

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

2

CLIENT COCORP	AREA Southern CALIF	STATE CALIF	COUNTY Los Angeles	DATE 3-25-82
CREW NO. 6834	TERRAIN Dirt shoulder	WEATHER cloudy		LINE NO. #4

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	017	18	23-118	18	5	^{MISSING} 765	OUT	IN	50%	STACKED LAST HALF
2	018	19	24-119	19					50%	
3	019	20	25-120	20					50%	
4	020	21	26-121	21					50%	
5	021	22	27-122	22					50%	
6	022	23	28-123	23					50%	
7	023	24	29-124	24	1				50%	
8	024	25	30-125	25					50%	
9	025	26	31-126	26					50%	
10	026	27	32-127	27					50%	
11	027	28	33-128	28					50%	
12	028	29	34-129	29					50%	
13	029	30	35-130	30					50%	
14	030	31	36-131	31					50%	
15	031	32	37-132	32					50%	
16	032	33	38-133	33					50%	
17	033	34	39-134	34		765			50%	E.O.T #765, TAPE MARKS
18	034	35	40-135	35	wound strip	766			60%	B.O.T #766, 900 10sec All ones
19	035	35	40-135	35					50%	
20	036	36	41-136	36					50%	
21	037	37	42-137	37					50%	PICKING UP NOSIF FROM POWER
22	038	38	43-138	38					50%	LINEs From STA# 88-113.
23	039	39	44-139	39					50%	
24	040	40	45-140	40					50%	
25	041	41	46-141	41					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.

3

CLIENT COCORP	AREA southern CALIF	STATE CALIF	COUNTY Los Angeles	DATE 3-25-82
CREW NO. 6834	TERRAIN Dirt shoulder	WEATHER cloudy	LINE NO. # 4	

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	042	42	47-142	42	5	MISSED 3 sweeps 766	OUT	1X	50%	light RAIN begin to FALL at BACK ON
2	043	43	48-143	43					50%	LINE STACKED 1st HALF
3	SKIP	44	49-144	44					SKIP	Due to WATER WELL.
4	SKIP	45	50-145	45					SKIP	" " " "
5	044	46	51-146	46					50%	
6	045	47	52-147	47					50%	
7	046	48	53-148	48					50%	
8	047	49	54-149	49					50%	
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TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE			TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.
SWEEP FREQUENCY			SWEEP PATTERN		SWEEPS PER PATTERN		SWEEP PATTERNS PER SETUP		PATCH PATTERN		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL	LINE DIR. 1 TO 24
REMARKS							OBSERVER			PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

4

CLIENT COCORP	AREA SO. CALIF	STATE CALIF	COUNTY Los Angeles	DATE 3-26-82
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER partly cloud - VERY WINDY		LINE NO. #4

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1	933 Pulse	1-6sec				766	OUT	IN		Record SET AT 126-127
2	934 FINT	2-11 "								
3	935 D.R.D	4-11 "								
4	936 SUM test	2-11 "								
5	937 N.R.S test	2-11 "								
6	932 SIMILARITY	1-16sec	217	5		766			30%	E.O.T #766, TAPE MKTS
7	048 WINDSTRIP	1-36sec	1			767			60db	B.O.T #767, 900 10sec ALL ONES.
8	049 50	55-150	1	5					50%	
9	050 51	56-151	2						50%	
10	051 52	57-152	3						50%	
11	52 53	58-153	4						50%	
12	53 54	59-154	5						50%	
13	54 55	60-155	6						50%	
14	55 56	61-156	7						50%	
15	56 57	62-157	8						50%	
16	57 58	63-158	9						50%	
17	58 59	64-159	10						50%	WINDS ARE PICKING UP.
18	59 60	65-160	11						50%	
19	60 61	66-161	12						50%	
20	61 62	67-162	13						50%	
21	62 63	68-163	14						50%	
22	63 64	69-164	15						50%	
23	64 65	70-165	16						50%	
24	65 66	71-166	17			767			50%	E.O.T #767, TAPE MKTS
25	66 67	72-167	18			768			60db	B.O.T #768, 900 10sec ALL ONES.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32Hz/16sec		SWEEP PATTERN 4/63		SWEEPS PER PATTERN 8	
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 4-1100's 1-4900	
REMARKS 8ms SAMPLE RATE/36sec Record		TYPE GEOPHONE E TELVAR		FREQUENCY 7.5Hz	
OBSERVER R. PATTON / M. Riche		STATION INTERVAL 330'		PARTY MGR. L. Davis	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

5

CLIENT COCORP	AREA Southern CALIF	STATE CALIF	COUNTY Los Angeles	DATE 3-26-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER partly cloudy - Very Windy		LINE NO. #4

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	67	72-167	18	5	Missed Sweep	768	DLT	IN	50%	
2	68	73-168	19						50%	
3	69	74-169	20						50%	
4	70	75-170	21						50%	
5	71	76-171	22						50%	
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TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE			TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.	
SWEEP FREQUENCY			SWEEP PATTERN			SWEEPS PER PATTERN		SWEEP PATTERNS PER SETUP		PATCH PATTERN		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL		LINE DIR. 1 TO 24
REMARKS							OBSERVER			PARTY MGR.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

6

CLIENT COCORP	AREA Southern CALIF	STATE CALIF	COUNTY LOS-ANGELES	DATE 3-27-87
CREW NO. 6834	TERRAIN Dirt shoulder	WEATHER clear + windy		LINE NO. 4

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	MISSED SWEEP	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	933 Pulse	1-6sec				768	OUT	IN		Recorder SET AT 148-149
2	934 FIN+	2-1111								STA* 762 OPEN Due to HI-WAY.
3	936 939 D.R.D	4-1111								STA* 96, NOISE Due to POWER LINE.
4	954 954 SCUM test	2-1111								
5	966 966 N.R.J. test	2-1111								
6	932 SIMILARITY	1-16sec	217	5		768				30%
7	072 WINDSTRIP	1-36sec	6							66db
8	SKIP 72	77-172	6							SKIP STA* 72-76 - SKIP Due to shoulder
9	073 77	82-177	6	5						50% Farm equipment working 72-76
10	074 78	83-178	7							50%
11	075 79	84-179	8		1					50%
12	076 80	85-180	9		2					50%
13	077 81	86-181	10							50%
14	078 82	87-182	11							50%
15	079 83	88-183	12							50%
16	080 84	89-184	13							50%
17	081 85	90-185	14			768				50% E.O.T #768, TAPE MKTS
18	082 86	91-186	15		wind strip	769				60db B.O.T #769, 900 10sec All ones.
19	083 86	91-186	15							50%
20	084 87	92-187	16							50%
21	085 88	93-188	17							50%
22	086 89	94-189	18							50%
23	087 90	95-190	19							50%
24	088 91	96-191	20							50%
25	089 92	97-192	21							50%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 832 Hz / 36-Sweeps		SWEEP PATTERN 4/63	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN X
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-V1100's 1-V900	TYPE GEOPHONE E+EL22VIF	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms SAMPLE RATE / 36-sec Record		OBSERVER R. PATTON / M. Richey		PARTY MGR. L. DAVIS	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA SO. CALIF	STATE CALIF	COUNTY LOS-ANGELES	DATE 3-27-82
CREW NO. 6834	TERRAIN Dirt shoulder	WEATHER clear - WINDY		LINE NO. 24

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	090	93	98-193	22	5	Missed sweep 769	DIFF	IN	50%	
2	091	94	99-194	23					50%	
3	092	95	100-195	24					50%	
4	093	96	101-196	25					30%	
5	094	97	102-197	26					50%	
6	095	98	103-198	27					50%	
7	096	99	104-199	28					50%	
8	097	100	105-200	29					50%	
9	098	101	106-201	30					50%	
10	099	102	107-202	31		769			50%	E.O.T #769. TAPE MKTS
11										
12										
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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.**

8

CLIENT COCDRP	AREA SO. CALIF	STATE CALIF	COUNTY LOS ANGELES	DATE 3-28-82
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Partly Cloudy + very windy	LINE NO. #4	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	933 Pulse	1-6sec				770	OUT	IN		B.O.T #770, 900 10sec All ONES.
2	934 EINT	2-7" "								STA* 162 OPEN due TO HFWay
3	935 D.R.D	4-11" "								STA* 218 OPEN due TO Drive way
4	936 SUM test	2-11" "								Recorder SET AT 179-180
5	937 N.R.S test	2-11" "								
6	932 SIMILASITY	1-16sec	217	4					30E	Vib # 23652 Down. Pump out, want pressure up.
7	100 WIND strip	1-36sec	1						60db	
8	101 103	108-203	1	4	1				50E	wind picking up
9	102 104	109-204	2		1				50E	
10	103 105	110-205	3						50E	
11	104 106	111-206	4		1				50E	Shutting Down, TO NOISY, wind Gusting 30-35 mph.
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17										
18										
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20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32Hz / 16 sec	SWEEP PATTERN 4/163	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN X	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y 11003 1-Y 900	TYPE GEOPHONE ETLEU22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms Sample Rate / 36 sec Record			OBSERVER R. Patton	PARTY MGR. P. Davis	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

9

CLIENT COCORP	AREA Southern Calif	STATE Calif	COUNTY Los Angeles	DATE 3-30-82
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Clear + Windy + wet		LINE NO. 4

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			770	OUT	IN		Recorder SET AT 183-184
2	934/935	EINT	2 - " "							STA #162 open Due to Drive way
3	936/939	D.R.D.	4 - " "							
4	953/954	Sum TEST	2 - " "							
5	960/961	NRT TEST	2 - " "							
6	932	Similarity	1 - 16 sec	217	4				30%	Vib #23652 Down Pump out.
7	105	wind strip	1 - 36 sec	1					60db	
8	106	107	112 - 207	1	4	2			50%	
9	107	108	113 - 208	2					50%	
10	108	109	114 - 209	3					50%	
11	109	110	115 - 210	4					50%	
12	110	111	116 - 211	5					50%	stacked 1st half. Wind picking up.
13	111	112	117 - 212	6					50%	stacked last half.
14	112	113	118 - 213	7					50%	
15	113	114	119 - 214	8		770			50%	EOT # 770 Tape MKT
16	114	115	120 - 215	9	wind strip	771			60db	BOT # 771 #900 10 sec All ones
17	115	115	120 - 215	9					50%	
18	116	116	121 - 216	10					50%	
19	117	117	122 - 217	11					50%	Wind steadily picking up getting to noisy shutting down.
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21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32Hz / 16 sec	SWEEP PATTERN 4/63	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN X	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y 1100's 1-Y 900	TYPE GEOPHONE ETH EU22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8 ms Sample Rate / 36 sec Record Length	OBSERVER R. Patton	PARTY MGR. S. Davis	LINE DIR. 1 TO 24 W → E		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

10

CLIENT COCORP	AREA Southern California	STATE California	COUNTY Los Angeles	DATE 3-31-82
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Partly Cloudy + windy	LINE NO. 4	

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			771	OUT	IN		Recorder set AT 194-195.
2	934/935	FINT	2- " "							STA # 162 open Due to HI-way
3	936/939	DRD	4- " "							STA # 218 open Due to Drive way
4	953/954	Sum Test	2- " "							
5	960/961	NRJ TEST	2- " "							
6	932	Similarity	1-16 sec	217	4					302 Vib # 17311 Down Transmission Trouble.
7	118	wind strip	1-36 sec	1						60db
8	119	118	123-218	1	4					50%
9	120	119	124-219	2						50% STACKED 1st half.
10	SKIP	120	125-220	3						SKIP Due to house
11	121	121	126-221	4		1				50% STACKED last half
12	122	122	127-222	5						50%
13	SKIP	123	128-223	6						SKIP Due to water well
14	SKIP	124	129-224	7						SKIP Due to house
15	SKIP	125	130-225	8						SKIP Due to water well
16	123	126	131-226	9						50% STACKED last half
17	124	127	132-227	10						50%
18	SKIP	128	133-228	11						SKIP Due to house
19	SKIP	129	134-229	12						SKIP " " "
20	125	130	135-230	13						50% STACKED last half
21	126	131	136-231	14						50%
22	SKIP	132	137-232	15						SKIP Due to water well
23	127	133	138-233	16		2				50% STACKED last half
24	128	134	139-234	17						50% Wind picking up
25	129	135	140-235	18		771				50% EOT # 771 tape MKTS

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32 Hz / 16 sec	SWEEP PATTERN 4/163	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN X	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-γ 1100s 1-γ 900	TYPE GEOPHONE ETLEV 22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8ms Sample Rate / 36 sec Record Length	OBSERVER K. Patten	PARTY MGR. P. Davis	LINE DIR. 1 TO 24 W → E		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA Southern Calif	STATE Calif	COUNTY Los Angeles	DATE 3-31-82
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Partly Cloudy + windy		LINE NO. 4

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	SKIP	141-236	19	4	missed Sweeps		OUT	IN	SKIP	Due to water well
2	130	142-237	20		wind strip	772			60db	BOT * 772 * 900 10 sec All ones.
3	131	142-237	20						50%	Stacked last half. wind picking up.
4	132	143-238	21		1				30%	Stacked 1st half. 139-142 All skip due to houses.
5	133	150-245	28						50%	143+144 skip due to Bad shoulder conditions on
6	134	151-246	29						50%	Both sides of Road. U.P. *145 stacked last half.
7	135	152-247	30		1				30%	
8	136	153-248	31						50%	
9	137	154-249	32						30%	Wind steadily picking up, now gusting 30-35 MPH. getting to noisy to work. Shutting Down.
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TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY	SWEEP PATTERN	SWEEPS PER PATTERN	SWEEP PATTERNS PER SETUP	PATCH PATTERN	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

13

CLIENT COCORP	AREA SO. CALIF	STATE CALIF	COUNTY Los Angeles	DATE 4-5-82
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER Cloudy - Very Wind	LINE NO. 4	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	SKIP 168	173-268	20	5	Missed Sweep	772	OUT	IN	SKIP	WINDS ARE AT 15-17 MPH, E.O.T #772, TAPE MS
2	145 169	174-269	21		wind strip	773			60dB	B.O.T #773, 900 10sec All ones
3	146 169	174-269	21						50%	
4	147 170	175-270	22						50%	
5	148 171	176-271	23						30%	STACKED 1st HALF.
6	149 172	177-272	24						30%	
7	150 173	178-273	25						30%	STACKED 1st HALF.
8	SKIP 174	179-274	26						SKIP	Due to trailer
9	SKIP 175	180-275	27						SKIP	Due to House
10	SKIP 176	181-276	28						SKIP	" " "
11	151 177	182-277	29						30%	STACKED LAST HALF
12	152 178	183-278	30						30%	
13	153 179	184-279	31						30%	
14	154 180	185-280	32						30%	
15	155 181	186-281	33						30%	
16	SKIP 182	187-282	34						SKIP	Due to HOUSE
17	SKIP 183	188-283	35						SKIP	" " "
18	SKIP 184	189-284	36						SKIP	" " "
19	SKIP 185	190-285	37						SKIP	Due to WATER WELL
20	156 186	191-286	38						50%	STACKED LAST HALF, WINDS ARE 16-18 M.P.H.
21	157 187	192-287	39						50%	
22	SKIP 188	193-288	40						SKIP	
23	158 189	194-289	41						50%	
24	159 190	195-290	42						50%	
25	160 191	196-291	43						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 M. Richer	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

14

CLIENT COCORP	AREA SO. CALIF	STATE CALIF	COUNTY Los Angeles	DATE 4-5-82
CREW NO. 6834	TERRAIN Dirt shoulder	WEATHER cloudy - WINDY	LINE NO. 4	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	SKIP 192	197-292	44	5	1/15 3rd Sweep	773	OUT	IN	SKIP	Due to WATER WELL
2	161 193	198-293	45		1				50%	
3	162 194	199-294	46			773			50%	F.O. + #773, TAPE MKTS
4	163 195	200-295	27			774			60%	B.O. + #774, 900 10sec All ones
5	164 195	200-295	27						50%	
6	SKIP 196	201-296	28						SKIP	Due to WATER WELL
7	SKIP 197	202-297	29						SKIP	" " " "
8	SKIP 198	203-298	30						SKIP	" " " "
9	165 199	204-299	31						50%	WINDS ARE 16 to 18 M.P.H., TIME IS 1:30
10	166 200	205-300	32						50%	
11	167 201	206-301	33						50%	
12	168 202	207-302	34						50%	WINDS ARE PICKING TO 18-20 M.P.H., TIME IS
13	169 203	208-303	35						50%	2:15
14	170 204	209-304	36						50%	
15	171 205	210-304	36						50%	STARTING TO SHOOT THRU THE SPREAD.
16	172 206	211-304	36						50%	LAST STA WITH GEOPHONE IS 304
17	173 207	212-304	36						50%	WINDS ARE PICKING TO 20-25 MPH, TIME IS 3:00
18	SKIP 208	213-304	36						SKIP	
19	SKIP 209	214-304	36						SKIP	
20	174 210	215-304	36	4					50%	STACKED LAST HALF, Vib# 17311 Down TRAN-promble
21	175 211	216-304	36						50%	
22	SKIP 212	217-304	36						SKIP	Due to HOUSES ^{STRA} 212-218 ARE SKIPS
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 M. Richey		PARTY MGR.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

15

CLIENT COCORP	AREA SO. CALIF	STATE CALIF	COUNTY LOS. ANGELES	DATE 4-6-82
CREW NO. 6834	TERRAIN Dirt shoulder	WEATHER partly cloudy - Very Wind		LINE NO. 4

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	933 Pulse	1-6sec			missed Sweep	774	OUT	IN		Recorder set at 245-246
2	934 ENT	2-11 "								STA # 218, OPEN Due to DRIVE WAY.
3	935 D.R.D.	4-11 "								STA # 252-255-OPEN Due to Freeway.
4	936 SUM test	2-11 "								
5	937 N.R.S test	2-11 "								
6	932 SIMILARITY	1-16sec	217	4						30% Vib # 17311 DOWN, TRANS PROBLEMS
7	176 WIND strip	1-36 sec	36							60% WINDS ARE 16-20 M.P.H., TIME IS 8:45
8	177 219	209-214-224-304-36								50%
9	178 220	209-215-225-304-36				774				50% E.O. + # 774, TAPE MKTS
10	179 221	209-216-226-304-36				775				60% B.O. + # 775, 900 usec ALL OUES.
11	180 221	209-216-226-304-36								50%
12	181 222	209-217-227-304-36								50%
13	182 223	209-218-228-304-36								50%
14	183 224	209-219-229-304-36								30%
15	184 225	209-220-230-304-36								50%
16	185 226	209-221-231-304-36								50%
17	186 227	209-222-232-304-36								50%
18	SKIP 228	209-223-233-304-36								SKIP Due to Houses
19	SKIP 229	209-224-234-304-36								SKIP " " "
20	187 230	209-225-235-304-36								50%
21	188 231	209-226-236-304-36								50%
22	189 232	209-227-237-304-36								50%
23	SKIP 233	209-228-238-304-36								SKIP Due to WATER WELL
24	SKIP 234	209-229-239-304-36								SKIP " " "
25	SKIP 235	209-230-240-304-36								SKIP " " "

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8932 Hz / 36 sec		SWEEP PATTERN 4/63	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-V11005 1-4900	TYPE GEOPHONE E+EL22P	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8ms SAMPLE RATE / 36 sec Record Length			OBSERVER B. PATTON, M. RICHEY	PARTY MGR. L. DAVIS	

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

16

CLIENT COCORP	AREA SO. CALIF	STATE CALIF	COUNTY Los Angeles	DATE 4-6-82
CREW NO. 6834	TERRAIN Dirt Shoulder	WEATHER PARTLY cloudy - Very WINDY		LINE NO. 4

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	190	236	209-231-241-304-36	4	MISSING SWEEP	775	OUT	IN	50%	STACKED LAST HALF
2	191	237	209-232-242-304-36						50%	
3	192	238	209-233-243-304-36						50%	
4	193	239	209-234-244-304-36	5					50%	Vib # 17311 BACK IN.
5	SKIP	240	209-235-245-304-36	5					SKIP	Due to WATER WELL
6	194	241	209-236-246-304-36		1				50%	STACKED LAST HALF
7	195	242	209-237-247-304-36						50%	WINDS ARR 16-21 MPH, TIME IS 11:35
8	196	243	209-238-248-304-36			775			50%	E.O. + # 775, TAPE MKTS.
9	197	244	209-239-249-304-36		WIND STRIP	776			60%	B.O. + # 776, 900 10sec ALL ONES.
10	198	244	209-239-249-304-36						30%	
11	SKIP	245	209-240-250-304-36						SKIP	Due to WATER WELL.
12	SKIP	246	209-241-251-304-36						SKIP	
13	199	247	209-242-252-304-36						50%	
14	200	248	209-243-253-304-36						50%	
15	201	249	209-244-254-304-36						50%	
16	202	250	209-245-255-304-36						50%	
17	SKIP	251	209-246-256-304-36						SKIP	Due to OVER PASS - STA # 251-256
18	203	257	209-252-262-304-12						50%	Recorder moved UP AT 269-270
19	204	258	209-253-263-304-12						50%	
20	205	259	209-254-264-304-12						50%	
21	206	260	209-255-265-304-12						50%	
22	207	261	209-256-266-304-12						50%	
23	208	262	209-257-267-304-12						50%	
24	209	263	209-258-268-304-12						50%	
25	210	264	209-259-269-304-12						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 R. PATTON, M. Richey	PARTY MGR.	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

17

CLIENT COCORP	AREA SO. CALIF	STATE CALIF	COUNTY Los Angeles	DATE 4-6-82
CREW NO. 6834	TERRAIN Dirt shoulder	WEATHER partly cloud - WINDY		LINE NO. #4

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	211	209-260-270-304-12		5	Missed Sweep	776	OUT	IN	50%	
2	212	209-261-271-304-12							50%	
3	SKIP	209-262-272-304-12							SKIP	Due to RXR track
4	213	209-263-273-304-12							50%	
5	214	209-264-274-304-12							50%	
6	215	209-265-275-304-12				776			50%	E.O. + 776, TAPE MKTS
7	216	209-266-276-304-12			WIND strip	777			100%	B.O. + 777, 900 10sec All ones.
8	217	209-266-276-304-12							50%	
9	218	209-267-277-304-12							50%	
10	219	209-268-278-304-12							50%	
11	SKIP	209-269-279-304-12							SKIP	Due to trailers
12	SKIP	209-270-280-304-12							SKIP	" " "
13	SKIP	209-271-281-304-12							SKIP	" " "
14	220	209-272-282-304-12							50%	
15	221	209-273-283-304-12							50%	
16	222	209-274-284-304-12							30%	
17	223	209-275-285-304-12							50%	
18	SKIP	209-276-286-304-12							SKIP	Due to trailer
19	224	209-277-287-304-12							50%	
20	225	209-278-288-304-12							50%	
21	226	209-279-289-304-12							50%	
22	227	209-280-290-304-12							50%	
23	228	209-281-291-304-12							50%	
24	229	209-282-292-304-12							50%	
25	230	209-283-293-304-12							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.

18

CLIENT COCORP	AREA SO. CALIF	STATE CALIF	COUNTY LOS ANGELES	DATE 4-6-82
CREW NO. 6834	TERRAIN Road Dirt Shoulder	WEATHER cloudy - windy		LINE NO. 4

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	289	209-284-294-204-12		5	miss-el 50-amp	777	OUT IN		50%	
2	290	209-285-295-204-12				777			50%	E.O.L.#777, TAPE MKTS, E.O.L.#4
3										
4										
5										
6										
7										
8										
9										
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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.					