

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT <i>Co Corp</i>	AREA <i>Death Valley</i>	STATE <i>Calif.</i>	COUNTY <i>INYO</i>	DATE <i>3-6-82</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>12</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>933 Pulse</i>	<i>1-6 sec</i>			<i>MIDGEO SPICEP</i>	<i>387</i>	<i>out</i>	<i>IN</i>		<i>B.O.T # 387, 900 10sec 411 ONES.</i>
2	<i>934 EINT</i>	<i>2- " "</i>								<i>Recorder set at 74-75</i>
3	<i>935 D.R.D.</i>	<i>4- " "</i>								<i>5 Vibs 100' spacing 41.25 move cap, 1st Vib +56'</i>
4	<i>936 sumtest</i>	<i>2- " "</i>								<i>Past Flag. 8 sweep.</i>
5	<i>937 N.R.J.</i>	<i>2- " "</i>								
6	<i>932 Similarity</i>	<i>1-32 sec.</i>	<i>236</i>	<i>5</i>					<i>50%</i>	
7	<i>001 WINDSTRIP</i>	<i>1-48 sec</i>	<i>4</i>						<i>7200</i>	
8	<i>002 001</i>	<i>6-101</i>	<i>4</i>	<i>5</i>					<i>50%</i>	
9	<i>003 002</i>	<i>7-102</i>	<i>5</i>						<i>50%</i>	
10	<i>004 003</i>	<i>8-103</i>	<i>6</i>						<i>50%</i>	
11	<i>005 004</i>	<i>9-104</i>	<i>7</i>						<i>50%</i>	
12	<i>006 005</i>	<i>10-105</i>	<i>8</i>		<i>11</i>				<i>50%</i>	
13	<i>007 006</i>	<i>11-106</i>	<i>9</i>						<i>50%</i>	
14	<i>008 007</i>	<i>12-107</i>	<i>10</i>						<i>50%</i>	
15	<i>009 008</i>	<i>13-108</i>	<i>11</i>						<i>50%</i>	
16	<i>010 009</i>	<i>14-109</i>	<i>12</i>						<i>50%</i>	
17	<i>011 010</i>	<i>15-110</i>	<i>13</i>			<i>387</i>			<i>50%</i>	<i>E.O.T # 387, TAPE MKTS</i>
18	<i>012 011</i>	<i>16-111</i>	<i>14</i>	<i>WINDSTRIP</i>		<i>388</i>			<i>50%</i>	<i>B.O.T # 388, 900 10sec 411 ONES.</i>
19	<i>013 011</i>	<i>16-111</i>	<i>14</i>		<i>1</i>				<i>50%</i>	
20	<i>014 012</i>	<i>17-112</i>	<i>15</i>						<i>50%</i>	
21	<i>015 013</i>	<i>18-113</i>	<i>16</i>						<i>50%</i>	
22	<i>016 014</i>	<i>19-114</i>	<i>17</i>						<i>50%</i>	
23	<i>017 015</i>	<i>20-115</i>	<i>18</i>						<i>50%</i>	
24	<i>018 016</i>	<i>21-116</i>	<i>19</i>		<i>1</i>				<i>50%</i>	
25	<i>019 017</i>	<i>22-117</i>	<i>20</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-x1100's</i>	TYPE GEOPHONE <i>ETL022B</i>	FREQUENCY <i>7.5 Hz</i>	STATION INTERVAL <i>330'</i>
REMARKS <i>8 ms sample rate / 48 sec Record Length</i>			OBSERVER <i>James M. Rickey</i>	PARTY MGR. <i>L.O. Davis</i>	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

Exploration Services 2
Division
Geosource Inc.

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CAIF</i>	COUNTY <i>INYO</i>	DATE <i>3-6-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#12</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	020	23-118	21	5	<i>MISSED Sweep</i>	388	OUT	IN	50%	
2	021	24-119	22		1				50%	
3	022	25-120	23						50%	
4	023	26-121	24						50%	
5	024	27-122	25		1	388			50%	<i>F.O.#388, TAPE MKTS</i>
6	025	28-123	26		<i>WIND strip</i>	389			72Db	<i>B.O.#389, 900 10sec ALL ONES.</i>
7	026	28-123	26						50%	
8	027	29-124	27						50%	
9	028	30-125	28		1				50%	
10	029	31-126	29						50%	
11	030	32-127	30		1				50%	
12	031	33-128	31						50%	
13	032	34-129	32						50%	
14	033	35-130	33		1				50%	
15	034	36-131	34						50%	
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.

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CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>3-7-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Clear</i>	LINE NO. # <i>12</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>missed sweep</i>	<i>389</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 108-109</i>
2	<i>934</i>	<i>EINT</i>								
3	<i>935</i>	<i>D.R.D</i>								<i>5 Vibs 100' SPACING 4.25' MOVE UP, 1st VIB +56'</i>
4	<i>936</i>	<i>SUM test</i>								<i>Past Flag. 8 sweep</i>
5	<i>937</i>	<i>N.R.S.</i>								
6	<i>932</i>	<i>similarity</i>	<i>236</i>	<i>5</i>		<i>389</i>			<i>50%</i>	<i>E.O.T #389, TAPE MKTS</i>
7	<i>035</i>	<i>WINDstrip</i>	<i>1</i>			<i>390</i>			<i>72db</i>	<i>B.O.T #390, 900 10sec HILONES.</i>
8	<i>036</i>	<i>032</i>	<i>1</i>	<i>5</i>					<i>50%</i>	
9	<i>037</i>	<i>33</i>	<i>2</i>						<i>50%</i>	
10	<i>038</i>	<i>34</i>	<i>3</i>						<i>50%</i>	
11	<i>039</i>	<i>35</i>	<i>4</i>						<i>50%</i>	
12	<i>040</i>	<i>36</i>	<i>5</i>						<i>50%</i>	
13	<i>041</i>	<i>37</i>	<i>6</i>						<i>50%</i>	
14	<i>042</i>	<i>38</i>	<i>7</i>						<i>50%</i>	
15	<i>043</i>	<i>39</i>	<i>8</i>						<i>50%</i>	
16	<i>044</i>	<i>40</i>	<i>9</i>						<i>50%</i>	
17	<i>045</i>	<i>41</i>	<i>10</i>						<i>50%</i>	
18	<i>046</i>	<i>42</i>	<i>11</i>						<i>50%</i>	
19	<i>047</i>	<i>43</i>	<i>12</i>						<i>50%</i>	
20	<i>048</i>	<i>44</i>	<i>13</i>			<i>390</i>			<i>50%</i>	<i>E.O.T #390, TAPE MKTS</i>
21	<i>049</i>	<i>45</i>	<i>14</i>	<i>windstrip</i>		<i>391</i>			<i>72db</i>	<i>B.O.T #391, 900 10sec HILONES.</i>
22	<i>050</i>	<i>45</i>	<i>14</i>						<i>50%</i>	
23	<i>051</i>	<i>46</i>	<i>15</i>						<i>50%</i>	
24	<i>052</i>	<i>47</i>	<i>16</i>						<i>50%</i>	
25	<i>053</i>	<i>48</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>EHDV22B</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>Z. 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>3-7-83</i>		
CREW NO. <i>6834</i>		TERRAIN <i>Dirt Road</i>			WEATHER <i>clear</i>				LINE NO. <i>#12</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	054	49	54-149	18	5	<i>missed sweep</i>	391	OUT	IN	50%		
2	055	50	55-150	19						50%		
3	056	51	56-151	20						50%		
4	057	52	57-152	21						50%		
5	058	53	58-153	22						50%		
6	059	54	59-154	23						50%		
7	060	55	60-155	24						50%		
8	061	56	61-156	25						50%		
9	062	57	62-157	26			391			50%	<i>E.O.T*391, TAPE MKTS</i>	
10	063	58	63-158	27	<i>windstrip</i>		392			72db	<i>B.O.T*392, 900 10sec ALL ONES.</i>	
11	064	58	63-158	27						50%		
12	065	59	64-159	28						50%		
13	066	60	65-160	29						50%		
14	067	61	66-161	30		1				50%		
15	068	62	67-162	31		1				50%		
16	069	63	68-163	32						50%		
17	070	64	69-164	33						50%		
18	071	65	70-165	34						50%		
19	072	66	71-166	35						50%		
20	073	67	72-167	36						50%		
21	074	68	73-168	37						50%		
22	075	69	74-169	38						50%		
23	076	70	75-170	39			392			50%	<i>E.O.T*392, TAPE MKTS</i>	
24	077	71	76-171	40	<i>windstrip</i>		393			72db	<i>B.O.T*393, 900 10sec ALL ONES.</i>	
25	078	71	76-171	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** 5
Geosource Inc.

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>3-7-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>	LINE NO. <i>#12</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	079	72	77-172	41	5	<i>missed sweep</i>	393	OUT	IN	50%	
2	080	73	78-173	42						50%	
3	081	74	79-174	43						50%	
4	082	75	80-175	44						50%	
5	083	76	81-176	45						50%	
6	084	77	82-177	46						50%	
7	085	78	83-178	47						50%	
8											
9											
10											
11											
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14											
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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. 6

CLIENT COCORP	AREA Death Valley	STATE CALIF	COUNTY INYO	DATE 3-8-85
CREW NO. 6834	TERRAIN Dirt Road	WEATHER clear		LINE NO. #12

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	933	PULSE			MISSING SWEEP	393	OUT	IN		Recorder set at 156-157
2	934	EINT								
3	935	D.R.D								5 Vibs 100' spacing, 4.25 MOVE UP 1st Vib +56"
4	936	SUM test								PAST FLAG. 8 SWEEP.
5	937	NRT test								
6	932	Similarity	236	5		393			50%	E.O.T #393, TAPE MKTS
7	086	WINDSTRIP	240			394			7200	NOTE: STA #84 is Dead Due to SET UP. B.O.T #394
8	087	79	240	4					50%	900 10sec ALL ONES. Vib #23651 DOWN, WORKING ON THE
9	088	80	1						50%	BACK MASS.
10	089	81	2						50%	
11	090	82	3		1				50%	
12	091	83	4						50%	
13	092	84	5						50%	
14	093	85	6						50%	
15	094	86	7						50%	
16	095	87	8		1				50%	
17	096	88	9						50%	
18	097	89	10						50%	
19	098	90	11		1				50%	
20	099	91	12			394			50%	E.O.T #394, TAPE MKTS
21	100	92	13			395			7200	B.O.T #395, 900 10sec ALL ONES.
22	101	92	13						50%	
23	102	93	14						50%	
24	103	94	15						50%	
25	104	95	16						50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 > 32Hz / 32sec		SWEEP PATTERN see Remarks		SWEEPS PER PATTERN 8	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-V1100'S	TYPE GEOPHONE F+LDV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms Sample RATE / 48sec Record Length			OBSERVER B. PATTON, M. Richey	PARTY MGR. Z. DAVIS	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc. 7

CLIENT <i>COCORP</i>			AREA <i>Death Valley</i>			STATE <i>CAIF</i>		COUNTY <i>INYO</i>		DATE <i>3-8-83</i>	
CREW NO. <i>6834</i>			TERRAIN <i>Dirt Road</i>			WEATHER <i>clear</i>			LINE NO. <i>12</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	105	96	101-196	17	4	<i>MISSING SWEEP</i> 395	OUT	IN	50%		
2	106	97	102-197	18					50%		
3	107	98	103-198	19					50%		
4	108	99	104-199	20					50%		
5	109	100	105-200	21					50%		
6	110	101	106-201	22					50%		
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	LINE DIR. 1 TO 24
REMARKS						OBSERVER			PARTY MGR.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 8

CLIENT COCORP	AREA Death Valley	STATE CA/1P	COUNTY INYO	DATE 3-9-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear	LINE NO. #12	

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			Mixed Sweep	395	OUT	IN		Recorder set at 156-157
2	934	FINF								
3	935	D.R.D								5 Vibs 100' spacing 41.25 MOVE UP 1st Vib +56'
4	936	sum test								Past Flag - 8 sweep
5	937	N.R.J test								
6	932	SIMILARITY	236	4		395				50% E.O.T #395, TAPE MKTS
7	111	WINDSTRIP	23			936				72Db B.O.T #396, 900 10sec ALL ONES.
8	112	102	23	4		396				50% Vib #23651, DOWN, WORKING ON BACK MASS.
9	113	103	24							50%
10	114	104	25							50%
11	115	105	26							50%
12	116	106	27							50%
13	117	107	28							50%
14	118	108	29							50%
15	119	109	30							50%
16	120	110	31							50%
17	121	111	32							50%
18	122	112	33							50%
19	123	113	34			396				50% E.O.T #396, TAPE MKTS
20	124	114	35		windstrip	397				72Db B.O.T #397, 900 10sec ALL ONES.
21	125	114	35							50%
22	126	115	36							50% NOTE: cable crossing HI-WAY STA #214-215.
23	127	116	37							50%
24	128	117	38							50%
25	129	118	39							50%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8.32 Hz / 32sec		SWEEP PATTERN sec Remarks		SWEEPS PER PATTERN 8	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-1100's	TYPE GEOPHONE E+LDV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8ms Sample Rate / 48sec Record Length			OBSERVER R. PATTON	PARTY MGR. M. RICHIE	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc. 9

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CAIF</i>	COUNTY <i>INYO</i>	DATE <i>3-9-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. # <i>12</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	130	124-219	40	4	<i>MISSE</i>	397	OUT	IN	50%	
2	131	125-220	41						50%	
3	132	126-221	42						50%	
4	133	127-222	43						50%	
5	134	128-223	44						50%	
6	135	129-224	45						50%	
7	136	130-225	46						50%	
8	137	131-226	47			397			50%	<i>E.O.+397, TAPE MKTS</i>
9	138	132-227	2	<i>windstrip</i>		398			72Db	<i>B.O.+398, 900 10sec ALONES. Recorder moved UP AT 202-203.</i>
10	139	132-227	2	5					50%	<i>Vib #23651, BACK ON LINE, HAVE took A SIMILARITY WITH truck #23651.</i>
11	140	133-228	3		1				50%	
12	141	134-229	4						50%	
13	142	135-230	5		1				50%	
14	143	136-231	6						50%	
15	144	137-232	7						50%	
16	145	138-233	8						50%	
17	146	139-234	9						50%	
18	147	140-235	10						50%	
19	148	141-236	11						50%	
20	149	142-237	12		1				50%	
21	150	143-238	13						50%	
22	151	144-239	14			398			50%	<i>E.O.+398, TAPE MKTS</i>
23	152	145-240	15	<i>windstrip</i>		399			72Db	<i>B.O.+399, 900 10sec ALL ONES.</i>
24	153	145-240	15						50%	
25	154	146-241	16						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. 10

CLIENT <i>COCORP</i>			AREA <i>Death Valley</i>			STATE <i>CALIF</i>		COUNTY <i>INYO</i>		DATE <i>3-9-83</i>	
CREW NO. <i>6834</i>		TERRAIN <i>Dirt Road</i>			WEATHER <i>clear</i>				LINE NO. <i>#12</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	155	142	147-242	17	5	<i>Missed Sweep</i> 399	<i>OUT</i>	<i>IN</i>	50%		
2	156	143	148-243	18					50%		
3	157	144	149-244	19					50%		
4	158	145	150-246	20					50%		
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
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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	LINE DIR. 1 TO 24
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>3-10-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>	LINE NO. # <i>12</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>399</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder SET AT 202-203.</i>
2	<i>EINT</i>	<i>2-11"</i>								<i>Line Crossing Highway AT 214-215.</i>
3	<i>D.R.D</i>	<i>4-11"</i>								<i>5 Vibs 100' spacing 4/25 move UP, 1st Vib +56' PAST</i>
4	<i>Sumtest</i>	<i>2-11"</i>								<i>Flag. Alais 31.25</i>
5	<i>N.R.S</i>	<i>2-11"</i>								<i>4 Vibs 100' spacing 4/25 move UP, 1st Vib +6" PAST</i>
6	<i>SIMILARITY</i>	<i>1-32sec</i>	<i>236</i>	<i>4</i>					<i>50%</i>	<i>Flag. Vib #23651 DOWN, INSTRUMENT PROBLEMS.</i>
7	<i>WINDSTRIP</i>	<i>1-48sec</i>	<i>21</i>						<i>72db</i>	
8	<i>146</i>	<i>151-246</i>	<i>21</i>	<i>4</i>	<i>1</i>				<i>50%</i>	<i>Line Running PARALLEL TO Highway picking up noise</i>
9	<i>147</i>	<i>152-247</i>	<i>22</i>						<i>50%</i>	<i>From TRAFFIC.</i>
10	<i>148</i>	<i>153-248</i>	<i>23</i>						<i>50%</i>	
11	<i>149</i>	<i>154-249</i>	<i>24</i>			<i>399</i>			<i>50%</i>	<i>EOT #399 Tape MKTS</i>
12	<i>150</i>	<i>155-250</i>	<i>25</i>	<i>wind strip</i>		<i>400</i>			<i>72db</i>	<i>BOT #400 #900 10 sec ALL ONES.</i>
13	<i>150</i>	<i>155-250</i>	<i>25</i>						<i>50%</i>	
14	<i>151</i>	<i>156-251</i>	<i>26</i>		<i>1</i>				<i>50%</i>	
15	<i>152</i>	<i>157-252</i>	<i>27</i>						<i>50%</i>	
16	<i>SKIP</i>	<i>153</i>	<i>158-253</i>	<i>28</i>					<i>SKIP</i>	<i>Due TO Rough TERRAIN.</i>
17	<i>SKIP</i>	<i>154</i>	<i>159-254</i>	<i>29</i>					<i>SKIP</i>	<i>" " " "</i>
18	<i>155</i>	<i>160-255</i>	<i>30</i>						<i>50%</i>	<i>got Light Blast on sweep #2 File #168</i>
19	<i>156</i>	<i>161-256</i>	<i>31</i>						<i>50%</i>	
20	<i>157</i>	<i>162-257</i>	<i>32</i>						<i>50%</i>	
21	<i>158</i>	<i>163-258</i>	<i>33</i>						<i>50%</i>	
22	<i>159</i>	<i>164-259</i>	<i>34</i>						<i>50%</i>	
23	<i>160</i>	<i>165-260</i>	<i>35</i>						<i>50%</i>	
24	<i>161</i>	<i>166-261</i>	<i>36</i>						<i>50%</i>	
25	<i>162</i>	<i>167-262</i>	<i>37</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>ETFLD122B</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. 12

CLIENT COCORP	AREA Death Valley	STATE CALIFORNIA	COUNTY INYO	DATE 3-10-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear		LINE NO. 12

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	176	163	168-263	38	4	1	400	OUT	IN	50%	
2	177	164	169-264	39			400			50%	EOT # 400 Tape MKTs.
3	178	165	170-265	40	wind	strip	401			72db	BOT # 401 #900 10sec All ones.
4	179	165	170-265	40						50%	
5	180	166	171-266	41		1				50%	
6	181	167	172-267	42						50%	
7	182	168	173-268	43						50%	
8	183	169	174-269	44		1				50%	
9	184	170	175-270	45						50%	
10	185	171	176-271	46						50%	
11	186	172	177-272	47						50%	
12	187	173	178-273	48						50%	
13	188	174	179-274	49						50%	
14	189	175	180-275	30		1				50%	Moved Recorder TO 222-223
15	190	176	181-276	31						50%	
16	191	177	182-277	32		1	401			50%	EOT # 401 Tape MKTs
17	192	178	183-278	33	wind	strip	402			72db	BOT # 402 #900 10sec All ones.
18	193	178	183-278	33						50%	
19	194	179	184-279	34						50%	
20	195	180	185-280	35						50%	
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.**

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CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>3-11-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Clear</i>	LINE NO. <i>#12</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	933	PULSE			<i>missed sweep</i>	402	OUT	IN		Recorder set at 257-258.
2	934 935	EINT								LINE CROSSING HI-WAY AT STA 214-215.
3	936 935	D.R.D								5 Vibs 100' spacings 41-25 move UP, 1st Vib +56' past
4	937 934	SUMTEST								Flag. 8 sweep, Alias 31.25
5	938 931	N.R.J								
6	932	SIMILARITY	236	4					50%	Vib #23651 Down, INSTRUMENT PROBLEMS
7	196	WINDSTRIP	1						72Db	
8	197	181	186-281	1	4				50%	
9	198	182	187-282	2					50%	
10	199	183	188-283	3					50%	
11	200	184	189-284	4					50%	
12	201	185	190-285	5					50%	
13	202	186	191-286	6		402			50%	F.O.T #402, TAPE MKTS
14	203	187	192-287	7	WINDSTRIP	403			72Db	B.O.T #403, 900 10sec MILLONES
15	204	187	192-287	7					50%	NOTE: BLAST ON SWEEP #2, File #204
16	205	188	193-288	8					50%	
17	206	189	194-289	9					50%	
18	207	190	195-290	10					50%	
19	208	191	196-291	11					50%	
20	209	192	197-292	12					50%	
21	210	193	198-293	13					50%	
22	211	194	199-294	14					50%	
23	212	195	200-295	15					50%	
24	213	196	201-296	16					50%	
25	214	197	202-297	17					50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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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>
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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>7.5 Hz</i>	STATION INTERVAL <i>330'</i>	LINE DIR. 1 TO 24 <i>W 7 E</i>
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REMARKS <i>8ms Sample Rate / 48sec Record Length</i>	OBSERVER <i>H. PATTON, M. Richter</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>3-11-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#12</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	215	198	203-298	18	4	403 403	OUT	IN	50%	
2	216	199	204-299	19		403			50%	E.O.T*403, TAPE MKTS
3	217	200	205-300	20	WINDSTRIP	404			72Db	B.O.T*404, 900 10sec ALLONES.
4	218	200	205-300	20					50%	
5	219	201	206-301	21					50%	
6	220	202	207-302	22					50%	
7	221	203	208-303	23					50%	
8	222	204	209-304	24					50%	NOTE: Blast on sweep #7, File #222.
9	223	205	210-305	25					50%	
10	224	206	211-306	26					50%	
11	225	207	212-307	27					50%	
12	226	208	213-308	28					50%	
13	227	209	214-309	29					50%	
14	228	210	215-310	30					50%	
15	229	211	216-311	31					50%	
16	230	212	217-312	32		404			50%	E.O.T*404, TAPE MKTS
17	231	213	218-313	33	WINDSTRIP	405			72Db	B.O.T*405, 900 10sec ALLONES.
18	232	213	218-313	33					50%	
19	233	214	219-314	34					50%	
20	234	215	220-315	35					50%	
21	235	216	221-316	36					50%	
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 <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CALIF</i>	COUNTY <i>INYO</i>	DATE <i>3-12-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>	LINE NO. <i>#12</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>MISSILE Sweep</i>	<i>405</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 292-293</i>
2	<i>EINT</i>	<i>2-'' ''</i>								
3	<i>DRD</i>	<i>4-'' ''</i>								<i>5 Vibs 100' spacing 41.25 MOVE UP, 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>								
6	<i>similarity</i>	<i>1-32sec</i>	<i>236</i>	<i>4</i>					<i>50%</i>	<i>Vib #23657 DOWN, instrument Problems.</i>
7	<i>windstrip</i>	<i>1-48sec</i>	<i>2</i>						<i>72Db</i>	
8	<i>217</i>	<i>222-317</i>	<i>2</i>	<i>4</i>					<i>50%</i>	
9	<i>218</i>	<i>223-318</i>	<i>3</i>						<i>50%</i>	
10	<i>219</i>	<i>224-319</i>	<i>4</i>						<i>50%</i>	
11	<i>220</i>	<i>225-320</i>	<i>5</i>						<i>50%</i>	
12	<i>221</i>	<i>226-321</i>	<i>6</i>						<i>50%</i>	
13	<i>222</i>	<i>227-322</i>	<i>7</i>			<i>405</i>			<i>50%</i>	<i>E.D.T #405, TAPE MKTS</i>
14	<i>223</i>	<i>228-323</i>	<i>8</i>	<i>windstrip</i>		<i>406</i>			<i>72Db</i>	<i>R.D.T #406, 700/0sec ALLOWES.</i>
15	<i>223</i>	<i>228-323</i>	<i>8</i>						<i>50%</i>	
16	<i>224</i>	<i>229-324</i>	<i>9</i>						<i>50%</i>	
17	<i>225</i>	<i>230-325</i>	<i>10</i>						<i>50%</i>	
18	<i>226</i>	<i>231-326</i>	<i>11</i>						<i>50%</i>	
19	<i>227</i>	<i>232-327</i>	<i>12</i>						<i>50%</i>	
20	<i>228</i>	<i>233-328</i>	<i>13</i>						<i>50%</i>	
21	<i>229</i>	<i>234-329</i>	<i>14</i>						<i>50%</i>	
22	<i>230</i>	<i>235-330</i>	<i>15</i>						<i>50%</i>	
23	<i>231</i>	<i>236-331</i>	<i>16</i>						<i>50%</i>	
24	<i>232</i>	<i>237-332</i>	<i>17</i>						<i>50%</i>	
25	<i>233</i>	<i>238-333</i>	<i>18</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>S-Y1100's</i>	TYPE GEOPHONE <i>ETLDV22B</i>	FREQUENCY <i>7.5 Hz</i>	STATION INTERVAL <i>3.30'</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.

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CLIENT		AREA		STATE		COUNTY		DATE		
COCORP		Death Valley		CALIF		INYO		3-12-83		
CREW NO.		TERRAIN		WEATHER		LINE NO.				
6834		Dirt Road		Clear		#12				
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	255	234	239-334	19	4	406	OUT	IN	50%	
2	256	235	240-335	20		406			50%	E.D.T #406, TAPE MKTS
3	257	236	241-336	21	wind strip	407			72db	B.O.T #407, 900 10 sec All ones.
4	258	236	241-336	21					50%	
5	259	237	242-337	22					50%	
6	260	238	243-338	23					50%	
7	261	239	244-339	24					50%	
8	262	240	245-340	25					50%	
9	263	241	246-341	26					50%	
10	264	242	247-342	27					50%	
11	265	243	248-343	28					50%	Wind picking up, wind steady 15 mph.
12	266	244	249-344	29	1				50%	
13	267	245	250-345	30					50%	
14	268	246	251-346	31					50%	
15	269	247	252-347	32					50%	
16	270	248	253-348	33		407			50%	EOT #407 Tape MKTS.
17	271	249	254-349	34	wind strip	408			72db	Bot #408 *900 10 sec All ones.
18	272	249	254-349	34					50%	
19	273	250	255-350	35	1				50%	
20	274	251	256-351	36					50%	
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										LINE DIR. 1 TO 24
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>3-13-85</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Clear</i>		LINE NO. <i>12</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>408</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 324-325</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 move up. 1st Vib 56' Past</i>
4	<i>sum test</i>	<i>2-11"</i>								<i>Flag. 8sweep, Alias 31.25</i>
5	<i>N.R.J</i>	<i>2-11"</i>								
6	<i>SIMILARITY</i>	<i>1-32sec</i>	<i>236</i>	<i>4</i>					<i>50%</i>	<i>Vib #23651 Down, Needs A t/o card.</i>
7	<i>WINDSTRIP</i>	<i>1-48sec</i>	<i>5</i>						<i>72Db</i>	
8	<i>252</i>	<i>257-352</i>	<i>5</i>	<i>4</i>					<i>50%</i>	
9	<i>253</i>	<i>258-353</i>	<i>6</i>						<i>50%</i>	
10	<i>254</i>	<i>259-354</i>	<i>7</i>						<i>50%</i>	
11	<i>255</i>	<i>260-355</i>	<i>8</i>						<i>50%</i>	
12	<i>256</i>	<i>261-356</i>	<i>9</i>						<i>50%</i>	
13	<i>257</i>	<i>262-357</i>	<i>10</i>						<i>50%</i>	
14	<i>258</i>	<i>263-358</i>	<i>11</i>			<i>408</i>			<i>50%</i>	<i>E.O.T #408, TAPE MKTS</i>
15	<i>259</i>	<i>264-359</i>	<i>12</i>		<i>windstrip</i>	<i>409</i>			<i>72Db</i>	<i>B.O.T #409, 900 10sec #11 ONES.</i>
16	<i>259</i>	<i>264-359</i>	<i>12</i>						<i>50%</i>	
17	<i>260</i>	<i>265-360</i>	<i>13</i>						<i>50%</i>	
18	<i>261</i>	<i>266-361</i>	<i>14</i>						<i>50%</i>	
19	<i>262</i>	<i>267-362</i>	<i>15</i>						<i>50%</i>	
20	<i>263</i>	<i>268-363</i>	<i>16</i>						<i>50%</i>	
21	<i>264</i>	<i>269-364</i>	<i>17</i>						<i>50%</i>	
22	<i>265</i>	<i>270-365</i>	<i>18</i>						<i>50%</i>	
23	<i>266</i>	<i>271-366</i>	<i>19</i>						<i>50%</i>	
24	<i>267</i>	<i>272-367</i>	<i>20</i>						<i>50%</i>	
25	<i>268</i>	<i>273-368</i>	<i>21</i>						<i>50%</i>	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8.33Hz/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>ETLDY22B</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>3-13-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>	LINE NO. <i>#12</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	294	274-369	22	4	<i>MISSING 60-sec</i>	409	OUT	IN	50%	
2	295	275-370	23						50%	
3	296	276-371	24			409			50%	<i>E.O.T #409, TAPE MKTS</i>
4	297	277-372	25		<i>windstrip</i>	410			72%	<i>B.O.T #410, 900 10sec ALL ONES.</i>
5	298	277-372	25						50%	
6	299	278-373	26						50%	
7	300	279-374	27						50%	
8	301	280-375	28						50%	
9	302	281-376	29						50%	
10	303	282-377	30						50%	
11	304	283-378	31						50%	
12	305	284-379	32						50%	
13	306	285-380	33						50%	
14	307	286-381	34						50%	
15	308	287-382	35						50%	<i>E.O.T #410, TAPE MKTS</i>
16	309	288-383	36	5		410			50%	<i>NOTE: Vib #23651 BACK ON LINE, HAVE TOOK A SIMILARITY.</i>
17	310	289-384	37		<i>windstrip</i>	411			72%	<i>B.O.T #411, 900 10sec ALL ONES.</i>
18	311	289-384	37						50%	
19	312	290-385	38						50%	
20	313	291-386	39						50%	
21	314	292-387	40						50%	
22	315	293-388	41						50%	<i>NOTE: STA389 OPEN, Due to Road.</i>
23	316	294-389	42						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**

CLIENT <i>COCORP</i>		AREA <i>Death Valley</i>			STATE <i>CALIF</i>		COUNTY <i>INYO</i>		DATE <i>3-14-83</i>			
CREW NO. <i>6834</i>		TERRAIN <i>Dirt Road</i>			WEATHER <i>clear-windy</i>				LINE NO. <i>#12</i>			
REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	missed Sweep	TAPE RL.NO.	F I L T E R			RE MARKS		
							LOCUT	60 ~	AMP			
1	337	312 - 407	18		windstrip	413	Out	IN	72db	B.O.T #413, 900 10sec ALLOWES		
2	338	312 - 407	18	5					50%			
3	339	313 - 408	19						50%			
4	340	314 - 409	20						50%			
5	341	315 - 410	21						50%			
6	342	316 - 411	22						50%			
7	343	317 - 412	23						50%			
8	344	318 - 413	24	4					50%	Vib #17311 Down, BACK motor Problems.		
9	345	319 - 414	25						50%			
10	346	320 - 415	26						50%			
11	347	321 - 416	27						50%			
12	348	322 - 417	28						50%			
13	349	323 - 418	29						50%			
14	350	324 - 419	30			413			50%	F.O.T #413, TAPE MKTS		
15	351	325 - 420	31		windstrip	414			72db	B.O.T #414, 900 10sec ALLOWES.		
16	352	325 - 420	31						50%			
17	SKIP	326 - 421	32						SKIP	Due to Rough TERRAIN.		
18	SKIP	327 - 422	33						SKIP	" " " "		
19	353	328 - 423	34						50%	stacked LAST HALF.		
20	354	329 - 424	35						50%			
21	355	330 - 425	36						50%	NOTE: county men working at front of line, NOISY		
22	356	331 - 426	37						50%			
23	357	332 - 427	38						50%	WINDS ARE Blowing AT 10-16 M.P.H.		
24	358	333 - 428	39						50%	NOTE: Power line OVER LINE?		
25	359	334 - 429	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. 21

CLIENT <i>COCORP</i>	AREA <i>Death Valley</i>	STATE <i>CAIF</i>	COUNTY <i>INYO</i>	DATE <i>3-14-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Clear - WINDY</i>		LINE NO. <i>#12</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	360	335-430	41	4	315	414	OUT	IN	50%	
2	361	336-431	42						50%	NOTE: WINDS ARE BLOWING AT 15-20 M.P.H.
3	362	337-432	43						50%	
4	363	338-433	44			414			50%	E.O.T #414, TAPE MKT
5	364	339-434	45	windstrip		415			72%	B.O.T #415, 900 10sec 711 OKES.
6	365	339-434	45						50%	
7	366	340-435	46						50%	
8	367	341-436	47						50%	
9	368	342-437	48						50%	
10	369	343-438	49			415			50%	E.O.T #415, TAPE MKTS, F.O.L. #12
11										
12										
13										
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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.	