

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

PAGE 1 of 5

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA UTAH	STATE UTAH	COUNTY Millard	DATE 12-4-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear + Wet	LINE NO. # 6	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60~	AMP	
1	933 PULSE	1-6sec			missed sweep	236	Cut	IN		Recorder SET # 152-153
2	934 EINT	2- " "								
3	935 D.R.D	4- " "								5 Vib 100' SPACING 41.25 MOVE UP
4	936 SUMtest	2- " "								1st Vib +56' PAST FLAG. 8 SWEEP. Alias 31.25
5	937 N.R.J.test	2- " "								5.5 sec Record Length. 40 sec SWEEP.
6	932 SIMILARITY	1-40 sec	1	5						50%
7	001 WINDSTRIP	1-55 sec	24							66db
8	002 100	104-199	24	5						70%
9	003 101	105-200	25							70%
10	004 102	106-201	26							70%
11	005 103	107-202	27							70%
12	006 104	108-203	28							70%
13	007 105	109-204	29							70%
14	008 106	110-205	30			236				70% EOT # 236 TAPE MKTS.
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 8-32Hz / 40sec	SWEEP PATTERN see Record	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+EDV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms Sample RATE / 5.5 sec Record Length	OBSERVER R. PATTON, M. Richey	PARTY MGR. L. DAVIS	LINE DIR. 1 TO 24 S-N		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services 2
Division
Geosource Inc.**

CLIENT COCORP	AREA UTAh	STATE UTAh	COUNTY Millard	DATE 12-5-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear + wet	LINE NO. 6	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	80~	AMP	
1	933	Pulse	1	-6 sec			missed sweeps	237	OUT IN	ROT # 237 #900 10 sec All ones.
2	934/935	EINT	2	- " "						Recorder set AT 172-173
3	936/939	DRD	4	- " "						
4	953/954	Sum TEST	2	- " "						5 Vib, 100' spacing 41.25' move up 1st vib starts + 56' past flag. 8 sweeps. Alais 31.25. 40 sec
5	960/961	NRT TEST	2	- " "						Sweep length. 55 sec. Record.
6		Similarity	1	- 40 sec	1					
7	009	wind strip	1	- 55 sec						
8	010	107	111	- 206	11					70%
9	011	108	112	- 207	12					70%
10	012	109	113	- 208	13					70%
11	013	110	114	- 209	14					70%
12	014	111	115	- 210	15					70%
13	015	112	116	- 211	16					70%
14	016	113	117	- 212	17					70%
15	017	114	118	- 213	18					70%
16	018	115	119	- 214	19					70%
17	019	116	120	- 215	20			237		70% E.O.T. # 237, TAPE MKTS
18	020	117	121	- 216	21	wind strip		238		66Db B.O.T. # 238, 900 10sec. All ones.
19	021	117	121	- 216	21					70%
20	022	118	122	- 217	22					70%
21	023	119	123	- 218	23					70%
22	024	120	124	- 219	24					70%
23	025	121	125	- 220	25					70%
24	026	122	126	- 221	26					70%
25	027	123	127	- 222	27					70%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32 Hz / 40 sec		SWEEP PATTERN See Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN X
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y 1100's	TYPE GEOPHONE ETLEU22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8 ms Sample Rate / 55 sec Record Length			OBSERVER R. Patton	PARTY MGR. M. Richey	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc. 3

CLIENT COCORP		AREA UTAH		STATE UTAH		COUNTY Millard		DATE 12-5-82		
CREW NO. 6834		TERRAIN Dirt Road		WEATHER clear		LINE NO. 6				
REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	80 ~	AMP	
1	028 124	128-223	28	5	missed	238	OUT	IN	70%	
2	029 125	129-224	29						70%	
3	030 126	130-225	30						70%	
4	031 127	131-226	31			238			70%	F.O.T.#238, TAPE MKTS.
5	032 128	132-227	32		missed strip	239			66%	R.O.T.#239, 900 10sec ALL ONES.
6	033 128	132-227	32						70%	
7	034 129	133-228	33						70%	
8	035 130	134-229	34						70%	
9	036 131	135-230	35						70%	
10	037 132	136-231	36						70%	
11	038 133	137-232	37						70%	
12	032 Similarity	1-40 sec.	1						50%	
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14										
15										
16										
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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
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4

CLIENT COCORP	AREA UTAH	STATE UTAH	COUNTY Millard	DATE 12-6-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy		LINE NO. # 6

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	PULSE	1-6sec			31.25	239	OUT	IN		Recorder SET AT 172-173
2	EINT	2- " "								
3	DRD	4- " "								5 Vibs 100' SPACING 41.25 MOVE UP. 1st Vib +56'
4	SUMTEST	2- " "								PAST FLAG. 8 SWEEP, ALIAS 31.25,
5	N.R.J test	2- " "								
6	SIMILARITY	1-40sec	1	5		239				50% E.O.T. #239, TAPE MKTS
7	WINDSTRIP	1-55sec	38			240				66% B.O.T. #240, 900 10sec ALL ONES.
8	134	138-233	38	5						70%
9	135	139-234	39							70%
10	136	140-235	40							70%
11	137	141-236	41							70%
12	138	142-237	42							70%
13	139	143-238	43							70%
14	140	144-239	44							70%
15	141	145-240	45							70%
16	142	146-241	46							70%
17	143	147-242	47							70%
18	144	148-243	48			240				70% E.O.T. #240 TAPE MKTS
19	145	149-244	5		WINDSTRIP	241				66% B.O.T. #241, 900 10sec ALL ONES, Recorder moved UP AT
20	145	149-244	5							70% STA # 216-217.
21	146	150-245	6							70%
22	147	151-246	7							70%
23	148	152-247	8							70%
24	149	153-248	9							70%
25	150	154-249	10							70%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8232Hz / 40sec		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-Y1100'S	TYPE GEOPHONE ETEDV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms SAMPLE RATE / 55sec Record Length.			OBSERVER R. Patton, M. Richey	PARTY MGR. L. DAVIS	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
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Geosource Inc.

5

CLIENT <i>COCORP</i>	AREA <i>UTAH</i>	STATE <i>UTAH</i>	COUNTY <i>Millard</i>	DATE <i>12-6-82</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Cloudy</i>		LINE NO. # <i>6</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS	
							LOCUT	80 ~	AMP		
1	058	151	155-250	11	5	<i>MISTED SWEEP</i>	241	OUT	IN	70%	
2	059	152	156-251	12						70%	
3	060	153	157-252	13						70%	<i>CROSS COUNTRY, VIBS</i>
4	061	154	158-253	14						70%	
5	062	155	159-254	15	1		241			70%	<i>E.O.T. #241, TAPE MKTS</i>
6	063	156	160-255	16	<i>WIND STRIP</i>		242			66%	<i>B.O.T. #242, 900 10sec ALLOWES.</i>
7	064	156	160-255	16						70%	
8	065	157	161-256	17						70%	
9	066	158	162-257	18						70%	
10	067	159	163-258	19						70%	
11	068	160	164-259	20						70%	
12	069	161	165-260	21						70%	
13	070	162	166-261	22						70%	
14	071	163	167-262	23						70%	
15	072	164	168-263	24						70%	
16	073	165	169-264	25						70%	
17	074	166	170-265	26			242			70%	<i>E.O.T. #242, TAPE MKTS.</i>
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.	