

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

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Exploration Services
Division
Geosource Inc.

CLIENT	COCORP	AREA	UTAH	STATE	UTAH	COUNTY	Millard	DATE	6-25-82
CREW NO.	6834	TERRAIN	Dirt Road	WEATHER	Clear			LINE NO.	2

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			963	OUT	IN		BOT # 963 *900 10 sec All ones.
2	934/935	EINT	2- " "							Recorder set AT 72-73
3	936/937	DRD	4- " "							4 Vibs, 100 spacing, 82.50 move UP.
4	953/954	Sum TEST	2- " "							1st Vibs +6' PAST FLAG. (4 SWEEP)
5	960/961	NRT TEST	2- " "							NOTE: HI-WAY AT STA*91-92-PICKING UP NOISE.
6	932	Similarity	1-32 sec	217	4				30%	Vib #17311 Down, MANIFOLD CRACK ON BACK MOTOR.
7	001	Windstrip	1-52 sec	5					66%	
8	002	1	5-100	5	4				50%	STACKED 1st HALF.
9	003	2	6-101	6					50%	
10	004	3	7-102	7					50%	
11	005	4	8-103	8					50%	
12	006	5	9-104	9					50%	
13	007	6	10-105	10					50%	
14	008	7	11-106	11					50%	
15	009	8	12-107	12					50%	
16	010	9	13-108	13					50%	
17	011	10	14-109	14		963			50%	E.O.T # 963, +APE MKTS
18	012	11	15-110	15	Windstrip	964			66%	B.O.T # 964, 900 10sec ALL ONES.
19	013	11	15-110	15					50%	
20	014	12	16-111	16					50%	
21	015	13	17-112	17					50%	
22	016	14	18-113	18					50%	
23	017	15	19-114	19					50%	
24	018	16	20-115	20					50%	
25	019	17	21-116	21					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	
8 → 32Hz / 32 sec	See Remarks	4	1	X	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
24	96	4-1100's 1-1900	ETLEV 22B	7.5Hz	330'
REMARKS	OBSERVER	PARTY MGR.			
8ms Sample Rate / 52 sec Record Length	R. Patton	M. Richey	L. Davis.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
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CLIENT COCORP	AREA UTAH	STATE UTAH	COUNTY MILLARD	DATE 6-25-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER clear		LINE NO. 2

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	80~	AMP	
1	020 18	22-117	22	4	181.55	964	0111	IN	50%	
2	021 19	23-118	23						50%	
3	022 20	24-119	24			964			50%	
4										
5										
6										
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
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Geosource Inc.

CLIENT COCORP	AREA UTAH	STATE UTAH	COUNTY Millard	DATE 6-28-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear + Windy		LINE NO. 2

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			Missed sweep	966	OUT	IN		B.O.T #966, 900 10sec ALL ONES.
2	934/935	FIN T								Recorder set at
3	936/939	DIRID								WIND ARE BLOWING AT 14-16 M.P.H., TIME IS 9:25.
4	953/954	SUM test								Vib #16344 Down, TRANSMISSION troubles.
5	960/961	N.R.J test								4 Vibs 100' SPACING 82.50 move UP
6	932	SIMILARITY	217	4					30%	1st Vib +6' Past Flag. (4 sweep)
7	023	WIND strip	1						66DB	WINDS ARE BLOWING AT 17-20 M.P.H. TIME IS 10:45.
8	024	21	25	120	1	4			50%	
9	025	22	26	121	2				50%	
10	026	23	27	122	3				50%	
11	027	24	28	123	4				50%	
12	028	25	29	124	5				50%	
13	029	26	30	125	6				50%	
14	030	27	31	126	7				50%	
15	031	28	32	127	8				50%	
16	032	29	33	128	9				50%	WINDS ARE BLOWING AT (19-25) M.P.H. TIME IS 12:00
17	033	30	34	129	10	966			50%	E.O.T #966 TAPE MKTS: gusty WINDS AT 27-30 M.P.H.
18	034	31	35	130	11	wind strip 967			66DB	B.O.T #967, 900 10sec ALL ONES
19	035	31	35	130	11				50%	crew IS STANDARD BY FOR WINDS
20	036	32	36	131	12				50%	
21	037	33	37	132	13				50%	
22	038	34	38	133	14				50%	
23	039	35	39	134	15				50%	
24	040	36	40	135	16				50%	crew WAS STANDARD BY FOR WINDS,

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8732Hz/32sec		SWEEP PATTERN see REMARKS		SWEEPS PER PATTERN 4	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN x 			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 1-4900 4-4100's	TYPE GEOPHONE E-LV22P	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms SAMPLE RATE / 32sec Record length			OBSERVER R. PATTON, M. RICHLEY	PARTY MGR. R. DAVIS	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
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Geosource Inc.

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CLIENT CO CORP	AREA UTAH	STATE UTAH	COUNTY Millard	DATE 6-29-80
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy	LINE NO. #2	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	933 Pulse	1-6sec			MISSED SWEEP	967	OUT	IN		Recorder SET AT 112-113
2	934 EINT	2-11"								WINDS ARE BLOWING AT 17-19 M.P.H. TIME IS 10:00.
3	935 D.R.D	4-11"								4 Vib 100' SPACING 82.50' MARK C/P.
4	936 SUM test	2-11"								1st Vib +6' PAST FLAG. (4 SWEEP)
5	937 N.R.5 test	2-11"								Vib # 16344 DOWN, TRANSMISSION troubles.
6	932 SIMILARITY	1-32sec	217	4						30%
7	041 WIND strip	1-52sec	1	4						66DB
8	042 37	41-136	1	4						50%
9	043 38	42-137	2							50%
10	044 39	43-138	3			967				50% F.O. + #967, TAPE MKTS
11	045 40	44-139	4		WIND strip	968				66DB B.O. + #968, 900 10sec ALL ONES.
12	046 40	44-139	4							50%
13	047 41	45-140	5							50%
14	048 42	46-141	6							50% WINDS ARE BLOWING AT 23-30 M.P.H. TIME IS 11:10.
15	049 43	47-142	7							50%
16	050 44	48-143	8							50% CREW IS STANDING BY FOR WINDS, MAKING TO MUCH NOISE ON LINE.
17										STOPPING FOR THE DAY DUE TO WINDS BLOWING AT 25-32 M.P.H. AND GUSTING.
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 873 Hz / 32 sec	SWEEP PATTERN SEE REMARK	SWEEPS PER PATTERN 4	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y1100'S 1-Y900	TYPE GEOPHONE ETHV22R	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 3ms SAMPLE RATE / 52 sec Record Length		OBSERVER R. PATTON, M. RICHEY		PARTY MGR. L. DAVIS	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
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CLIENT <i>COCORP</i>		AREA <i>UTAH</i>		STATE <i>UTAH</i>		COUNTY <i>MILLARD</i>		DATE <i>6-30-82</i>			
CREW NO. <i>6834</i>		TERRAIN <i>Dirt Road</i>		WEATHER <i>partly cloudy</i>		LINE NO. <i>2</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	61	65-160	17	4	<i>MIST SWEEP</i>	970	OUT	IN	50%		
2	62	66-161	18						50%		
3	63	67-162	19						50%		
4	64	68-163	20						50%		
5	65	69-164	21						50%		
6	66	70-165	22						50%		
7	67	71-166	23						50%		
8	68	72-167	24						50%		
9	69	73-168	25						50%		
10	70	74-169	26						50%		
11	71	75-170	27						50%		
12	72	76-171	28			970			50%	E.O. + #970, TAPE MKTS.	
13	73	77-172	29		<i>WIND STRIP</i>	971			66Db	B.O. + #971, 900 10sec HILONES	
14	74	77-172	29						50%	WINDS ARE BLOWING AT 18-22 M.P.H. TIME IS 12:45	
15	74	78-173	30						50%		
16	75	79-174	31						50%		
17	76	80-175	32						50%		
18	77	81-176	33						50%		
19	78	82-177	34						50%		
20	79	83-178	35						50%		
21	80	84-179	36						50%		
22	81	85-180	37						50%		
23	82	86-181	38						50%		
24	83	87-182	39						50%	WINDS ARE BLOWING AT 20-25 M.P.H. TIME IS 1:35	
25	84	88-183	40			971			50%	E.O. + #971, TAPE MKTS. WITH GUST UP TO 30 M.P.H.	
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
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Geosource Inc.

CLIENT <i>COCORP</i>	AREA <i>UTAH</i>	STATE <i>UTAH</i>	COUNTY <i>Millard</i>	DATE <i>6-30-82</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Partly cloudy</i>		LINE NO. <i>2</i>

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	095	85	89-184	41	4 WINDSTRIP	972	OUT	IN	50%	B.O.T #972, 900 10sec ALLONES
2	096	85	89-184	41					50%	
3	097	86	90-185	42					50%	
4	098	87	91-186	43					50%	
5	099	88	92-187	44					50%	Crew is standing by for winds, making too
6	100	89	93-188	45					50%	Much noise on line.
7	101	90	94-189	46					50%	
8	102	91	95-190	47					50%	WINDS HAVE SLOWED DOWN went BACK to work.
9	103	92	96-191	48					50%	STACKED 1st HALF.
10	SKIP	93	97-192	49					SKIP	Due to HI-WAY.
11	104	94	98-193	38					50%	Recorder moved UP AT STA 132-133.
12	105	95	99-194	39					50%	
13	106	96	100-195	40					50%	
14	107	97	101-196	41		972			50%	E.O.T #972, TAPE MKTS
15	108	98	102-197	42	WIND STRIP	973			660%	B.O.T #973 900 10sec ALLONES.
16	109	98	102-197	42					50%	
17	110	99	103-198	43					50%	
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
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Geosource Inc.

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CLIENT COCORP	AREA UTAH	STATE UTAH	COUNTY Millard	DATE 7-1-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER partly cloudy		LINE NO. #2

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			MISSING SWEEP	973	OUT	IN		Recorder SET AT 175-176
2	935	EXIT								
3	939	DRP								4 Vib 100' spacing 82.50 MOVE UP,
4	934	SUM test								1st Vib +6' PAST FLAG. (4 SWEEP)
5	941	N.R. TEST								
6	932	SIMILARITY	217	4					30%	Vib #16344 Down, TRANSMISSION troubles.
7	111	WINDSTRIP	1						60%	
8	112	100	104-199	1	4				50%	
9	113	101	105-200	2					50%	
10	114	102	106-201	3					50%	
11	115	103	107-202	4					50%	
12	116	104	108-203	5					50%	
13	117	105	109-204	6					50%	
14	118	106	110-205	7		973			50%	E.O. + #973, TAPE MKTS
15	119	107	111-206	8	wind strip	974			60%	B.O. + #974, 900 10sec ALL ONES.
16	120	107	111-206	8					50%	
17	121	108	112-207	9					50%	
18	122	109	113-208	10					50%	
19	123	110	114-209	11					50%	
20	124	111	115-210	12					50%	
21	125	112	116-211	13					50%	
22	126	113	117-212	14					50%	
23	127	114	118-213	15					50%	
24	128	115	119-214	16					50%	
25	129	116	120-215	17					50%	

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 4	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-V1100's 1-V900	TYPE GEOPHONE ETELV225	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8ms Sample RATE / 52 sec Record Length			OBSERVER R. PATTON, M. RICHY	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>UTAH</i>	STATE <i>UTAH</i>	COUNTY <i>Millard</i>	DATE <i>7-1-82</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Partly Cloudy</i>		LINE NO. <i>#2</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	121-216	18	4	<i>MISSING SWEEP</i>	974	OUT	IN	50%	
2	131	122-217	19			974			50%	E.O.T #974, TAPE MKTS.
3	132	123-218	20		<i>wind strip</i>	975			66db	B.O.T #975, 900 10sec ALL ONES
4	133	123-218	20						50%	
5	134	124-219	21						50%	
6	135	125-220	22						50%	
7	136	126-221	23						50%	
8	137	127-222	24						50%	NOTE: C.D.P. OFF ONE STA, ON V.P. #123.
9	138	128-223	25						50%	
10	139	129-224	26						50%	
11	140	130-225	27						50%	
12	141	131-226	28						50%	
13	142	132-227	29						50%	
14	143	133-228	30						50%	
15	144	134-229	31			975			50%	E.O.T #975, TAPE MKTS
16	145	135-230	32		<i>wind strip</i>	976			66db	B.O.T #976, 900 10sec ALL ONES.
17	146	135-230	32						50%	
18	147	136-231	33						50%	
19	148	137-232	34						50%	
20	149	138-233	35						50%	
21	150	139-234	36						50%	
22	151	140-235	37						50%	
23	152	141-236	38						50%	
24	153	142-237	39						50%	
25	154	143-238	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
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CLIENT		AREA		STATE		COUNTY		DATE		
COCORP		UTAH		UTAH		Millard		7-1-82		
CREW NO.		TERRAIN		WEATHER		LINE NO.				
6834		Dirt Road		PARTLY CLOUDY		#2				
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	155	144-239	41	4	MISSED SWEEP	976	OUT	IN	50%	
2	156	145-240	42						50%	
3	157	146-241	43			976			50%	E.O.T #976, TAPE MKTS
4	158	147-242	44		WIND STRIP	977			66Db	B.O.T #977, 900 10sec ALL ONES
5	159	147-242	44						50%	
6	160	148-243	45						50%	
7	161	149-244	46						50%	
8	162	150-245	47						50%	
9	163	151-246	48						50%	
10	164	152-247	49						50	
11	165	153-248	22	5					50%	Recorder MOVED UP AT 203-204
12	166	154-249	23		1				50%	Vib #16344 BACK ON LINE.
13	167	155-250	24		2				50%	
14	168	156-251	25						50%	
15	169	157-252	26						50%	
16	170	158-253	27			977			50%	E.O.T #977, TAPE MKTS
17	171	159-254	28		WIND STRIP	978			66Db	B.O.T #978, 900 10sec ALL ONES
18	172	159-254	28						50%	
19	173	160-255	29						50%	
20	174	161-256	30	4					50%	Vib #17311 Down, Pad Leak. SERVO-VALVE.
21	175	162-257	31						50%	
22	176	163-258	32						50%	
23	177	164-259	33						50%	
24	178	165-260	34	5					50%	Vib #17311 BACK ON LINE.
25	179	166-261	35						50%	
TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE		TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.
SWEEP FREQUENCY		SWEEP PATTERN		SWEEPS PER PATTERN		SWEEP PATTERNS PER SETUP		PATCH PATTERN		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL
REMARKS						OBSERVER		PARTY MGR.		

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Exploration Services
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CLIENT <i>COCORP</i>	AREA <i>UTAH</i>	STATE <i>UTAH</i>	COUNTY <i>Millard</i>	DATE <i>7-1-82</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Partly cloudy</i>		LINE NO. <i>#2</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	163	167-262	36	5	<i>Missed sweep</i>	978	ULT	IN	50%	
2	164	168-263	37						50%	
3	165	169-264	38			978			50%	E.O. + #978, TAPE MKTS-
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
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19										
20										
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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.**

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CLIENT COCORP	AREA UTAH	STATE UTAH	COUNTY MILLARD	DATE 7-2-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER clear	LINE NO. #2	

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	1-6sec			missed sweep	979	OUT	IN		Recorder SET AT 241-242.
2	934 ELNT	2-11"								B.O.T #979, 900 10sec ALLONES.
3	936 DRD	4-11"								5 Vib 100' spacing. 82.50 MOVE UP
4	953 sumtest	2-11"								1st Vib +56 PAST FLAG. (4 SWEEP)
5	960 N.R.5 test	2-11"								
6	932 SIMILARITY	1-32sec	217	5						30%
7	183 WINDSTRIP	1-52sec	1							70%
8	184 166	170-265	1	4						50% Vib #16344 Down, PUTTING PAD BOLTS IN PAD.
9	185 167	171-266	2	5						50% Vib #16344 BACK IN.
10	186 168	172-267	3							50%
11	187 169	173-268	4							50%
12	188 170	174-269	5							50%
13	189 171	175-270	6							50%
14	190 172	176-271	7							50%
15	191 173	177-272	8							50%
16	192 174	178-273	9							50%
17	193 175	179-274	10			979				50% E.O.T #979, TAPE MKTS.
18	194 176	180-275	11	wind strip		980				60% B.O.T #980, 900 10sec ALLONES.
19	195 176	180-275	11							50%
20	196 177	181-276	12							50%
21	197 178	182-277	13							50%
22	198 179	183-278	14							50%
23	199 180	184-279	15							50%
24	200 181	185-280	16							50%
25	201 182	186-281	17							50%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8332Hz/32sec		SWEEP PATTERN SEE REMARKS		SWEEPS PER PATTERN 4	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN X			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-V11005 1-Y900	TYPE GEOPHONE E TELV22B	FREQUENCY 7.5	STATION INTERVAL 330'
REMARKS 8ms SAMPLE RATE / 52sec 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 COCORP	AREA UTAH	STATE UTAH	COUNTY Millard	DATE 7-2-82
CREW NO. 6834	TERRAIN DIRT ROAD	WEATHER Clear		LINE NO. #2

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	202	183	187-282	18	5	980	DLT IN		50%	
2	203	184	188-283	19	4				50%	Vib. 17311 Down, Leak ON BACK MASS.
3	204	185	189-284	20	5				50%	Vib. 17311, BACK ON line.
4	205	186	190-285	21					50%	
5	206	187	191-286	22		980			50%	E.O.+*980, TAPE MKTS, BLAST ON 4 th sweep.
6	207	188	192-287	23	WIND strip	981			66Db	B.O.+*981, 900 10sec ALL ONE.
7	208	188	192-287	23					50%	
8	209	189	193-288	24					50%	
9	210	190	194-289	25					50%	
10	211	191	195-290	26					50%	
11	212	192	196-291	27					50%	
12	213	193	197-292	28					50%	
13	214	194	198-293	29					50%	
14	215	195	199-294	30					50%	
15	216	196	200-295	31					50%	
16	217	197	201-296	32					50%	
17	218	198	202-297	33					50%	
18	219	199	203-298	34		981			50%	E.O.+*981, TAPE MKTS.
19	220	200	204-299	35	WIND strip	982			66Db	B.O.+*982, 900 10sec ALL ONES
20	221	200	204-299	35					50%	
21	222	201	205-300	36					50%	
22	223	202	206-301	37					50%	
23	224	203	207-302	38					50%	
24	225	204	208-303	39					50%	
25	226	205	209-304	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. 14

CLIENT COCORP	AREA UTAH	STATE UTAH	COUNTY Millard	DATE 7-2-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear	LINE NO. 2	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPES	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	80 ~	AMP	
1	227	210 - 305	41	5		982	OUT	IN	50%	
2	228	211 - 306	42						50%	
3	229	212 - 307	43						50%	
4	230	213 - 308	44						50%	
5	231	214 - 309	45						50%	
6	232	215 - 310	46			982			50%	E.O.T # 982, TAPE MKTS
7	233	216 - 311	26	WIND SKIP		983			66%	B.O.T # 983, 900, 10sec ALL ONES.
8	234	216 - 311	26						50%	Recorder MOVED UP AT 262-263.
9	235	217 - 312	27						50%	
10	236	218 - 313	28						50%	
11	237	219 - 314	29						50%	
12	238	220 - 315	30						50%	
13	239	221 - 316	31						50%	
14	240	222 - 317	32						50%	
15	241	223 - 318	33						50%	
16	242	224 - 319	34						50%	
17	243	225 - 320	35						50%	
18	244	226 - 321	36			983			50%	E.O.T # 983, TAPE MKTS
19	245	227 - 322	37	WIND SKIP		984			66%	B.O.T # 984, 900 10sec ALL ONES.
20	246	227 - 322	37						50%	
21	247	228 - 323	38						50%	
22	248	229 - 324	39						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. 15

CLIENT COCORP	AREA UTAH	STATE UTAH	COUNTY MILLARD	DATE 7-6-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER clear		LINE NO. 2

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	Pulse	1 - 6 sec			MISSING SWEEP	984	OUT	IN		Recorder SET AT 300-301
2	EINT	2 - " "								
3	DRD	4 - " "								5 Vib 100' SPACING 4125 MOVE UP.
4	Sum TEST	2 - " "								1st Vib +56 Past FLAG (4 SWEEP)
5	NRJ TEST	2 - " "								
6	Similarity	1 - 32 sec	217	5						30%
7	Wind Strip	1 - 52 sec	2							70%
8	226	230-325	2	5						50%
9	227	231-326	3		2					50%
10	228	232-327	4							50%
11	229	233-328	5		3					50%
12	230	234-329	6							50%
13	231	235-330	7							50%
14	232	236-331	8			984				50% E.O. + #984 TAPE MKTS.
15	233	237-332	9	Wind Strip		985				70% B.O. + #985, 900 10sec ALL ONES; WINDstrip File # is 233
16	233	237-332	10							50% C.D.P. OFF BY ONE STA* ON V.P. 233.
17	234	238-333	10		2					50%
18	235	239-334	11		2					50%
19	236	240-335	12							50%
20	237	241-336	13							50%
21	238	242-337	14		3					50%
22	239	243-338	15		2					50%
23	240	244-339	16							50%
24	241	245-340	17		1					50%
25	242	246-341	18							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 4	
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 4-Y 1100's 1-Y 900	
REMARKS 8 ms Sample Rate / 52 sec Record Length		OBSERVER M. Richey		PARTY MGR. L. Davis	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc. 16

CLIENT Co Corp	AREA UTAH	STATE UTAH	COUNTY MILLARD	DATE 7-6-82
CREW NO. 6834	TERRAIN Dirt Road - hilly	WEATHER Clear		LINE NO. 2

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	268	247 - 342	19	5		985	OUT	IN	50%	E.O.T. #985 TAPE MKTS.
2	269	248 - 343	20	5	WIND STRIP	986			70dB	B.O.T. #986; FILE 900, 10sec ALL'S.
3	270	248 - 343	20	5					50%	
4	271	249 - 344	21	5					50%	
5	272	250 - 345	22	5					50%	
6	273	251 - 346	23	5					50%	
7	274	252 - 347	24						50%	
8	275	253 - 348	25						50%	
9	276	254 - 349	26						50%	
10	277	255 - 350	27						50%	
11	278	256 - 351	28						50%	
12	279	257 - 352	29			986			50%	E.O.T. #986, TAPE MKTS.
13	280	258 - 353	30	5	WIND STRIP	987			70dB	B.O.T. #987, 900 10sec ALL ONES.
14	281	258 - 353	30						50%	
15	282	259 - 354	31						50%	
16	283	260 - 355	32						50%	
17	284	261 - 356	33						50%	
18	285	262 - 357	34						50%	
19	286	263 - 358	35						50%	
20	287	264 - 359	36						50%	
21	288	265 - 360	37						50%	
22	289	266 - 361	38						50%	
23	290	267 - 362	39						50%	
24	291	268 - 363	40			987			50%	E.O.T. #987, TAPE MKTS.
25	292	269 - 364	41	5	WIND STRIP	988			66dB	B.O.T. #988, 900 10sec ALL ONES.

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 UTAH		STATE UTAH		COUNTY Millard		DATE 7-6-82		
CREW NO. 6834		TERRAIN Dirt Road		WEATHER Clear		LINE NO. 2				
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	293	269-364	41	5	MISSING	988	OUT	IN	50%	
2	294	270-365	42						50%	
3										
4										
5										
6										
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.

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CLIENT COCORP	AREA UTAH	STATE UTAH	COUNTY Millard	DATE 7-7-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER partly cloudy	LINE NO. 2	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	TAPE RL. NO.	FILTER			REMARKS
						LOCUT	60~	AMP	
1	933 Pulse	1-6sec			988	OUT	IN		Recorder SET AT 331-332
2	934 EINT	2-11"							
3	935 D.R.D	4-11"							5 Vibs 100' spacing 82.50 move UP
4	936 sumtest	2-11"							1st Vib +56' Past FLAG (4 sweep)
5	937 N.R.J test	2-11"							
6	932 Similarity	1-32sec	217	5					
7	295 WINDstrip	1-52sec	12						Wind Velocity ~ 17 mph.
8	296 267	271-366	12	5					50%
9	297 268	272-367	13						50%
10	298 269	273-368	14						50%
11	299 270	274-369	15						50%
12	300 271	275-370	16						50%
13	301 272	276-371	17						50%
14	302 273	277-372	18		988				E.O.T #988, TAPE MARKS
15	303 274	278-373	19	WIND strip	989				B.O.T #989, 900 10sec ALL ONES
16	304 274	278-373	19						50%
17	305 275	279-374	20						50%
18	306 276	280-375	21						50%
19	307 277	281-376	22						50%
20	308 278	282-377	23						50%
21	309 279	283-378	24						50%
22	310 280	284-379	25						50%
23	311 281	285-380	26						50%
24	312 282	286-381	27						50%
25	313 282	287-382	28						50%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 832Hz / 32sec		SWEEP PATTERN SEE REMARKS		SWEEPS PER PATTERN 4	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN X			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-1100's 1-900	TYPE GEOPHONE E TELV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8MS SAMPLE RATE / 52sec Record Length			OBSERVER MARK Richey, D. Skelton	PARTY MGR. Z. DAVIS	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT COCORP	AREA UTAH	STATE UT.	COUNTY MILLARD	DATE 7-7-82
CREW NO. 6834	TERRAIN Hilly - Dirt Road	WEATHER P.C. & Windy		LINE NO. 2

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	314	284	288-383	29	5	989	OUT	IN	50%	Wind velocity: 15 mph. E.O.T. 989
2	316	285	289-384	30		990			50%	B.O.T. 990, 10 sec ALL THE FILE 900.
3	317	286	290-385	31					50%	WINDSTRIP ON FILE # 315
4	318	287	291-386	32					50%	
5	319	288	292-387	33					50%	
6	320	289	293-388	34					50%	
7	321	290	294-389	35					50%	
8	322	291	295-390	36					50%	
9	323	292	296-391	37					50%	
10	324	293	297-392	38					50%	
11	325	294	298-393	39					50%	WINDS ARE BLOWING AT 14-15 M.P.H. ^{H.M.E IS} 2:00.
12	326	295	299-394	40		990			50%	E.O.T. 990; TAPE TAKES
13	327	296	300-395	41	WIND STRIP	991			66Db	STANDING BY DUE TO WEATHER. B.O.T # 991, 900
14										10 sec ALL ONES
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. 21

CLIENT COCORP	AREA UTAH	STATE UTAH	COUNTY Millard	DATE 7-9-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear - WET		LINE NO. 2

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				missed sweep 991	OUT	IN		Recorder SET AT 386-367
2	934	E. INT								
3	936	D. R. D.								5 Vibs 100' spacings 82.50 move up.
4	959	JUM TEST								1st Vib +56 Past FLAG. (4 sweep).
5	960	N. R. TEST								SOME LEAKAGE ON LINE.
6	932	SIMILARITY	219	5		991			30%	E.O.T #991, TAPE MKTS
7	335	WINDSTRIP	12			992			66%	B.O.T #992, 900 10sec ALL ONES.
8	336	302	12	5	2				50%	
9	337	303	13						50%	
10	338	304	14						50%	
11	339	305	15						50%	
12	340	306	16						50%	
13	341	307	17						50%	
14	342	308	18						50%	
15	343	309	19						50%	
16	344	310	20						50%	
17	345	311	21						50%	
18	346	312	22						50%	
19	347	313	23			992			50%	E.O.T #992, TAPE MKTS
20	348	314	24			993			66%	B.O.T #993, 900 10sec ALL ONES
21	349	314	24						50%	
22	350	315	25						50%	
23	351	316	26						50%	
24	352	317	27						50%	
25	353	318	28						50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 832 Hz / 32 sec		SWEEP PATTERN SEE REMARKS		SWEEPS PER PATTERN 4	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-1100's 1-1400	TYPE GEOPHONE ET#LV22P	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8ms SAMPLE RATE / 52 sec Record Length			OBSERVER M. Richey	PARTY MGR. Z. DAVIS	LINE DIR. 1 TO 24 S-N

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT COCORP	AREA UTAH	STATE UTAH	COUNTY MILLARD	DATE 7-9-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear		LINE NO. 2

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	354	323 - 418	29	5		993	OUT	IN	50%	
2	355	324 - 419	30						50%	
3	356	325 - 420	31						50%	
4	357	326 - 421	32						50%	
5	358	327 - 422	33			993			50%	E.O.T #993, TAPE MKTS END. of DAY.
6										
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. 23

CLIENT COCORP	AREA UTAH	STATE UTAH	COUNTY MILLARD	DATE 7-10-82
CREW NO. 6834	TERRAIN Dirt Road	WEATHER clear		LINE NO. 2

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	994	OUT	IN		Recorder SET AT 395-396
2	934/35 FINI	2-11 "								B.O.T #994, 900 10sec ALL ONES.
3	36/37 D.R.D	4-11 "								5 Vibs 100' SPACING 82.50 move UP
4	353/354 SUM test	7-11 "								1st Vib +56' PAST FLAG. 4 SWEEP
5	360/361 N.R.J test	2-11 "								4 Vibs 100' spacing 82.50 move UP
6	932 SIMILARITY	1-32sec	217	5						1st Vibs +6' PAST FLAG. 4 SWEEP
7	359 WIND strip	1-52sec	5							
8	360 324	328-423	5	4						Vib #17311 Down, RADIATOR HOSE BURST
9	361 325	329-424	6							
10	362 326	330-425	7							
11	363 327	331-426	8							
12	364 328	332-427	9							
13	365 329	333-428	10							
14	366 330	334-429	11							
15	367 331	335-430	12							
16	368 332	336-431	13							
17	369 333	337-432	14			994				E.O.T #994, TAPE MKES
18	370 334	338-433	15	WIND STRIP		995				B.O.T #995, 900 10sec ALL ONES.
19	371 334	338-433	15							
20	372 335	339-434	16							
21	373 336	340-435	17							
22	374 337	341-436	18							
23	375 338	342-437	19							
24	376 339	343-438	20							
25	377 340	344-439	21			995				TEMP. E.O.L. #2. E.O.T # TAPE MKES.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 832Hz / 32sec		SWEEP PATTERN see REMARKS		SWEEPS PER PATTERN 4	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN X 			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-1100's 1-1900	TYPE GEOPHONE ETELV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms SAMPLE RATE / 52sec Record Length, M. Richey			OBSERVER	PARTY MGR. J. DAVIS	