i>						<i>50%</i>	
24	<i>319</i>	<i>219-314</i>	<i>16</i>						<i>50%</i>	
25	<i>320</i>	<i>220-315</i>	<i>17</i>						<i>50%</i>	

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-Y1100's</i>	TYPE GEOPHONE <i>ETLDV22B</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 COCORP	AREA Death Valley	STATE CALIF	COUNTY INYO	DATE 2-11-83
CREW NO. 6834	TERRAIN Dirt shoulder	WEATHER Clear		LINE NO. #11

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	241	321	221-316	18	4	Missed 355	355	Out	1K	50%	
2	242	322	222-317	19	1					50%	
3	243	323	223-318	20	L					50%	
4	244	324	224-319	21						50%	
5	245	325	225-320	22		355				50%	E.O.T #355, TAPE MKTS
6	246	326	226-321	23	windstrip	356				66db	B.D.T #356, 900 10sec ALL ONES.
7	247	326	226-321	23						50%	Vibs ARE STARTING ON DIRT ROAD.
8	248	327	227-322	24						50%	
9	249	328	228-323	25						50%	
10	250	329	229-324	26						50%	
11	251	330	230-325	27	1					50%	
12	252	331	231-326	28						50%	
13	253	332	232-327	29						50%	
14	254	333	233-328	30						50%	
15	255	334	234-329	31	1					50%	
16	256	335	235-330	32						50%	
17	257	336	236-331	33	1					50%	
18	258	337	237-332	34						50%	
19	259	338	238-333	35		356				50%	E.O.T #356, TAPE MKTS
20	260	339	239-334	36	windstrip	357				70db	B.D.T #357, 900 10sec ALL ONES.
21	261	339	239-334	36						50%	
22	262	340	240-335	37						50%	
23	263	341	241-336	38	1					50%	
24	264	342	242-337	39						50%	
25	265	343	243-338	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.	

**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>2-11-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Shoulder</i>	WEATHER <i>Clear</i>		LINE NO. # <i>11</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	<i>266</i>	<i>344</i>	<i>244-339</i>	<i>41</i>	<i>4</i>	<i>missed Sweep</i>	<i>357</i>	<i>OUT</i>	<i>IN</i>	<i>50%</i>	
2	<i>267</i>	<i>345</i>	<i>245-340</i>	<i>42</i>						<i>50%</i>	
3	<i>268</i>	<i>346</i>	<i>246-341</i>	<i>43</i>						<i>50%</i>	
4	<i>269</i>	<i>347</i>	<i>247-342</i>	<i>44</i>						<i>50%</i>	
5	<i>270</i>	<i>348</i>	<i>248-343</i>	<i>45</i>						<i>50%</i>	
6	<i>271</i>	<i>349</i>	<i>249-344</i>	<i>46</i>						<i>50%</i>	
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	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.**

CLIENT COCORP	AREA Death Valley	STATE CALIF	COUNTY INYO	DATE 2-12-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER clear	LINE NO. 11	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1	933	PULSE			11552 sweep	358	OUT	IN		Recorder SET AT 299-300. B.O.T # 358, 900 10sec
2	934	EINT								ALL ONES.
3	935	D.R.D								4 Vib 100' spacing 41.25 move up, 1st Vib +6' Past
4	936	sum test								FLAG. 8" sweep # 31.25 Alias.
5	937	N.R.J. test								
6	932	Similarity	236	4					50%	Vibs #23652 DOWN, Fixing Radiator leak.
7	272	WINDSTRIP	23						70%	Vibs ON Dirt Road.
8	273	350	23	4					50%	
9	274	351	24		1				50%	
10	275	352	25						50%	
11	276	353	26		2				50%	
12	277	354	27						50%	
13	278	355	28						50%	
14	279	356	29						50%	
15	280	357	30						50%	
16	281	358	31		1	358			50%	E.O.T #358, TAPE MKTS
17	282	359	32		WINDSTRIP	359			70%	B.O.T #359, 900 10sec ALL ONES.
18	283	359	32						50%	
19	284	360	33						50%	
20	285	361	34						50%	
21	286	362	35						50%	
22	287	363	36						50%	
23	288	364	37						50%	
24	289	365	38						50%	
25	290	366	39		1				50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8.3242/32sec	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-V1100's	TYPE GEOPHONE FTLDV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms Sample Rate / 48sec Record Length		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>2-12-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>211</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	291	367	267-362	40	4	359	OUT	IN	50%	
2	292	368	268-363	41					50%	
3	293	369	269-364	42					50%	
4	294	370	270-365	43	1	359			50%	E.O.T #359, TAPE MKTS
5	295	371	271-366	17	windstrip	360			66db	B.O.T #360, 900 10sec ALL ONES. Recorder moved up
6	296	371	271-366	17					50%	At STA# 326-327
7	297	372	272-367	18					50%	
8	298	373	273-368	19					50%	
9	299	374	274-369	20					50%	NOTE: Picking up noise from 18 Wheeler and other
10	300	375	275-370	21					50%	TRAFFIC Along LINE.
11	301	376	276-371	22					50%	
12	302	377	277-372	23					50%	
13	303	378	278-373	24					50%	
14	304	379	279-374	25					50%	
15	305	380	280-375	26					50%	
16	306	381	281-376	27					50%	
17	307	382	282-377	28		360			50%	E.O.T #360, TAPE MKTS
18	308	383	283-378	29	windstrip	361			66db	B.O.T #361, 900 10sec ALL ONES.
19	309	383	283-378	29					50%	
20	310	384	284-379	30					50%	
21	311	385	285-380	31					50%	
22	312	386	286-381	32					50%	
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
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>2-14-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear & windy</i>		LINE NO. <i>#11</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	<i>PULSE</i>	<i>1-6sec</i>			<i>Missed Sweep</i>	<i>361</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder SET AT 358-359</i>
2	<i>EINT</i>	<i>2-11"</i>								
3	<i>D.R.D</i>	<i>4-11"</i>								<i>4 Vib 100' spacing 41.25 make OP. 1st Vib +6'</i>
4	<i>Sumtest</i>	<i>2-11"</i>								<i>Past Flag. 8 sweep, Alias 31.25</i>
5	<i>N.R.J. test</i>	<i>2-11"</i>								<i>WINDS ARE BLOWING AT 13-15 M.P.H., time 8:55 A.M.</i>
6	<i>Similarity</i>	<i>1-32sec</i>	<i>236</i>	<i>4</i>					<i>50%</i>	<i>Vibs #23652 Down, Fixing Radiator Leak.</i>
7	<i>WINDSTRIP</i>	<i>1-48sec</i>	<i>1</i>						<i>70db</i>	
8	<i>387</i>	<i>287-382</i>	<i>1</i>	<i>4</i>					<i>50%</i>	<i>Vibs ON Dirt Road.</i>
9	<i>388</i>	<i>288-383</i>	<i>2</i>						<i>50%</i>	
10	<i>389</i>	<i>289-384</i>	<i>3</i>		<i>1</i>				<i>50%</i>	
11	<i>390</i>	<i>290-385</i>	<i>4</i>						<i>50%</i>	
12	<i>391</i>	<i>291-386</i>	<i>5</i>			<i>361</i>			<i>50%</i>	<i>E.O.T #361, TAPE MKTS,</i>
13	<i>392</i>	<i>292-387</i>	<i>6</i>	<i>WINDSTRIP</i>		<i>362</i>			<i>66db</i>	<i>B.O.T #362, 900, 10sec ALL ONES.</i>
14	<i>392</i>	<i>292-387</i>	<i>6</i>						<i>50%</i>	
15	<i>393</i>	<i>293-388</i>	<i>7</i>						<i>50%</i>	
16	<i>394</i>	<i>294-389</i>	<i>8</i>						<i>50%</i>	
17	<i>395</i>	<i>295-390</i>	<i>9</i>						<i>50%</i>	<i>NOTE: WINDS ARE BLOWING AT 17-20 M.P.H., TIME 10:45</i>
18	<i>396</i>	<i>296-391</i>	<i>10</i>						<i>50%</i>	
19	<i>397</i>	<i>297-392</i>	<i>11</i>						<i>50%</i>	<i>NOTE: CREW STANDING BY DUE TO STRONG WINDS.</i>
20	<i>398</i>	<i>298-393</i>	<i>12</i>		<i>1</i>				<i>50%</i>	<i>Last V.P. OF THE DAY DUE TO WINDS.</i>
21										<i>BLAST ON SWEEP #4, FILE #326</i>
22										
23										
24										
25										

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-V1100's</i>	TYPE GEOPHONE <i>ETLDV22B</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.**

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-15-82</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>" cloudy</i>		LINE NO. <i>#11</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	<i>PULSE</i>	<i>1-6sec</i>			<i>1/15 sec Sweep</i>	<i>362</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder SET AT 370-371</i>
2	<i>EINT</i>	<i>2-11"</i>								
3	<i>D.R.D</i>	<i>4-11"</i>								<i>5 Vib's 100' spacing 41-25 MAKE UP 1st Vib +56" PAST FLAG.</i>
4	<i>sum test</i>	<i>2-11"</i>								
5	<i>N.R.J test</i>	<i>2-11"</i>								
6	<i>similarity</i>	<i>1-32sec</i>	<i>736</i>	<i>5</i>					<i>50%</i>	
7	<i>windstrip</i>	<i>1-48sec</i>	<i>1</i>						<i>70db</i>	<i>WINDS ARE BLOWING AT 13-15 M.P.H. steady, time 9:40.</i>
8	<i>399</i>	<i>299-394</i>	<i>1</i>	<i>5</i>					<i>50%</i>	
9	<i>400</i>	<i>300-395</i>	<i>2</i>			<i>362</i>			<i>50%</i>	<i>E.O.T.#362, TAPE MKTS</i>
10	<i>401</i>	<i>301-396</i>	<i>3</i>	<i>windstrip</i>		<i>363</i>			<i>70db</i>	<i>R.O.T.#363, 900 10sec ALL ONES.</i>
11	<i>401</i>	<i>301-396</i>	<i>3</i>						<i>50%</i>	<i>NOTE: Picking UP NOISE FROM Jet PLANES. Flying OVER</i>
12	<i>402</i>	<i>302-397</i>	<i>4</i>						<i>50%</i>	<i>line and 18 wheelers along line. BLAST ON SWEEP#7</i>
13	<i>403</i>	<i>303-398</i>	<i>5</i>						<i>50%</i>	
14	<i>404</i>	<i>304-399</i>	<i>6</i>						<i>50%</i>	
15	<i>405</i>	<i>305-400</i>	<i>7</i>						<i>50%</i>	
16	<i>406</i>	<i>306-401</i>	<i>8</i>		<i>1</i>				<i>50%</i>	
17	<i>407</i>	<i>307-402</i>	<i>9</i>						<i>50%</i>	
18	<i>408</i>	<i>308-403</i>	<i>10</i>		<i>1</i>				<i>50%</i>	
19	<i>409</i>	<i>309-404</i>	<i>11</i>						<i>50%</i>	
20	<i>410</i>	<i>310-405</i>	<i>12</i>						<i>50%</i>	
21	<i>411</i>	<i>311-406</i>	<i>13</i>		<i>1</i>				<i>50%</i>	
22	<i>412</i>	<i>312-407</i>	<i>14</i>			<i>363</i>			<i>50%</i>	<i>E.O.T.#363, TAPE MKTS</i>
23	<i>413</i>	<i>313-408</i>	<i>15</i>	<i>windstrip</i>		<i>364</i>			<i>66db</i>	<i>R.O.T.#364, 900 10sec ALL ONES.</i>
24	<i>413</i>	<i>313-408</i>	<i>15</i>		<i>1</i>				<i>50%</i>	
25	<i>414</i>	<i>314-409</i>	<i>16</i>						<i>50%</i>	

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>5-1100's</i>	TYPE GEOPHONE <i>ETLDU22B</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. 2)

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-15-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>partly cloudy</i>		LINE NO. <i>#11</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	346	415	315 - 410	17	5	<i>missed sweep</i>	364	NET	IN	50%	
2	347	416	316 - 411	18						50%	
3	348	417	317 - 412	19						50%	
4	349	418	318 - 413	20						50%	
5	350	419	319 - 414	21						50%	
6	351	420	320 - 415	22						50%	
7	352	421	321 - 416	23						50%	
8	353	422	322 - 417	24						50%	
9	354	423	323 - 418	25						50%	
10	355	424	324 - 419	26			364			50%	<i>E.O.T.#364, TAPE MKTS</i>
11	356	425	325 - 420	27		<i>windstrip</i>	365			70%	<i>B.O.T.#365, 900/sec. #11 ONES.</i>
12	357	425	325 - 420	27						50%	
13	358	426	326 - 421	28						50%	
14	359	427	327 - 422	29						50%	
15	360	428	328 - 423	30						50%	
16	361	429	329 - 424	31						50%	
17	362	430	330 - 425	32						50%	
18	363	431	331 - 426	33						50%	
19	364	432	332 - 427	34						50%	
20	365	433	333 - 428	35						50%	
21	366	434	334 - 429	36						50%	
22	367	435	335 - 430	37						50%	
23	368	436	336 - 431	38			365			50%	<i>E.O.T.#365, TAPE MKTS</i>
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
REMARKS			OBSERVER	PARTY MGR.	

**OBSERVER'S REPORT
'DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 23

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-16-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Cloudy</i>		LINE NO. <i>#11</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	388	454	354-449	18	5	<i>367</i>	<i>OUT</i>	<i>IN</i>	<i>50%</i>	
2	389	455	355-450	19	1				<i>50%</i>	
3	390	456	356-451	20					<i>50%</i>	
4	391	457	357-452	21					<i>50%</i>	
5	392	458	358-453	22	1	<i>367</i>			<i>50%</i>	<i>E.O.T #367, TAPE MKTS</i>
6	393	459	359-454	23	<i>windstrip</i>	<i>368</i>			<i>60%</i>	<i>B.O.T #368, 900 10sec ALLOWES</i>
7	394	459	359-454	23	1				<i>50%</i>	
8	395	460	360-455	24					<i>50%</i>	
9	396	461	361-456	25					<i>50%</i>	
10	397	462	362-457	26					<i>50%</i>	
11	398	463	363-458	27	1				<i>50%</i>	
12	399	464	364-459	28					<i>50%</i>	
13	400	465	365-460	29	1				<i>50%</i>	
14	401	466	366-461	30					<i>50%</i>	
15	402	467	367-462	31	1				<i>50%</i>	
16	403	468	368-463	32					<i>50%</i>	
17	404	469	369-464	33	1				<i>50%</i>	
18	405	470	370-465	34	1	<i>368</i>			<i>50%</i>	<i>E.O.T #368, TAPE MKTS</i>
19	406	471	371-466	7	<i>windstrip</i>	<i>369</i>			<i>70%</i>	<i>B.O.T #369, 900 10sec ALLOWES. Recorder moved up at</i>
20	407	471	371-466	7					<i>50%</i>	<i>STA# 436-437.</i>
21	408	472	372-467	8					<i>50%</i>	
22	409	473	373-468	9					<i>50%</i>	
23	410	474	374-469	10					<i>50%</i>	
24	411	475	375-470	11					<i>50%</i>	
25	412	476	376-471	12					<i>50%</i>	

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.

24

CLIENT <i>COCORP</i>		AREA <i>Death Valley</i>		STATE <i>CALIF</i>		COUNTY <i>INYO</i>		DATE <i>2-16-83</i>			
CREW NO. <i>6834</i>		TERRAIN <i>Dirt Road</i>		WEATHER <i>clear</i>		LINE NO. <i>11</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	<i>413</i>	<i>477</i>	<i>377-472</i>	<i>13</i>	<i>5</i>	<i>MISSING SWEEP</i>	<i>369</i>	<i>OUT</i>	<i>IN</i>	<i>50%</i>	
2	<i>414</i>	<i>478</i>	<i>378-473</i>	<i>14</i>						<i>50%</i>	
3	<i>415</i>	<i>479</i>	<i>379-474</i>	<i>15</i>						<i>50%</i>	
4											
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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.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

25

CLIENT <i>CO CORP</i>	AREA <i>Death Valley</i>	STATE <i>CAIF</i>	COUNTY <i>INYO</i>	DATE <i>2-17-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#11</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	<i>PULSE</i>	<i>1-6sec</i>			<i>100dB</i>	<i>369</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 451-452</i>
2	<i>EINT</i>	<i>2-'' ''</i>								<i>NOTE: lots of traffic along from 18 wheelers.</i>
3	<i>D.R.D</i>	<i>4-'' ''</i>								<i>5 Vibs 100's spacing 41.25 move up, 1st Vib +56' Past</i>
4	<i>Surf test</i>	<i>2-'' ''</i>								<i>Flag. 8 sweep Alias 31.25</i>
5	<i>N.R.J.</i>	<i>2-'' ''</i>								<i>NOTE: Picking up noise from jet planes flying over mine</i>
6	<i>Similarity</i>	<i>1-32sec</i>	<i>236</i>	<i>5</i>		<i>369</i>			<i>50%</i>	<i>E.O.T #369, TAPE MKTS</i>
7	<i>Windstrip</i>	<i>1-48sec</i>	<i>1</i>			<i>370</i>			<i>70dB</i>	<i>B.O.T #370, 900 10sec ALL ONES.</i>
8	<i>480</i>	<i>380-475</i>	<i>1</i>	<i>5</i>					<i>50%</i>	
9	<i>481</i>	<i>381-476</i>	<i>2</i>						<i>50%</i>	
10	<i>482</i>	<i>382-477</i>	<i>3</i>						<i>50%</i>	
11	<i>483</i>	<i>383-478</i>	<i>4</i>						<i>50%</i>	
12	<i>484</i>	<i>384-479</i>	<i>5</i>						<i>50%</i>	
13	<i>485</i>	<i>385-480</i>	<i>6</i>						<i>50%</i>	
14	<i>486</i>	<i>386-481</i>	<i>7</i>						<i>50%</i>	
15	<i>487</i>	<i>387-482</i>	<i>8</i>						<i>50%</i>	
16	<i>488</i>	<i>388-483</i>	<i>9</i>						<i>50%</i>	
17	<i>489</i>	<i>389-484</i>	<i>10</i>						<i>50%</i>	
18	<i>490</i>	<i>390-485</i>	<i>11</i>						<i>50%</i>	
19	<i>491</i>	<i>391-486</i>	<i>12</i>		<i>1</i>				<i>50%</i>	
20	<i>492</i>	<i>392-487</i>	<i>13</i>			<i>370</i>			<i>50%</i>	<i>E.O.T #370, TAPE MKTS</i>
21	<i>493</i>	<i>393-488</i>	<i>14</i>	<i>windstrip</i>		<i>371</i>			<i>70dB</i>	<i>B.O.T #371, 900 10sec ALL ONES</i>
22	<i>493</i>	<i>393-488</i>	<i>14</i>						<i>50%</i>	
23	<i>494</i>	<i>394-489</i>	<i>15</i>						<i>50%</i>	
24	<i>495</i>	<i>395-490</i>	<i>16</i>						<i>50%</i>	
25	<i>496</i>	<i>396-491</i>	<i>17</i>						<i>50%</i>	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8 232Hz / 32sec</i>		SWEEP PATTERN <i>See Remarks</i>		SWEEPS PER PATTERN <i>8</i>	
SWEEP PATTERNS PER SETUP <i>1</i>		PATCH PATTERN <i> </i>			
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-Y11005</i>	TYPE GEOPHONE <i>ETLPR22B</i>	FREQUENCY <i>7.5Hz</i>	STATION INTERVAL <i>330'</i>
REMARKS <i>8ms sample rate / 48sec Record Length</i>			OBSERVER <i>B. Patton, M. Richey</i>	PARTY MGR. <i>L. Davis</i>	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division** 26
Geosource Inc.

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-17-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>11</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	435	497	397-492	18	5	<i>371</i>	<i>OUT</i>	<i>IN</i>	50%	
2	436	498	398-493	19					50%	<i>BLAST ON SWEEP #6, File #436.</i>
3	437	499	399-494	20					50%	
4	438	500	400-495	21					50%	
5	439	501	401-496	22					50%	<i>BLAST ON SWEEP #6, File 439</i>
6	440	502	402-497	23					50%	
7	441	503	403-498	24					50%	
8	442	504	404-499	25		<i>371</i>			50%	<i>E.O.T #371, TAPE MKTS</i>
9	443	505	405-500	26	<i>windstrip</i>	<i>372</i>			66db	<i>B.O.T #372, 900 10sec MILLONES.</i>
10	444	505	405-500	26					50%	
11	445	506	406-501	27					50%	
12	446	507	407-502	28					50%	
13	447	508	408-503	29					50%	
14	448	509	409-504	30					50%	
15	449	510	410-505	31					50%	
16	450	511	411-506	32					50%	
17	451	512	412-507	33					50%	
18	452	513	413-508	34					50%	
19	453	514	414-509	35					50%	
20	454	515	415-510	36	<i>1</i>				50%	
21	455	516	416-511	37		<i>372</i>			50%	<i>E.O.T #372, TAPE MKTS</i>
22	456	517	417-512	38	<i>windstrip</i>	<i>373</i>			66db	<i>B.O.T #373, 900 10sec MILLONES.</i>
23	457	517	417-512	38					50%	
24	458	518	418-513	39					50%	
25	459	519	419-514	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.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 27

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CAIF</i>	COUNTY <i>INYO</i>	DATE <i>2-18-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Clear & Windy</i>		LINE NO. # <i>11</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	<i>PULSE</i>	<i>1-6sec</i>			<i>Missed Sweep</i>	<i>373</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 488-489</i>
2	<i>EINT</i>	<i>2-''''</i>								
3	<i>D.R.D</i>	<i>4-''''</i>								<i>5 Vibs 100 spacing 41.25 move up. 1st Vib +56" Past</i>
4	<i>sumtest</i>	<i>2-''''</i>								<i>Flag. 8 sweep</i>
5	<i>N.R.5</i>	<i>2-''''</i>								
6	<i>Similarity</i>	<i>1-32sec</i>	<i>236</i>	<i>5</i>					<i>50%</i>	
7	<i>WINDstrip</i>	<i>1-48sec</i>	<i>4</i>						<i>50%</i>	<i>NOTE: WINDS ARE BLOWING AT 20-25 M.P.H. steady, time</i>
8	<i>520</i>	<i>420-515</i>	<i>4</i>	<i>5</i>					<i>50%</i>	<i>8:45 AM.</i>
9	<i>521</i>	<i>421-516</i>	<i>5</i>						<i>50%</i>	<i>WINDS ARE BLOWING AT 26-31 M.P.H. steady, time 9:20 AM.</i>
10	<i>522</i>	<i>422-517</i>	<i>6</i>						<i>50%</i>	<i>CREW IS STANDING BY FOR WINDS, FROM 28-32 M.P.H. STOPPING FOR THE DAY. TIME 10:30 AM.</i>
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 <i>8 > 32 Hz / 32 sec</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>5-4100's</i>	TYPE GEOPHONE <i>F+LDV225</i>	FREQUENCY <i>7.5 Hz</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>Z. Davis</i>	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc. 28

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-21-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>411</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	<i>PULSE</i>	<i>1-6sec</i>			<i>MISS</i>	<i>373</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder SET AT 494-495</i>
2	<i>EINT</i>	<i>2-11"</i>								<i>5 Vib 100' SPACING 41.25 MOVE UP, 1st Vib</i>
3	<i>D.R.D</i>	<i>4-11"</i>								<i>+56' PAST FLAG, 8 sweep.</i>
4	<i>SUMTEST</i>	<i>2-11"</i>								
5	<i>N.R.J.</i>	<i>2-11"</i>								
6	<i>SIMILARITY</i>	<i>1-32sec</i>	<i>236</i>	<i>5</i>		<i>373</i>			<i>50%</i>	<i>F.O. #373, TAPE MKTS</i>
7	<i>WINDSTRIP</i>	<i>1-48sec</i>	<i>1</i>			<i>374</i>			<i>66Db</i>	<i>B.O. #374, NO TAPE MKTS, 900 10sec ALL ONES.</i>
8	<i>523</i>	<i>423-518</i>	<i>1</i>	<i>5</i>					<i>50%</i>	
9	<i>524</i>	<i>424-519</i>	<i>2</i>						<i>50%</i>	
10	<i>525</i>	<i>425-520</i>	<i>3</i>						<i>50%</i>	
11	<i>526</i>	<i>426-521</i>	<i>4</i>						<i>50%</i>	
12	<i>527</i>	<i>427-522</i>	<i>5</i>						<i>50%</i>	
13	<i>528</i>	<i>428-523</i>	<i>6</i>						<i>50%</i>	
14	<i>529</i>	<i>429-524</i>	<i>7</i>						<i>50%</i>	
15	<i>530</i>	<i>430-525</i>	<i>8</i>						<i>50%</i>	
16	<i>531</i>	<i>431-526</i>	<i>9</i>						<i>50%</i>	
17	<i>532</i>	<i>432-527</i>	<i>10</i>						<i>50%</i>	
18	<i>533</i>	<i>433-528</i>	<i>11</i>						<i>50%</i>	
19	<i>534</i>	<i>434-529</i>	<i>12</i>						<i>50%</i>	
20	<i>535</i>	<i>435-530</i>	<i>13</i>			<i>374</i>			<i>50%</i>	<i>F.O. #374, TAPE MKTS</i>
21	<i>536</i>	<i>436-531</i>	<i>14</i>	<i>WINDSTRIP</i>		<i>375</i>			<i>66Db</i>	<i>B.O. #375, 900 10sec ALL ONES.</i>
22	<i>536</i>	<i>436-531</i>	<i>14</i>						<i>50%</i>	
23	<i>537</i>	<i>437-532</i>	<i>15</i>	<i>1</i>					<i>50%</i>	<i>BLAST ON SWEEP #4, FILE #480.</i>
24	<i>538</i>	<i>438-533</i>	<i>16</i>						<i>50%</i>	
25	<i>539</i>	<i>439-534</i>	<i>17</i>						<i>50%</i>	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8 > 32 Hz / 32 sec</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>ETE DL 22 R</i>	FREQUENCY <i>7.5 Hz</i>	STATION INTERVAL <i>330'</i>
REMARKS <i>8ms SAMPLE RATE / 48sec Record Length</i>			OBSERVER <i>R. PATTON, M. RICHES</i>	PARTY MGR. <i>L. PAVIS</i>	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

Exploration Services
Division
Geosource Inc. 29

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-21-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#11</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	483	540	440-535	18	5	<i>missed sweep</i> 375	OUT	IN	50%	
2	484	541	441-536	19					50%	
3	485	542	442-537	20					50%	
4	486	543	443-538	21					50%	
5	487	544	444-539	22					50%	
6	488	545	445-540	23					50%	
7	489	546	446-541	24					50%	
8	490	547	447-542	25					50%	
9	491	548	448-543	26		375			50%	<i>E.O.T #375, TAPE MKTS</i>
10	492	549	449-544	27	<i>windstrip</i>	376			70%	<i>B.O.T #376, 900 10sec ALLOWES.</i>
11	493	549	449-544	27					50%	
12	494	550	450-545	28					50%	
13	495	551	451-546	29					50%	
14	496	552	452-547	30					50%	
15	497	553	453-548	31					50%	
16	498	554	454-549	32					50%	
17	499	555	455-550	33	1				50%	
18	500	556	456-551	34					50%	
19	501	557	457-552	35					50%	
20	502	558	458-553	36	1				50%	
21	503	559	459-554	37					50%	
22	504	560	460-555	38					50%	
23	505	561	461-556	39		376			50%	<i>E.O.T #376, TAPE MKTS</i>
24	506	562	462-557	40	<i>windstrip</i>	377			66%	<i>B.O.T #377, 900 10sec ALLOWES.</i>
25	507	562	462-557	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		LINE DIR. 1 TO 24	
REMARKS						OBSERVER			PARTY MGR.				

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 30

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-22-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#11</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	<i>PULSE</i>	<i>1-6sec</i>			<i>Missed Sweep</i>	<i>377</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 534-535</i>
2	<i>FINT</i>	<i>2-''''</i>								
3	<i>D.R.D</i>	<i>4-''''</i>								<i>5 Vibs 100' spacing, 4/25 MOVE CUP, 1st Vib +56'</i>
4	<i>SUM test</i>	<i>2-''''</i>								<i>PAST FLAG. 8 sweep.</i>
5	<i>N.R.J</i>	<i>2-''''</i>								<i>BLASTING IN AREA FROM MINES.</i>
6	<i>SIMILACITY</i>	<i>1-32sec</i>	<i>236</i>	<i>5</i>						<i>50%</i>
7	<i>WINDSTRIP</i>	<i>1-48sec</i>	<i>1</i>							<i>700h</i>
8	<i>563</i>	<i>463-538</i>	<i>1</i>	<i>5</i>						<i>50%</i>
9	<i>564</i>	<i>464-559</i>	<i>2</i>							<i>50%</i>
10	<i>565</i>	<i>465-560</i>	<i>3</i>							<i>50%</i>
11	<i>566</i>	<i>466-561</i>	<i>4</i>							<i>50%</i>
12	<i>567</i>	<i>467-562</i>	<i>5</i>							<i>50%</i>
13	<i>568</i>	<i>468-563</i>	<i>6</i>							<i>50%</i>
14	<i>569</i>	<i>469-564</i>	<i>7</i>							<i>50%</i>
15	<i>570</i>	<i>470-565</i>	<i>8</i>			<i>377</i>				<i>50%</i>
16	<i>571</i>	<i>471-566</i>	<i>9</i>	<i>WINDSTRIP</i>		<i>378</i>				<i>700h</i>
17	<i>571</i>	<i>471-566</i>	<i>9</i>							<i>50%</i>
18	<i>572</i>	<i>472-567</i>	<i>10</i>							<i>50%</i>
19	<i>573</i>	<i>473-568</i>	<i>11</i>							<i>50%</i>
20	<i>574</i>	<i>474-569</i>	<i>12</i>							<i>50%</i>
21	<i>575</i>	<i>475-570</i>	<i>13</i>							<i>50%</i>
22	<i>576</i>	<i>476-571</i>	<i>14</i>							<i>50%</i>
23	<i>577</i>	<i>477-572</i>	<i>15</i>							<i>50%</i>
24	<i>578</i>	<i>478-573</i>	<i>16</i>							<i>50%</i>
25	<i>579</i>	<i>479-574</i>	<i>17</i>							<i>50%</i>

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY <i>8x32Hz/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>E4LDV22B</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** 31
Geosource Inc.

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-22-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>	LINE NO. <i>#11</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	527	480-575	18	5	<i>raised SW-sweep</i>	378	<i>OUT</i>	<i>IN</i>	50%	
2	528	481-576	19						50%	
3	529	482-577	20			378			50%	<i>E.O.T #378, TAPE MKTS</i>
4	530	483-578	21		<i>windstrip</i>	379			70%	<i>B.O.T #379, 900 10sec ALL ONES</i>
5	531	483-578	21						50%	
6	532	484-579	22						50%	
7	533	485-580	23						50%	
8	534	486-581	24						50%	
9	535	487-582	25						50%	
10	536	488-583	26						50%	
11	537	489-584	27						50%	
12	538	490-585	28						50%	
13	539	491-586	29						50%	
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	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. 32

CLIENT COCORP	AREA Death Valley	STATE CAIF	COUNTY INYO	DATE 2-23-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER clear		LINE NO. #11

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	1-6 sec			MISSING SWEEP	379	OUT	IN		Recorder SET AT 563-564
2	934 EINT	2-11 "								
3	935 D.R.D	4-11 "								5 Vibs, 100' SPACING 41.25 MOVE UP, 1st Vib +56'
4	936 SUMTEST	2-11 "								PAST FLAG. 8 SWEEP.
5	937 N.R.J TEST	2-11 "								
6	932 SIMILARITY	1-32 sec	236	5		379			50%	E.O.T #379, TAPE MKTS
7	540 WINDSTRIP	1-48 sec	1			380			72db	R.O.T #380, 900 10sec ALL ONES.
8	541 592	492-587	1	5					50%	NOTE: PICKING UP NOISE FROM JET PLANES FLYING OVER
9	542 593	493-588	2						50%	LINE, AND 18 WHEELERS ALONG LINE
10	543 594	494-589	3						50%	BLAST ON SWEEP #7, FILE #542.
11	544 595	495-590	4						50%	
12	545 596	496-591	5						50%	
13	546 597	497-592	6						50%	
14	547 598	498-593	7						50%	
15	548 599	499-594	8						50%	
16	549 600	500-595	9						50%	
17	550 601	501-596	10						50%	
18	551 602	502-597	11						50%	
19	552 603	503-598	12			380			50%	E.O.T #380, TAPE MKTS
20	553 604	504-599	13	WINDSTRIP		381			72db	R.O.T #381, 900 10sec ALL ONES.
21	554 604	504-599	13						50%	
22	555 605	505-600	14						50%	
23	556 606	506-601	15						50%	
24	557 607	507-602	16						50%	
25	558 608	508-603	17						50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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-V1100'S	TYPE GEOPHONE E+LDV22R	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8ms SAMPLE RATE / 48sec Record Length			OBSERVER R. PATTON, M. RICKEY	PARTY MGR. L. DAVIS	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>2-23-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#11</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	559	609	509-604	18	5	<i>miss'd sweep</i> 381	OUT	IN	50%	
2	560	610	510-605	19					50%	
3	561	611	511-606	20					50%	
4	562	612	512-607	21					50%	
5	563	613	513-608	22					50%	
6	564	614	514-609	23					50%	
7	565	615	515-610	24		381			50%	<i>E.O.T#381, TAPE MKTS</i>
8	566	616	516-611	25	<i>windstrip</i>	382			72db	<i>R.O.T#382, 900 10sec ALL ONES.</i>
9	567	616	516-611	25					50%	
10	568	617	517-612	26					50%	
11	569	618	518-613	27					50%	
12	570	619	519-614	28					50%	
13	571	620	520-615	29					50%	<i>BLAST OK SWEEP#5, File #571.</i>
14	572	621	521-616	30					50%	
15	573	622	522-617	31					50%	
16	574	623	523-618	32					50%	
17	575	624	524-619	33					50%	
18	576	625	525-620	34					50%	
19	577	626	526-621	35					50%	
20	578	627	527-622	36	1				50%	
21	579	628	528-623	37		382			50%	<i>E.O.T#382, TAPE MKTS</i>
22	580	629	529-624	38	<i>windstrip</i>	383			72db	<i>R.O.T#383, 900 10sec ALL ONES.</i>
23	581	629	529-624	38					50%	
24	582	630	530-625	39					50%	
25	583	631	531-626	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.	

**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>2-24-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Cloudy + light RAIN</i>		LINE NO. <i>#11</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	603	549-644	18	5	<i>missed sweep</i>	384	OUT	IN	50%	
2	604	550-645	19	4					50%	<i>Vib #17311 Down, instrument troubles.</i>
3	605	551-646	20		1	384			50%	<i>E.O.T #384, TAPE MKTS</i>
4	606	552-647	21		<i>windstrip</i>	385			66db	<i>B.O.T #385, 900/sec ALL AXES.</i>
5	607	552-647	21						50%	<i>NOTE: light RAIN ON BACK OF LINE</i>
6	608	553-648	22		1				50%	<i>BLAST ON SWEEP #3, File #608. AND SWEEP #7.</i>
7	609	554-649	23	5					50%	<i>Vib #17311 Back ON LINE.</i>
8	610	555-650	24		1				50%	
9	611	556-651	25						50%	<i>NOTE: standing BY FOR RAIN ON LINE, Stopping Due to RAIN + WIND.</i>
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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 2-28-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy - WINDY	LINE NO. #11	

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			<i>Miscellaneous</i>	385	OUT	IN		Recorder set at 628-629
2	934 EINT	2-11"								
3	935 D.R.D	4-11"								
4	936 SUMTEST	2-11"								NOTE: HAVE BY-PASSED CO-MODE Filters, will Reshake STA# 653-654-655-656 to compare the Difference.
5	937 N.R.J	2-11"								
6	932 SIMILARITY	1-32sec	236	5					50%	
7	612 WINDSTRIP	1-48sec	238						72Db	WINDS ARE BLOWING AT 20-25 M.P.H.
8	613 653	553-648	238	5					50%	NOTE: Reshaking
9	614 654	554-649	239						50%	NOTE: Reshaking
10	615 655	555-650	240						50%	" "
11	616 656	556-651	1						50%	E.O.T#387, TAPE MKTS. Reshaking.
12	617 657	557-652	2			385			50%	WINDS ARE BLOWING AT 25 M.P.H. steady Gust to 30MPH.
13	618 658	558-653	3	WINDSTRIP		386			72Db	
14	619 658	558-653	3						50%	
15	620 659	559-654	4		11				50%	
16	621 660	560-655	5		1				50%	
17	622 661	561-656	6		11				50%	
18	623 662	562-657	7						50%	
19	624 663	563-658	8						50%	
20	625 664	564-659	9						50%	End of tape End of line 11
21										due to weather +
22										Field conditions
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-X1100's	TYPE GEOPHONE E+CDV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms Sample RATE/48sec Record Length			OBSERVER R. PATTON, M. Richey	PARTY MGR. L. DAVIS	