

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 3-18-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER clear		LINE NO. # 1

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	PULSE	1-6sec			missed sweep	417	OUT	1K		Recorder set at 82-82 1/2
2	E1KT	2-11"								
3	D.R.D	4-11"								
4	Sumtest	2-11"								
5	N.R.S	2-11"								Doing testing with 48 sta,
6	232 Similarity	1-32sec	235	5					50%	
7	001 Windstrip	1-48sec	25						66db	1 Vib, 30% Drive. 6 sweep File #002.
8	002 110	86-109 1/2	25	1					30%	
9	003 134	86-109 1/2	25	3					50%	3 Vibs, 50% Drive, 4 sweep File #003.
10	004 134	86-109 1/2	25	3					50%	3 Vibs, 50% Drive, 8 sweep, File #004.
11	005 158	86-109 1/2	25	3					50%	3 Vibs, 50% Drive, 8 sweep, File #005.
12	006 182	86-109 1/2	25	3					50%	3 Vibs, 50% Drive, 8 sweep, File #006.
13	007 85	86-109 1/2	25	1					30%	1 Vib, 30% Drive, 4 sweep, File #007.
14	008 61	86-109 1/2	25	3					50%	3 Vibs, 50% Drive, 8 sweep, File #008.
15	009 114	86-109 1/2	25	5					50%	5 Vibs, 50% Drive, 8 sweep, File #009. Vibs Bump to Bump.
16	010 114	86-109 1/2	25	5					50%	5 Vibs, 41.25 move up, 12' spacing, 8 sweep, File #010.
17	011 114	86-109 1/2	25	5					50%	5 Vibs, 41.25 move up, 32' spacing, 8 sweep, File #011.
18	012 114	86-109 1/2	25	5		417			50%	5 Vibs, 41.25 move up, 54' spacing, 8 sweep, File #012.
19	013 114	86-109 1/2	25	5	windstrip	418			66db	E.O.T #417, TAPE MKTS, B.O.T. #418, 900 10sec HILLOES
20	014 114	86-109 1/2	25	5					50%	5 Vibs, 41.25 move up, 125' spacing, 8 sweep, File #014.
21	015 114	86-109 1/2	25	5					50%	5 Vibs, 41.25 move up, 200' spacing, 8 sweep, File #015.
22	016 114	4-99	1	5					50%	5 Vibs, 41.25 move up, 150' spacing, 8 sweep, File #016.
23	017 100	4-99	1	5					50%	Now HAVE 96 STA, starting with STA #4-99.
24	018 100	4-99	1	5					50%	5 Vibs, 41.25 move up, 100' spacing, 8 sweep, File #017.
25	019 100	4-99	1	5					50%	5 Vibs, 41.25 move up, 12' spacing, 8 sweep, File #018.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32Hz/32sec		SWEEP PATTERN see Remarks		SWEEPS PER PATTERN 8	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN x			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR S-VIBRO'S	TYPE GEOPHONE EFLDV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8mc sample rate/48sec Record Length			OBSERVER R. PATTON, M. Pichey	PARTY MGR. Z. DAVIS	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

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CLIENT COCORP	AREA Nevada	STATE Nevada	COUNTY PERSHING	DATE 3-18-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER clear		LINE NO. # #1

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	020	100	4-99	1	5	missed sweep 418	OUT	IN	25%	5 Vibs, 41.25 MOVE UP, 54' SPACING, 8 sweep, File #019
2	021	100	4-99	1	5				25%	5 Vibs, 41.25 MOVE UP, 54' SPACING, 4 sweep, File #020.
3	022	100	4-99	1	5				75%	5 Vibs, 41.25 MOVE UP, 54' SPACING, 8 sweep, File #021
4	023	100	4-99	1	5				75%	5 Vibs, 41.25 MOVE UP, 54' SPACING, 1 sweep, File #22
5	024	100	4-99	1	5				75%	5 Vibs, 41.25 MOVE UP, 54' SPACING, 2 sweep, File #23.
6	025	100	4-99	1	5				75%	5 Vibs, 41.25 MOVE UP, 54' SPACING, 4 sweep, File #24
7	026	100	4-99	1	5	418	E.O.T		75%	5 Vibs, 41.25 MOVE UP, 54' SPACING, 8 sweep, File #25
8	027	100	4-99	1	5	419	B.O.T		75%	5 Vibs, 20.6 MOVE UP, 54' SPACING, 16 sweep, File #26
9									75%	5 Vibs, 20.6 MOVE UP, 54' SPACING, 24 sweep, File #27.
10										NOTE changed to 16 sec sweep and 32 sec listen time/8-32Hz
11	028	101	4-99	1	5				50%	5 Vibs, 41.25 MOVE UP, 54' SPACING, 8 sweep, File #28
12	029	101	4-99	1	5				50%	5 Vibs, 41.25 MOVE UP, 54' SPACING, 16 sweep, File #29
13							Alias to	62.5		NOTE Changed to 14-40HZ, 16 sec sweep, 32 sec LISTEN TIME.
14	030	101	4-99	1	5				50%	5 Vibs, 41.25 MOVE UP, 54' SPACING, 8 sweep, File #030
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

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 3-19-83
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CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear	LINE NO. 1
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REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL.NO.	F I L T E R			RE MARKS	
							LOCUT	80~	AMP		
1	049	14	17-112	14	5	1	421	OUT	IN	50%	
2	050	15	18-113	15						50%	
3	051	16	19-114	16						50%	
4	052	17	20-115	17						50%	
5	053	18	21-116	18		1				50%	
6	054	19	22-117	19						50%	got Blast on sweep # 3
7	055	20	23-118	20	4					50%	Vib # 23652 Down
8	056	21	24-119	21						50%	
9	057	22	25-120	22	5	1	421			50%	Vib # 23652 Back on Line. EOT # 421 Tape MKTS
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											

* Note: Records 037 and 038 are experimental. Do not incorporate in stack

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.		

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DIGITAL VIBROSEIS RECORDER**

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 3-22-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Partly Cloudy + Wet + Snowing		LINE NO. 1

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			missed sweep	422	OUT	IN		BOT #422 #900 10 sec All ones.
2	934/935	FWT								
3	936/939	DRD								5 Vibs 1st Vib NOSE 70' Past Flag 2nd Vib 30' Before
4	953/954	Sum TEST								Flag. 100' spacing 4.25 MAKE UP
5	960/961	NRJ TEST								
6	932	Similarity	236	5						50%
7	058	Wind strip	1							66% NOTE: SNOWING ON LINE
8	059	23	26-121	1	5					50%
9	060	24	27-122	2						50%
10	061	25	28-123	3						50%
11	062	26	29-124	4						50%
12	063	27	30-125	5						50% NOTE: Light snow.
13	064	28	31-126	6						50%
14	065	29	32-127	7						50%
15	066	30	33-128	8						50%
16	067	31	34-129	9	1					50%
17	068	32	35-130	10						50% NOTE: Begin to SNOW Very HARD.
18	069	33	36-131	11		422				50% E.O.T #422, TAPE MARKS
19	070	34	37-132	12	WINDSTRIP	423				72% B.O.T #423, 900 10sec ALL ONES.
20	071	34	37-132	12						50%
21	072	35	38-133	13	1					50% NOTE: STARTING TO PICK UP NOISE FROM LEAKAGE.
22	073	36	39-134	14	2					50% NOTE: STOPPING DUE TO WEATHER CONDITIONS
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32 Hz / 32 sec	SWEEP PATTERN See Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN x	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y 1100's	TYPE GEOPHONE ETLEV 22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8 ms sample rate / 48 sec Record Length	OBSERVER R. Patton	PARTY MGR. M. Richey	L. Davis		

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 3-23-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy & WET		LINE NO. F1

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	093	54	57-152	32	5	3250	424	OUT	IN	40%	
2	094	55	58-153	33						40%	
3	095	56	59-154	34			424			40%	E.O.T # 424, TAPE MKTS
4	096	57	60-155	35	WIND STRIP		425			72%	B.O.T # 425, 900 10sec ALL ONES.
5	097	57	60-155	35						40%	
6	098	58	61-156	36						40%	
7	099	59	62-157	37						40%	
8	100	60	63-158	38						40%	
9	101	61	64-159	39						40%	
10	102	62	65-160	40						40%	
11	103	63	66-161	41						40%	
12	104	64	67-162	42						40%	
13	105	65	68-163	43						50%	Vibs went BACK TO 50% DRIVE.
14	106	66	69-164	44						50%	
15	107	67	70-165	45						50%	
16	108	68	71-166	46						50%	
17	109	69	72-167	47			425			50%	E.O.T # 425, TAPE MKTS
18	110	70	73-168	32	WIND STRIP		426			72%	B.O.T # 426, 900 10sec ALL ONES. Recorder move UP
19	111	70	73-168	32						50%	TO STA # 113-114.
20	112	71	74-169	33						50%	
21	113	72	75-170	34						50%	
22	114	73	76-171	35						50%	
23	115	74	77-172	36						50%	
24	116	75	78-173	37						50%	
25	117	76	79-174	38						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.				

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DIGITAL VIBROSEIS RECORDER**

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>Pershing</i>	DATE <i>3-24-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy & wet</i>		LINE NO. <i>#1</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>426</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 140-141</i>
2	<i>EINT</i>	<i>2-11"</i>								
3	<i>D.R.D</i>	<i>4-11"</i>								
4	<i>SUMtest</i>	<i>2-11"</i>								<i>5 Vibs 1st Vib NOSE 70' past FLAG 2ND Vib NOSE 30' Before FLAG. 100' spacing, 47.25 MOVE UP. & SWEEP.</i>
5	<i>N.R.P test</i>	<i>2-11"</i>								
6	<i>SIMILARITY</i>	<i>1-32sec</i>	<i>236</i>	<i>5</i>					<i>50%</i>	
7	<i>WINDstrip</i>	<i>1-48sec</i>	<i>12</i>						<i>72Db</i>	
8	<i>77</i>	<i>80-175</i>	<i>12</i>	<i>5</i>					<i>50%</i>	
9	<i>78</i>	<i>81-176</i>	<i>13</i>						<i>50%</i>	
10	<i>79</i>	<i>82-177</i>	<i>14</i>			<i>426</i>			<i>50%</i>	<i>E.O.T #426, TAPE MKTS</i>
11	<i>80</i>	<i>83-178</i>	<i>15</i>		<i>WINDstrip</i>	<i>427</i>			<i>72Db</i>	<i>B.O.T #427, 900 10sec ALL ONES.</i>
12	<i>80</i>	<i>83-178</i>	<i>15</i>						<i>50%</i>	
13	<i>81</i>	<i>84-179</i>	<i>16</i>						<i>50%</i>	<i>NOTE: WINDS ARE BLOWING AT 13-15-MPH</i>
14	<i>82</i>	<i>85-180</i>	<i>17</i>						<i>50%</i>	
15	<i>83</i>	<i>86-181</i>	<i>18</i>						<i>50%</i>	
16	<i>84</i>	<i>87-182</i>	<i>19</i>						<i>50%</i>	
17	<i>85</i>	<i>88-183</i>	<i>20</i>						<i>50%</i>	
18	<i>86</i>	<i>89-184</i>	<i>21</i>						<i>50%</i>	<i>NOTE: WINDS ARE BLOWING AT 15-18-M.P.H.</i>
19	<i>87</i>	<i>90-185</i>	<i>22</i>						<i>50%</i>	
20	<i>88</i>	<i>91-186</i>	<i>23</i>						<i>50%</i>	
21	<i>89</i>	<i>92-187</i>	<i>24</i>		<i>1</i>				<i>50%</i>	
22	<i>90</i>	<i>93-188</i>	<i>25</i>						<i>50%</i>	
23	<i>91</i>	<i>94-189</i>	<i>26</i>						<i>50%</i>	
24	<i>92</i>	<i>95-190</i>	<i>27</i>			<i>427</i>			<i>50%</i>	<i>E.O.T #427, TAPE MKTS.</i>
25	<i>93</i>	<i>96-191</i>	<i>28</i>		<i>WINDstrip</i>	<i>428</i>			<i>72Db</i>	<i>B.O.T #428, 900 10sec ALL ONES.</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> </i>			
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-V1100'S</i>	TYPE GEOPHONE <i>ETLDK23B</i>	FREQUENCY <i>7.542</i>	STATION INTERVAL <i>350'</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
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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>3-24-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy & WET</i>		LINE NO. <i>#1</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	137	93	96 - 191	28	5	<i>missed 3 sweeps</i> 428	OUT	IN	50%	
2	138	94	97 - 192	29	1				50%	
3	139	95	98 - 193	30					50%	
4	140	96	99 - 194	31					50%	
5	141	97	100 - 195	32					50%	
6	142	98	101 - 196	33					50%	
7	143	99	102 - 197	34					50%	
8	144	100	103 - 198	35					50%	
9	145	101	104 - 199	36					50%	
10	146	102	105 - 200	37					50%	
11	147	103	106 - 201	38					50%	
12	148	104	107 - 202	39					50%	
13	149	105	108 - 203	40		428			50%	<i>E.O.T # 428, TAPE MKTS.</i>
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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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 3-25-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Cloudy + WET		LINE NO. # 1

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	PULSE	1-6sec				429	OUT	IN		Recorder set at 172-173
2	FINT	2-11"								B.O.T #429, 900 10sec ALL ONES.
3	D.R.D	4-11"								5 Vib's 1st Vib NOSE 70' PAST FLAG. 2ND Vib NOSE 30' BEFORE FLAG. 100' SPACING 41.25 MOVE UP. 8 sweep
4	SUM test	2-11"								
5	N.R.S test	2-11"								
6	932 similarity	1-32sec	12	5						50%
7	150 windstrip	1-48sec	9							72Db
8	151 106	109-204	9	5						50%
9	152 107	110-205	10							50%
10	153 108	111-206	11							50%
11	154 109	112-207	12							50%
12	155 110	113-208	13		1					50%
13	156 111	114-209	14							50%
14	157 112	115-210	15							50%
15	158 113	116-211	16		1					50%
16	159 114	117-212	17							50%
17	160 115	118-213	18							50%
18	161 116	119-214	19			429				50%
19	162 117	120-215	20		windstrip	430				72Db
20	163 117	120-215	20							50%
21	164 118	121-216	21							50%
22	165 119	122-217	22							50%
23	166 120	123-218	23							50%
24	167 121	124-219	24							50%
25	168 122	125-220	25							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 X			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-1100's	TYPE GEOPHONE EHL DV22B	FREQUENCY 7.5HZ	STATION INTERVAL 330'
REMARKS 8ms SAMPLE RATE/48 sec Record Length			OBSERVER R. PATTON	PARTY MGR. M. RICHIE	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>3-25-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy & wet</i>		LINE NO. <i>#1</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	169	123	126-221	26	5	<i>MISSING SWEEP</i>	430	<i>OUT</i>	<i>IN</i>	50%	
2	170	124	127-222	27						50%	
3	171	125	128-223	28						50%	
4	172	126	129-224	29	1					50%	
5	173	127	130-225	30						50%	
6	174	128	131-226	31						50%	
7	175	129	132-227	32			430			50%	<i>EOT # 430 Tape MKTs</i>
8	176	130	133-228	33	<i>wind strip</i>		431			72db	<i>BOT # 431 #900 10 sec All ones.</i>
9	177	130	133-228	33						50%	
10	178	131	134-229	34						50%	
11	179	132	135-230	35						50%	
12	180	133	136-231	36	1					50%	
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.**

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 3-26-83
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CREW NO. 6834	TERRAIN Dirt Road	WEATHER partly cloudy	LINE NO. #1
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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				431	OUT	IN		Recorder SET AT 193-194
2	934/935	FINT								
3	936/939	DRD								5 Vibs 100' spacing 41.25' MAKE UP, 1st VIB'S NOSE
4	953/954	Sum TEST								70' PAST FLAG 2ND VIB'S NOSE 30' PAST FLAG. 8' SWEEP.
5	960/961	NRT TEST								
6	932	Similarity	8	5						50%
7	181	windstrip	16							72db
8	182	134	137-232	16	5					50%
9	183	135	138-233	17						50%
10	184	136	139-234	18						50%
11	185	137	140-235	19						50%
12	186	138	141-236	20						50%
13	187	139	142-237	21		431				50% E.D.T #431, TAPE MKTS
14	188	140	143-238	22	windstrip	432				72db B.D.T #432, 900 10sec #11 ONES.
15	189	140	143-238	22						50%
16	190	141	144-239	23						50%
17	191	142	145-240	24						50%
18	192	143	146-241	25						50%
19	193	144	147-242	26						50%
20	194	145	148-243	27						50%
21	195	146	149-244	28						50%
22	196	147	150-245	29						50%
23	197	148	151-246	30						50%
24	198	149	152-247	31	1					50%
25	199	150	153-248	32						50%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8-32Hz/32sec	SWEEP PATTERN See Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN X
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GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y1100's	TYPE GEOPHONE E14 DV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'	LINE DIR. 1 TO 24 NW → SE
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REMARKS 8ms sample rate/48sec Record Length	OBSERVER B. PATTON, M. Richey	PARTY MGR. L. DAVIS
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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>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>Pershing</i>	DATE <i>3-26-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy</i>		LINE NO. <i>#1</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	200	151	154-249	33	5	<i>missed sweep</i> 432	OUT	IN	50%	
2	201	152	155-250	34	1	432			50%	<i>E.O.T # 432, TAPE MKTS</i>
3	202	153	156-251	35	<i>windstip</i>	433			72%	<i>B.O.T # 4.33, 900 10sec ALL ONES.</i>
4	203	153	156-251	35					50%	
5	204	154	157-252	36					50%	
6	205	155	158-253	37					50%	
7	206	156	159-254	38					50%	
8	207	157	160-255	39					50%	
9	208	158	161-256	40					50%	
10	209	159	162-257	41					50%	
11	210	160	163-258	42					50%	
12	211	161	164-259	43					50%	
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.**

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 3-28-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy	LINE NO. # 1	

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				433	DILT	IN		Recorder set At 212-213
2	934	EINT								
3	935	D.R.D								5 Vibs, 1st Vibs nose 70' Past Flag, 2nd Vibs nose 30' Past Flag, 100' spacing 4.25 move up, 8 sweep.
4	936	sum test								
5	937	NRS test								
6	932	SIMILANTX	15	5		433			50%	E.O.T*433, TAPE MKTS
7	212	WINDSTRIP	25			434			72Db	B.O.T*434, 900 10sec ALL ONES.
8	213	162	25	5	1				50%	
9	214	163	26						50%	
10	215	164	27						50%	
11	216	165	28						50%	
12	217	166	29						50%	
13	218	167	30						50%	
14	219	168	31						50%	
15	220	169	32						50%	
16	221	170	33						50%	
17	222	171	34						50%	
18	223	172	35						50%	
19	224	173	36						50%	
20	225	174	37			434			50%	E.O.T*434, TAPE MKTS
21	226	175	38			435	WINDSTRIP		72Db	B.O.T*435, 900 10sec ALL ONES.
22	227	175	38						50%	
23	228	176	39						50%	
24	229	177	40						50%	
25	230	178	41						50%	NOTE: Blast on sweep #6, File #230.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32Hz/32sec	SWEEP PATTERN See Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN X	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y1100's	TYPE GEOPHONE ETLDV22R	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms sample RATE/48sec Record Length	OBSERVER R. PATTON, M. Richey	PARTY MGR. L. DAVIS	LINE DIR. 1 TO 24 NW → SE		

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

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CLIENT COCORP	AREA Nevada	STATE Nevada	COUNTY Perishing	DATE 3-28-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy	LINE NO. #1	

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	231	179	182-277	42	5	435	435	OUT	IN	50%	
2	232	180	183-278	43						50%	
3	233	181	184-279	44						50%	
4	234	182	185-280	45						50%	
5	235	183	186-281	46						50%	
6	236	184	187-282	47						50%	
7	237	185	188-283	48						50%	
8	238	186	189-284	49		435				50%	E.O.T #435, TAPE MKTS
9	239	187	190-285	20	windstrip	436				72%	B.O.T #436, 900 LOSS AN ONES. Recorder moved up at
10	240	187	190-285	20						50%	STA # 242-243.
11	241	188	191-286	21						50%	
12	242	189	192-287	22						50%	
13	243	190	193-288	23						50%	got Blast on sweep #5 File # 243.
14	244	191	194-289	24						50%	
15	245	192	195-290	25						50%	
16	246	193	196-291	26	1					50%	
17	247	194	197-292	27						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
REMARKS			OBSERVER		PARTY MGR.

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

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CLIENT <i>COLOPP</i>	AREA <i>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>Pershing</i>	DATE <i>3-29-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy & light RAIN</i>		LINE NO. # <i>1</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60~	AMP	
1	<i>PULSE</i>	<i>1-6sec</i>			<i>missed sweep</i>	<i>436</i>	<i>DILT</i>	<i>IN</i>		<i>Recorder set at 269-270</i>
2	<i>EINT</i>	<i>2-''''</i>								
3	<i>D.R.D</i>	<i>4-''''</i>								<i>5 Vibs, 1 vibs nose 70' past flag 2nd Nibs nose</i>
4	<i>sum test</i>	<i>2-''''</i>								<i>30' past flag 100' spacing 41.25 move up 8 sweep</i>
5	<i>N.R.S</i>	<i>2-''''</i>								
6	<i>Similarity</i>	<i>1-32sec</i>	<i>239</i>			<i>436</i>			<i>50%</i>	<i>E.O.T #436, TAPE MKTS</i>
7	<i>WINDSTIP</i>	<i>1-48sec</i>	<i>1</i>			<i>437</i>			<i>72DB</i>	<i>B.O.T #437, 900 usec ALL ONES</i>
8	<i>195</i>	<i>198-293</i>	<i>1</i>						<i>50%</i>	<i>NOTE: Recorder set up in the dry lake, light RAIN on line</i>
9	<i>196</i>	<i>199-294</i>	<i>2</i>						<i>50%</i>	<i>NOTE: C.D.P OFF BY ONE, ON File # 250.</i>
10	<i>197</i>	<i>200-295</i>	<i>3</i>						<i>50%</i>	<i>Starting to RAIN Harder.</i>
11	<i>198</i>	<i>201-296</i>	<i>4</i>						<i>50%</i>	<i>standing BY Due to RAIN</i>
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8-32Hz/32sec</i>		SWEEP PATTERN <i>See Remarks</i>		SWEEPS PER PATTERN <i>8</i>	
SWEEP PATTERNS PER SETUP <i>1</i>		PATCH PATTERN <i> X </i>			
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-Y1100's</i>	TYPE GEOPHONE <i>ETLDV22B</i>	FREQUENCY <i>7.5Hz</i>	STATION INTERVAL <i>330'</i>
REMARKS <i>8ms sample rate / 48sec Record Length</i>			OBSERVER <i>R. Patton, M. Ricker</i>	PARTY MGR. <i>J. DAVIS</i>	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 3-30-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER partly cloudy & windy		LINE NO. 1

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			7115700 Sajago	437	OUT	IN		Recorder set at 272-273
2	934 EINT	2-''''								
3	936 D.R.D	4-''''								5 Vibs, 1st Vibs nose 70' Past Flag 2nd Vibs nose 30' Past Flag, 41.25 MAKE UP 100' spacing 8 SWEEP.
4	935 SUM test	2-''''								
5	940 N.P.S test	2-''''								
6	932 SIMILARITY	1-32sec	7	5					50%	
7	253 Wind strip	1-48sec	2						66%	NOTE: WINDS ARE BLOWING AT 15-25 M.P.H. GUST TO 30 M.P.H.
8	254 199	202-297	2	5					50%	
9	255 200	203-298	3						50%	
10	256 201	204-299	4						50%	
11	257 202	205-300	5						50%	
12	258 203	206-301	6						50%	
13	259 204	207-302	7		1	437			50%	E.O.T #437, TAPE MKTS
14	260 205	208-303	8		WINDSTRIP	438			66%	P.O.T #438, 900 10sec 111ONES.
15	261 205	208-303	8						50%	
16	262 206	209-304	9						50%	
17	263 207	210-305	10						50%	NOTE: WINDS ARE BLOWING AT 12-18 M.P.H.
18	264 208	211-306	11						50%	
19	265 209	212-307	12						50%	
20	266 210	213-308	13						50%	
21	267 211	214-309	14						50%	
22	268 212	215-310	15						50%	
23	269 213	216-311	16						50%	NOTE: WINDS ARE 18-20 M.P.H steady.
24	270 214	217-312	17						50%	
25	271 215	218-313	18						50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8 32Hz / 32sec	SWEEP PATTERN see Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN x
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-V1100's	TYPE GEOPHONE E+LDV22B	FREQUENCY 7.5 Hz
REMARKS 8ms SAMPLE RATE / 48sec Record Length		OBSERVER B. PATTON, M. Richey	STATION INTERVAL 3.30'	LINE DIR. I TO 24 NW-SE

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>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>3-30-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>partly cloudy + windy</i>		LINE NO. <i>#1</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	272	216	219-314	19	5	<i>missed sweeps</i> 438	OUT	IN	50%	
2	273	217	220-315	20		438			50%	<i>E.D.T #438, TAPE MKTS.</i>
3	274	218	221-316	21	<i>windstrip</i>	439			72Db	<i>B.D.T #439, 900/sec #1ONES</i>
4	275	218	221-316	21					50%	
5	276	219	222-317	22					50%	
6	277	220	223-318	23					50%	<i>NOTE: WINDS ARE 15 M.P.H, steady.</i>
7	SKIP	221	224-319	24	4				SKIP	<i>Due to cross country.</i>
8	278	222	225-320	25					50%	<i>Vib #25874 Down, INSTRUMENT Problems.</i>
9	279	223	226-321	26					50%	
10	280	224	227-322	27					50%	
11	281	225	228-323	28					50%	
12	282	226	229-324	29					50%	
13	283	227	230-325	30					50%	
14	284	228	231-326	31					50%	
15	285	229	232-327	32					50%	
16	286	230	233-328	33					50%	
17	287	231	234-329	34		439			50%	<i>F.O.T #439, TAPE MKTS</i>
18	288	232	235-330	35	<i>windstrip</i>	440			66Db	<i>B.D.T #440, 900/sec #1ONES.</i>
19	289	232	235-330	35	5				50%	<i>Vib #25874 BACK ON LINE.</i>
20	290	233	236-331	36					50%	
21	291	234	237-332	37					50%	
22	292	235	238-333	38					50%	
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY		SWEEP PATTERN	SWEEPS PER PATTERN	SWEEP PATTERNS PER SETUP	PATCH PATTERN
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT COCORP	AREA Nevada	STATE NEVADA	COUNTY Pershing	DATE 4-4-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy	LINE NO. #1	

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	PULSE	1-6sec			1/15sec Sweep	440	OUT	IN		Recorder set at 310-311
2	EINT	2- " "								
3	D.R.D	4- " "								5 Vibs, 1st Vibs NOSE 70' PAST FLAG, 2ND Vibs NOSE 30' PAST FLAG, 41.25 MOVE UP 100' SPRING SWEEP # 8.
4	SUM test	2- " "								
5	N.R.S test	2- " "								
6	932 SIMILARITY	1-32sec	836	5						50%
7	293 WINDSTRIP	1-48sec	1							66Db
8	294 236	239-334	1	5						50%
9	295 237	240-335	2							50%
10	296 238	241-336	3							50%
11	SKIP 239	242-337	4							SKIP Due to cross country.
12	297 240	243-338	5							50%
13	298 241	244-339	6							50%
14	299 242	245-340	7			440				50% F.O.T #440, TAPE MKTS
15	300 243	246-341	8		WINDSTRIP	441				66Db B.O.T #441, 90010sec ALLONES.
16	301 243	246-341	8							50%
17	302 244	247-342	9							50%
18	303 245	248-343	10							50%
19	304 246	249-344	11							50%
20	305 247	250-345	12							50%
21	306 248	251-346	13							50%
22	307 249	252-347	14							50% NOTE: SNOWING + light RAIN ON BACK OF LINE.
23	308 250	253-348	15							50%
24	309 251	254-349	16							50%
25	310 252	255-350	17							50% WINDS ARE BLOWING AT 24-26 M.P.H.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-32Hz/32sec	SWEEP PATTERN see Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN x	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y1100's	TYPE GEOPHONE E7LDV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms SAMPLE RATE/48sec Record Length	OBSERVER R. PATTON M. RICHER	PARTY MGR. J. DAVIS	LINE DIR. 1 TO 24 NW-SE		

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

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Geosource Inc. 20

CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>Pershing</i>	DATE <i>4-4-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy + snowing + windy</i>		LINE NO. # <i>1</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	253	256-351	18	5	missed	441	OUT	IN	50%	
2	254	257-352	19		1				50%	
3	255	258-353	20			441			50%	E.O.T # 441, TAPE MKT
4	256	259-354	21	windstrip		442			66db	B.O.T # 442, 900 10sec ALLOWES.
5	256	259-354	21						50%	
6	257	260-355	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
REMARKS			OBSERVER	PARTY MGR.	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

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Division
Geosource Inc.

CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>4-5-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear + WINDY</i>		LINE NO. <i>#1</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	336	274	277-372	19	5	345 443	OUT	IN	50%	
2	337	275	278-373	20					50%	
3	338	276	279-374	21					50%	
4	339	277	280-375	22		443			50%	E.O.T #443, TAPE MKTS
5	340	278	281-376	23	WINDstrip	444			66Db	B.O.T #444, 900 10sec ALL ONES.
6	341	278	281-376	23					50%	
7	342	279	282-377	24					50%	
8	343	280	283-378	25					50%	
9	344	281	284-379	26					50%	
10	345	282	285-380	27					50%	
11	346	283	286-381	28					50%	
12	347	284	287-382	29	1				50%	
13	348	285	288-383	30					50%	
14	349	286	289-384	31					50%	
15	350	287	290-385	32					50%	
16	351	288	291-386	33					50%	
17	352	289	292-387	34	1				50%	
18	353	290	293-388	35		444			50%	E.O.T #444, TAPE MKTS
19	354	291	294-389	36	WINDstrip	445			66Db	B.O.T #445, 900 10sec ALL ONES.
20	355	291	294-389	36					50%	
21	356	292	295-390	37					50%	
22	357	293	296-391	38					50%	
23	358	294	297-392	39					50%	
24	359	295	298-393	40	1				50%	
25	360	296	299-394	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.

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CLIENT <i>COLORP</i>	AREA <i>Nevada</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>4-5-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>1</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	297	300 - 395	42	5	30 30	445	OUT	IN	50%	
2	298	301 - 396	43						50%	
3	299	302 - 397	44						50%	
4	300	303 - 398	45						50%	
5	301	304 - 399	46						50%	
6	302	305 - 400	47						50%	
7	303	306 - 401	48			445			50%	E.D. #445, TAPE MKTS.
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.

24

CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>4-6-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. # <i>1</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	<i>PULSE</i>	<i>1-6sec</i>			<i>missed sweep</i>	<i>446</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 378-379</i>
2	<i>EINT</i>	<i>2-"</i>								<i>B.O.T #446, 900 10sec ALLONES.</i>
3	<i>D.R.D</i>	<i>4-"</i>								<i>5 Vibs 100' spacing 41.25 MOVE UP, 1st Vibs NOSE</i>
4	<i>sum-test</i>	<i>2-"</i>								<i>70' PAST FLAG 2ND Vibs NOSE 30' BEFORE FLAG. 8 sweep.</i>
5	<i>N.R.S</i>	<i>2-"</i>								
6	<i>similarity</i>	<i>1-32sec</i>	<i>236</i>	<i>5</i>					<i>50%</i>	
7	<i>windstrip</i>	<i>1-48sec</i>	<i>1</i>						<i>66db</i>	
8	<i>304</i>	<i>307-402</i>	<i>1</i>	<i>4</i>					<i>50%</i>	<i>Vib #23652 Down, Replacing oil rings on mass</i>
9	<i>305</i>	<i>308-403</i>	<i>2</i>						<i>50%</i>	
10	<i>306</i>	<i>309-404</i>	<i>3</i>						<i>50%</i>	<i>NOTE: WINDS ARE BLOWING AT 12-14 M.P.H.</i>
11	<i>307</i>	<i>310-405</i>	<i>4</i>						<i>50%</i>	
12	<i>308</i>	<i>311-406</i>	<i>5</i>						<i>50%</i>	
13	<i>309</i>	<i>312-407</i>	<i>6</i>						<i>50%</i>	
14	<i>310</i>	<i>313-408</i>	<i>7</i>						<i>50%</i>	
15	<i>311</i>	<i>314-409</i>	<i>8</i>						<i>50%</i>	
16	<i>312</i>	<i>315-410</i>	<i>9</i>						<i>50%</i>	
17	<i>313</i>	<i>316-411</i>	<i>10</i>						<i>50%</i>	
18	<i>314</i>	<i>317-412</i>	<i>11</i>			<i>446</i>			<i>50%</i>	<i>E.O.T #446, TAPE MKTS</i>
19	<i>315</i>	<i>318-413</i>	<i>12</i>	<i>windstrip</i>		<i>447</i>			<i>66db</i>	<i>B.O.T #447, 900 10sec ALLONES.</i>
20	<i>315</i>	<i>318-413</i>	<i>12</i>						<i>50%</i>	
21	<i>316</i>	<i>319-414</i>	<i>13</i>						<i>50%</i>	
22	<i>317</i>	<i>320-415</i>	<i>14</i>						<i>50%</i>	
23	<i>318</i>	<i>321-416</i>	<i>15</i>						<i>50%</i>	
24	<i>319</i>	<i>322-417</i>	<i>16</i>						<i>50%</i>	
25	<i>320</i>	<i>323-418</i>	<i>17</i>						<i>50%</i>	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8-32Hz/32sec</i>		SWEEP PATTERN <i>see Remarks</i>		SWEEPS PER PATTERN <i>8</i>	
SWEEP PATTERNS PER SETUP <i>1</i>		PATCH PATTERN <i> x </i>			
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-V1100's</i>	TYPE GEOPHONE <i>F4DV22B</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>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>Pershing</i>	DATE <i>4-6-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. # <i>1</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	387	324-419	18	4	<i>missed sweep</i>	447	OUT	IN	50%	
2	388	325-420	19						50%	
3	389	326-421	20						50%	
4	390	327-422	21						50%	
5	391	328-423	22						50%	
6	392	329-424	23						50%	
7	393	330-425	24			447			50%	E.O.T #447, TAPE MKTS
8	394	331-426	25	<i>wind strip</i>		448			66%	R.O.T #448, 900 10sec ALL ONES
9	395	331-426	25						50%	
10	396	332-427	26						50%	
11	397	333-428	27						50%	
12	398	334-429	28						50%	
13	399	335-430	29						50%	
14	400	336-431	30						50%	
15	401	337-432	31						50%	
16	402	338-433	32	5					50%	Vib #23652 BACK ON LINE.
17	403	339-434	33						50%	got Blast on sweep #4 File #402.
18	404	340-435	34						50%	
19	405	341-436	35						50%	
20	406	342-437	36						50%	
21	407	343-438	37			448			50%	E.O.T #448 TAPE MKTS.
22	408	344-439	38	<i>wind strip</i>		449			72%	B.O.T #449 *900 10 sec ALL ONES
23	409	344-439	38		1				50%	
24	410	345-440	39						50%	
25	411	346-441	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 26
Division
Geosource Inc.

CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 4-6-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear	LINE NO. 1	

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	344	347-442	41	5		449	OUT	IN	50%	
2	345	348-443	42						50%	
3	346	349-444	43						50%	
4	347	350-445	44						50%	
5	348	351-446	45						50%	
6	349	352-447	46						50%	
7	350	353-448	47						50%	
8	351	354-449	48			449			50%	E.O.#449, TAPE MKTS.
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.**

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 4-7-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER clear	LINE NO. 1	

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	Pulse	1 - 6 sec			Missed Sweep	450	OUT	IN		B.O. #450, 900 10sec All ones
2	EINT	2 - " "								Recorder set at 426-427
3	DRD	4 - " "								5 Vibs, 100' spacing, 41.25 move up. 1st Vibs nose 70'
4	Sum TEST	2 - " "								PAST FLAG, 2ND VIBS NOSE 30' BEFORE FLAG.
5	NRJ TEST	2 - " "								
6	Similarity	1 - 32 sec	42	5					50%	
7	wind strip	1 - 48 sec	1						72Db	
8	352	355-450	1	5					50%	
9	353	356-451	2						50%	
10	354	357-452	3						50%	NOTE, Dump ON 1st sweep, File #423.
11	354	357-452	3						50%	NOTE, Dump ON 2nd sweep, File #424.
12	354	357-452	3						50%	NOTE, Dump ON 4 sweep, File #425.
13	354	357-452	3						50%	NOTE Dump ON 8 sweep, File #426.
14	355	358-453	4						50%	
15	356	359-454	5		1				50%	
16	357	360-455	6						50%	
17	358	361-456	7			450			50%	EOT # 450 Tape MKTs
18	359	362-457	8	wind strip		451			72Db	Bot # 451 * 900 10sec All ones
19	359	362-457	8		1				50%	
20	360	363-458	9						50%	
21	361	364-459	10						50%	
22	362	365-460	11						50%	
23	363	366-461	12						50%	
24	364	367-462	13						50%	
25	365	368-463	14						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 X			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y 1100's	TYPE GEOPHONE ETLEV 22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8 ms sample rate / 48 sec. Record Length			OBSERVER R. Patten	PARTY MGR. M. Richey	LINE DIR. 1 TO 24 NW → SE

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 4-7-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear	LINE NO. 1	

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	439	366	369-464	15	5	missed Sweep	451	OUT	IN	50%	
2	440	367	370-465	16						50%	
3	441	368	371-466	17						50%	
4	442	369	372-467	18						50%	
5	443	370	373-468	19						50%	
6	444	371	374-469	20			451			50%	E.O.T #451, TAPE
7	445	372	375-470	21	windstrip		452			72db	B.O.T #452, 900/sec ALL ONES.
8	446	372	375-470	21						50%	
9	447	373	376-471	22						50%	
10	448	374	377-472	23						50%	
11	449	375	378-473	24						50%	
12	450	376	379-474	25						50%	
13	451	377	380-475	26						50%	
14	452	378	381-476	27						50%	
15	453	379	382-477	28						50%	
16	454	380	383-478	29						50%	
17	455	381	384-479	30						50%	
18	456	382	385-480	31						50%	
19	457	383	386-481	32						50%	
20	458	384	387-482	33			452			50%	E.O.T #452, TAPE MAKES
21	459	385	388-483	34	windstrip		453			72db	B.O.T #453, 900/sec ALL ONES.
22	460	385	388-483	34						50%	
23	461	386	389-484	35						50%	
24	462	387	390-485	36						50%	
25	463	388	391-486	37						50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY	SWEEP PATTERN	SWEEPS PER PATTERN	SWEEP PATTERNS PER SETUP	PATCH PATTERN	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

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CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>Perishing</i>	DATE <i>4-7-85</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Partly cloudy</i>		LINE NO. <i>1</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	464	389	392-487	38	5	<i>Missed Sweep</i> 453	OUT	1K	50%	
2	465	390	393-488	39					50%	
3	466	391	394-489	40					50%	
4	467	392	395-490	41					50%	
5										
6										
7										
8										
9										
10										
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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 Nevada	STATE Nevada	COUNTY Pershing	DATE 4-8-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER clear	LINE NO. #1	

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			1/10 sweep	453	OUT	IN		Recorder set at 467-468
2	934 EINT	2-"								
3	935 D.R.D	4-"								
4	953/954 SUMTEST	2-"								5 Vibs, 100' spacing 41.25 move UP, 1st Vibs nose 70' Past Flag, 2nd Vibs nose 30' Before Flag, 8' sweep.
5	960/961 N.R.S	2-"								
6	932 SIMILARITY	1-32sec	12	5						50%
7	468 WINDSTRIP	1-48sec	1							72Db
8	469 393	396-491	1							50%
9	470 394	397-492	2		1	453				50% E.O.T #453 TAPE MKTS
10	471 395	398-493	3	windstrip		454				72Db B.O.T #454, 900 10sec ALL ONES.
11	472 395	398-493	3							50%
12	473 396	399-494	4							50%
13	474 397	400-495	5							50%
14	475 398	401-496	6							50%
15	476 399	402-497	7							50%
16	477 400	403-498	8							50%
17	478 401	404-499	9							50%
18	479 402	405-500	10							50%
19	480 403	406-501	11							50%
20	481 404	407-502	12							50%
21	482 405	408-503	13							50%
22	483 406	409-504	14		1					50%
23	484 407	410-505	15			454				50% E.O.T #454 Tape MKTS
24	485 408	411-506	16	wind strip		455				72Db B.O.T #455 #900 10sec ALL ONES.
25	486 408	411-506	16		1					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-Y1100's	TYPE GEOPHONE E+LDV22R	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms SAMPLE RATE/48sec Record Length	OBSERVER R. PATTON, M. Richey	PARTY MGR. L. DAVIS	LINE DIR. 1 TO 24 NW7SE		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 4-8-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear + Windy		LINE NO. 1

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	487	412-507	17	5		455	OUT	IN	50%	
2	488	413-508	18						50%	
3	489	414-509	19						50%	Wind Blowing steady At 13 M.P.H.
4	490	415-510	20						50%	
5	491	416-511	21						50%	
6	492	417-512	22						50%	
7	493	418-513	23						50%	
8	494	419-514	24						50%	
9	495	420-515	25						50%	
10	496	421-516	26						50%	
11	497	422-517	27						50%	
12	498	423-518	28			455			50%	End # 455 Tape MKTs.
13	499	424-519	29	wind strip		456			72db	Bot # 456 * 900 10sec All ones.
14	500	424-519	29						50%	
15	501	425-520	30						50%	Wind picking up on Front of Line.
16	502	426-521	31						50%	
17	503	427-522	32						50%	
18	504	428-523	33						50%	
19	SKIP	429-524	34						SKIP	Due to Rough TERRAIN.
20	505	430-525	35						50%	Stacked Last half.
21	506	431-526	36						50%	
22	507	432-527	37						50%	Stacked Last half.
23	508	433-528	38						50%	
24	509	434-529	39						50%	
25	SKIP	435-530	40						SKIP	Due to Road CONDITIONS

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 NEVADA	STATE NEVADA	COUNTY Pershing	DATE 4-8-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Clear + windy		LINE NO. 1

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	510	433	436-531	41	4	456	OUT	IN	50%	Vib #25865 Down, Replacing Fuel Filter.
2	511	434	437-532	42					50%	
3	512	435	438-533	43	5	456			50%	Vib #25865 BACK ON LINE. E.O.T #456, TAPE MKTS.
4	513	436	439-534	44	wind strip	457			72Db	B.O.T #457, 900 10sec ALL ONES.
5	514	436	439-534	44					50%	
6	515	437	440-535	45					50%	
7	516	438	441-536	46					50%	
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. 33

CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy	DATE 4-11-83
LINE NO. 1			

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	Pulse	1 - 6 sec			missed sweep	457	OUT	IN		Recorder set at 513-514
2	934/935	EINT								
3	936/939	D.R.D.								4 Vib's 100' spacing, 1st Vib's nose 20' past flag.
4	953/954	Sum test								2nd Vib nose 80' before flag. 8 sweep, 41.25 wave up.
5	960/961	N.R.J. TEST.								
6	932	Similarity	12	4					50%	Vib # 25865 DOWN, due to mass problems. LVDT.
7	517	Wind strip	1						72Db	
8	518	439	1	4					50%	
9	519	440	2						50%	
10	520	441	3						50%	
11	521	442	4						50%	
12	522	443	5						50%	
13	523	444	6						50%	
14	524	445	7			457			50%	E.D.T*457, TAPE MKTS
15	525	446	8		wind strip	458			72Db	B.D.T*458, 900 loss ALL ONES.
16	526	446	8						50%	
17	527	447	9						50%	
18	528	448	10						50%	
19	529	449	11						50%	
20	530	450	12						50%	NOTE: light snow begin to fall at front of line.
21	531	451	13						50%	
22	532	452	14						50%	
23	533	453	15						50%	
24	534	454	16						50%	
25	535	455	17						50%	BLAST ON SWEEP #2, file #535.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 32 Hz / 32 sec	SWEEP PATTERN See Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN x	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-V 1100's	TYPE GEOPHONE ETLEV 22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 8 ms Sample Rate / 48 sec Record Length	OBSERVER R. Patton	PARTY MGR. M. Richey	L. Davis		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>4-11-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy</i>	LINE NO. <i>#1</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	456	459-554	18	4	<i>missed sweep</i>	458	OUT	IN	50%	NOTE: WINDS ARE BLOWING 12 M.P.H.
2	SKIP	460-555	19						50%	Due to Road condition.
3	458	461-556	20						50%	
4	459	462-557	21			458			50%	E.O.T #458, TAPE MKTS
5	460	463-558	22		<i>windstrip</i>	459			72db	R.O.T #459, 900 10sec ALL ONES.
6	460	463-558	22						50%	
7	461	464-559	23						50%	
8	462	465-560	24						50%	
9	463	466-561	25						50%	
10	464	467-562	26		1				50%	
11	465	468-563	27	5					50%	Vib #25865 BACK ON LINE, took a similarity along line.
12	466	469-564	28						50%	
13	467	470-565	29						50%	
14	468	471-566	30						50%	
15	469	472-567	31						50%	
16	470	473-568	32						50%	
17	471	474-569	33						50%	
18	472	475-570	34			459			50%	E.O.T #459, TAPE MKTS
19	473	476-571	35		<i>windstrip</i>	460			72db	R.O.T #460, 900 10sec ALL ONES.
20	473	476-571	35						50%	
21	474	477-572	36						50%	
22	475	478-573	37						50%	
23	476	479-574	38						50%	
24	477	480-575	39						50%	
25	478	481-576	40						50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY	SWEEP PATTERN	SWEEPS PER PATTERN	SWEEP PATTERNS PER SETUP	PATCH PATTERN	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS	OBSERVER		PARTY MGR.		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT <i>COCORP</i>		AREA <i>Nevada</i>		STATE <i>Nevada</i>		COUNTY <i>Pershing</i>		DATE <i>4-12-83</i>			
CREW NO. <i>6834</i>		TERRAIN <i>Dirt Road</i>		WEATHER <i>partly cloudy</i>				LINE NO. <i>#1</i>			
REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS	
							LOCUT	60 ~	AMP		
1	<i>PULSE</i>	<i>1-6sec</i>				<i>460</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 553-554</i>	
2	<i>FINT</i>	<i>2-11"</i>									
3	<i>DRD</i>	<i>4-11"</i>									
4	<i>sumtest</i>	<i>2-11"</i>								<i>5 Vibs, 1st Vib nose 70' Past Flag, 2nd Vibs nose 30' Before Flag, 100' spacing, 41.25 move up, 8 sweep.</i>	
5	<i>N.R.S</i>	<i>2-11"</i>									
6	<i>similarity</i>	<i>1-32sec</i>	<i>12</i>	<i>5</i>					<i>50%</i>		
7	<i>windstrip</i>	<i>1-48sec</i>	<i>1</i>						<i>72db</i>		
8	<i>479</i>	<i>482-577</i>	<i>1</i>	<i>5</i>					<i>50%</i>		
9	<i>480</i>	<i>483-578</i>	<i>2</i>		<i>1</i>				<i>50%</i>		
10	<i>481</i>	<i>484-579</i>	<i>3</i>		<i>1</i>				<i>50%</i>		
11	<i>482</i>	<i>485-580</i>	<i>4</i>			<i>460</i>			<i>50%</i>	<i>E.O.T #460, TAPE MKTS</i>	
12	<i>483</i>	<i>486-581</i>	<i>5</i>	<i>windstrip</i>		<i>461</i>			<i>72db</i>	<i>B.O.T #461, 900 10sec all ones.</i>	
13	<i>483</i>	<i>486-581</i>	<i>5</i>		<i>11</i>				<i>50%</i>		
14	<i>484</i>	<i>487-582</i>	<i>6</i>		<i>1</i>				<i>50%</i>		
15	<i>485</i>	<i>488-583</i>	<i>7</i>						<i>50%</i>	<i>Recorder moved BACK Between sta #546-547, Due to Vibs not receiving clear tones.</i>	
16	<i>486</i>	<i>489-584</i>	<i>15</i>						<i>50%</i>		
17	<i>487</i>	<i>490-585</i>	<i>16</i>						<i>50%</i>		
18	<i>488</i>	<i>491-586</i>	<i>17</i>						<i>50%</i>		
19	<i>489</i>	<i>492-587</i>	<i>18</i>						<i>50%</i>		
20	<i>490</i>	<i>493-588</i>	<i>19</i>						<i>50%</i>		
21	<i>491</i>	<i>494-589</i>	<i>20</i>						<i>50%</i>		
22	<i>492</i>	<i>495-590</i>	<i>21</i>						<i>50%</i>		
23	<i>493</i>	<i>496-591</i>	<i>22</i>						<i>50%</i>	<i>NOTE: Light snow falling along line.</i>	
24	<i>494</i>	<i>497-592</i>	<i>23</i>						<i>50%</i>		
25	<i>495</i>	<i>498-593</i>	<i>24</i>			<i>461</i>			<i>50%</i>	<i>E.O.T #461, TAPE MKTS.</i>	
TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE			TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.
SWEEP FREQUENCY <i>8 > 32Hz / 32sec</i>		SWEEP PATTERN <i>see Remarks</i>		SWEEPS PER PATTERN <i>8</i>		SWEEP PATTERNS PER SETUP <i>1</i>		PATCH PATTERN <i> x </i>			
GEOPHONES PER PATCH <i>24</i>		NO. OF RECORDING PATCHES <i>96</i>		TYPE VIBRATOR <i>5-1100's</i>		TYPE GEOPHONE <i>ETLEV 22B</i>		FREQUENCY <i>7.5 Hz</i>		STATION INTERVAL <i>330'</i>	
REMARKS <i>8ms sample rate / 48sec Record Length</i>		OBSERVER <i>R. Patton, M. Richer</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>Nevada</i>		STATE <i>NEVADA</i>		COUNTY <i>Pershing</i>		DATE <i>4-12-83</i>			
CREW NO. <i>6834</i>		TERRAIN <i>Dirt Road</i>		WEATHER <i>cloudy + light snow</i>				LINE NO. # <i>1</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	579	496	499-594	25	windstrip	462	OUT	IN	720b	B.O.T #462, 900 10sec ALL ONES.	
2	580	496	499-594	25	5				50%		
3	581	497	500-595	26					50%		
4	582	498	501-596	27					50%		
5	583	499	502-597	28					50%		
6	584	500	503-598	29					50%		
7	585	501	504-599	30					50%		
8	586	502	505-600	31					50%		
9	587	503	506-601	32					50%	NOTE: WINDS ARE BLOWING AT 15-17 M.P.H.	
10	588	504	507-602	33					50%		
11	589	505	508-603	34					50%		
12	590	506	509-604	35	1				50%		
13	591	507	510-605	36					50%		
14	592	508	511-606	37		462			50%	E.O.T #462, TAPE MKTS	
15	593	509	512-607	38	windstrip	463			720b	B.O.T #463, 900 10sec ALL ONES.	
16	594	509	512-607	38					50%		
17	595	510	513-608	39					50%		
18	596	511	514-609	40					50%		
19	597	512	515-610	41					50%		
20	598	513	516-611	42					50%		
21	599	514	517-612	43					50%		
22	600	515	518-613	44					50%		
23	601	516	519-614	45					50%		
24	602	517	520-615	46	1				50%		
25	603	518	521-616	47	1				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 **37**
Division
Geosource Inc.

CLIENT GOCORP	AREA Nevada	STATE Nevada	COUNTY Pershing	DATE 4-12-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy		LINE NO. # 1

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	519	522-617	48	5	<i>missed sweep</i>	463	OUT	IN	50%	
2	520	523-618	49			463			50%	E.O.T #463, TAPE MKTS
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	
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>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>Pershing</i>	DATE <i>4-13-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>	LINE NO. <i>#1</i>	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	missed sweep	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	<i>PULSE</i>	<i>1-6sec</i>				<i>464</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 587-588.</i>
2	<i>EINT</i>	<i>2- " "</i>								<i>B.O.T #464, 900 10sec ALL ONES.</i>
3	<i>D.RID</i>	<i>4- " "</i>								<i>5 Vibs, 1st Vibs NOSE 70' PAST FLAG, 2ND Vibs NOSE</i>
4	<i>sumtest</i>	<i>2- " "</i>								<i>30' Before FLAG, 100' SPACING, 41.25 MOVE UP, 8 SWEEP.</i>
5	<i>N.R.T</i>	<i>2- " "</i>								<i>4 Vibs, 1st Vibs NOSE 20' PAST FLAG, 2ND Vibs NOSE 80'</i>
6	<i>SIMILARITY</i>	<i>1-32sec</i>	<i>6</i>	<i>5</i>					<i>50%</i>	<i>Before FLAG, 100' SPACING, 41.25 MOVE UP, 8 SWEEP</i>
7	<i>WINDSTRIP</i>	<i>1-48sec</i>	<i>9</i>						<i>72Db</i>	
8	<i>521</i>	<i>524-619</i>	<i>9</i>	<i>4</i>					<i>50%</i>	<i>Vib #17311 DOWN, Replacing FOUR WAY VALVE, that</i>
9	<i>522</i>	<i>525-620</i>	<i>10</i>						<i>50%</i>	<i>control the mass.</i>
10	<i>523</i>	<i>526-621</i>	<i>11</i>						<i>50%</i>	
11	<i>524</i>	<i>527-622</i>	<i>12</i>						<i>50%</i>	
12	<i>525</i>	<i>528-623</i>	<i>13</i>						<i>50%</i>	
13	<i>526</i>	<i>529-624</i>	<i>14</i>						<i>50%</i>	
14	<i>527</i>	<i>530-625</i>	<i>15</i>						<i>50%</i>	
15	<i>528</i>	<i>531-626</i>	<i>16</i>						<i>50%</i>	
16	<i>529</i>	<i>532-627</i>	<i>17</i>						<i>50%</i>	
17	<i>530</i>	<i>533-628</i>	<i>18</i>						<i>50%</i>	
18	<i>531</i>	<i>534-629</i>	<i>19</i>			<i>464</i>			<i>50%</i>	<i>E.O.T #464, TAPE MKTS</i>
19	<i>532</i>	<i>535-630</i>	<i>20</i>	<i>windstrip</i>		<i>465</i>			<i>72Db</i>	<i>B.O.T #465, 900 10sec ALL ONES</i>
20	<i>532</i>	<i>535-630</i>	<i>20</i>						<i>50%</i>	
21	<i>533</i>	<i>536-631</i>	<i>21</i>						<i>50%</i>	
22	<i>534</i>	<i>537-632</i>	<i>22</i>						<i>50%</i>	
23	<i>535</i>	<i>538-633</i>	<i>23</i>						<i>50%</i>	
24	<i>536</i>	<i>539-634</i>	<i>24</i>						<i>50%</i>	
25	<i>537</i>	<i>540-635</i>	<i>25</i>						<i>50%</i>	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8-32Hz/32sec</i>		SWEEP PATTERN <i>see Remarks</i>	SWEEPS PER PATTERN <i>8</i>	SWEEP PATTERNS PER SETUP <i>1</i>	PATCH PATTERN <i> X </i>
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-V1100'S</i>	TYPE GEOPHONE <i>FTLEV22B</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>Nevada</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>4-13-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#1</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	625	538	541-636	26	4	<i>1735 and 361-4075</i> 465	<i>OUT</i>	<i>IN</i>	50%	
2	626	539	542-637	27					50%	
3	627	540	543-638	28					50%	
4	628	541	544-639	29					50%	
5	629	542	545-640	30					50%	
6	630	543	546-641	31	5				50%	<i>Vib #17311 BACK ON LINE.</i>
7	631	544	547-642	32		465			50%	<i>E.O.T #465, TAPE MKTS</i>
8	632	545	548-643	33	<i>windstrip</i>	466			72Db	<i>B.O.T #466, 900 I/Osec ALL ONES</i>
9	633	545	548-643	33					50%	
10	634	546	549-644	34					50%	
11	635	547	550-645	35					50%	
12	636	548	551-646	36					50%	
13	637	549	552-647	37					50%	
14	638	550	553-648	38					50%	
15	639	551	554-649	39					50%	
16	640	552	555-650	40					50%	
17	641	553	556-651	41					50%	
18	642	554	557-652	42					50%	
19	643	555	558-653	43					50%	
20	644	556	559-654	44					50%	
21	645	557	560-655	45		466			50%	<i>E.O.T #466, TAPE MKTS</i>
22	646	558	561-656	29	<i>windstrip</i>	467			72Db	<i>B.O.T #467, 900 I/Osec ALL ONES. Recorder moved up between</i>
23	647	558	561-656	29					50%	<i>STA #604-605.</i>
24	648	559	562-657	30					50%	
25	649	560	563-658	31					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.

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CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>4-13-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LME. NO. <i>#1</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	561	564-659	32	5	200	467	OUT	IN	50%	
2	562	565-660	33						50%	
3	563	566-661	34						50%	
4	564	567-662	35						50%	
5	565	568-663	36						50%	
6	566	569-664	37						50%	
7	567	570-665	38						50%	
8	568	571-666	39						50%	
9	569	572-667	40						50%	EOT # 467 Tape mKts File # 659.
10	570	573-668	41			467			50%	NOTE: STA # 668-669 OPEN, Due to HI-WAY, AND
11	571	574-669	42	wind strip		468			72Db	STA # 670-671 OPEN Due to Rail Road tracks.
12	571	574-669	42						50%	BOT # 468 # 900 10 sec All ones.
13	572	575-670	43						50%	
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE		TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.	
SWEEP FREQUENCY			SWEEP PATTERN		SWEEPS PER PATTERN		SWEEP PATTERNS PER SETUP		PATCH PATTERN		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL	
REMARKS		OBSERVER				PARTY MGR.					

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>Pershing</i>	DATE <i>4-14-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#1</i>

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	682	590	593-688	18	5		469	OUT	W	50%	
2	683	591	594-689	19		1				50%	
3	684	592	595-690	20			469			50%	E.O.+469, TAPE MKTS
4	685	593	596-691	21	windstrip		470			72Db	R.O.+470, 900 10sec HILONES
5	686	593	596-691	21						50%	
6	687	594	597-692	22						50%	
7	688	595	598-693	23						50%	
8	689	596	599-694	24		1				50%	NOTE: WINDS ARE BLOWING AT 15-20 M.P.H.
9	690	597	600-695	25						50%	NOTE: STA#694-695 CABLE CROSSING BLACK TOP.
10	691	598	601-696	26						50%	
11	692	599	602-697	27						50%	
12	693	600	603-698	28						50%	
13	694	601	604-699	29						50%	
14	695	602	605-700	30						50%	
15	696	603	606-701	31						50%	
16	697	604	607-702	32						50%	
17	698	605	608-703	33			470			50%	E.O.+#470, TAPE MKTS
18	699	606	609-704	34	windstrip		471			72Db	R.O.T.#471, 900 10sec HILONES, NO Load Point.
19	700	606	609-704	34						50%	
20	701	607	610-705	35						50%	
21	702	608	611-706	36		1				50%	stacked 1st HALF
22	SKIP	609	612-707	37						SKIP	Due to High Pressure GAS PIPELINE.
23	SKIP	610	613-708	38						SKIP	" " " " " " " "
24	703	611	614-709	39						50%	
25	704	612	615-710	40						50%	

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY	SWEEP PATTERN	SWEEPS PER PATTERN	SWEEP PATTERNS PER SETUP	PATCH PATTERN	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
REMARKS			OBSERVER	PARTY MGR.	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>4-14-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>clear</i>		LINE NO. <i>#1</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	705	613	616-711	41	5	<i>missed sweep</i> 471	OUT	IN	50%	
2	706	614	617-712	42					50%	
3	707	615	618-713	43					50%	
4	708	616	619-714	44					50%	
5	709	617	620-715	45					50%	
6	710	618	621-716	46					50%	
7	711	619	622-717	47					50%	
8	712	620	623-718	48		471			50%	<i>E.D.T#471, TAPE MKT</i>
9	713	621	624-719	35	<i>windstrip</i>	472			720%	<i>B.D.T#472, 900 10sec ALL ONES. Recorder moved UP</i>
10	714	621	624-719	35					50%	<i>Between STA#661-662.</i>
11	715	622	625-720	36					50%	
12	716	623	626-721	37					50%	
13	717	624	627-722	38					50%	
14	718	625	628-723	39					50%	
15	719	626	629-724	40					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>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>Pershing</i>	DATE <i>4-15-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>partly cloudy</i>		LINE NO. <i>#1</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	738	644	647-742	18	5	missed 473	OUT	IN	50%	E.O.T #473, TAPE MKTS
2	739	645	648-743	19	windstrip	474			72Db	B.O.T #474, 900 10sec ALL ONES.
3	740	645	648-743	19					50%	
4	741	646	649-744	20					50%	
5	742	647	650-745	21					50%	
6	743	648	651-746	22					50%	
7	744	649	652-747	23					50%	NOTE: AIRPLANE FLYING OVER LINE.
8	745	650	653-748	24					50%	BLAST ON SWEEP #7, File #745.
9	746	651	654-749	25					50%	
10	747	652	655-750	26					50%	
11	748	653	656-751	27					50%	
12	749	654	657-752	28					50%	
13	750	655	658-753	29					50%	
14	751	656	659-754	30					50%	
15	752	657	660-755	31		474			50%	E.O.T #474, TAPE MKTS
16	753	658	661-756	32	windstrip	475			72Db	B.O.T #475, 900 10sec ALL ONES.
17	754	658	661-756	32					50%	
18	755	659	662-757	33					50%	
19	756	660	663-758	34					50%	
20	757	661	664-759	35					50%	
21	758	662	665-760	36	1				50%	
22	759	663	666-761	37					50%	
23	760	664	667-762	38					50%	
24	761	665	668-763	39					50%	TRAIN ALONG LINE, NOISY
25	762	666	669-764	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. 46

CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>4-15-83</i>
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CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>partly cloudy</i>	LINE NO. <i>1</i>
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REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60~	AMP	
1	667	670-765	41	5	<i>missed 30 sweep</i>	475	OUT	IN	20%	Vibs IN low Drive, stacked 1st HALF.
2										Vibs SKIP STA*668-673, Due to HI-WAY 80, AND
3										Rail Road tracks, and CROSS country.
4										EOT # 475 TAPE MKTs.
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
Division
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>Pershing</i>	DATE <i>4-18-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy</i>		LINE NO. <i>#1</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	<i>PULSE</i>	<i>1-6sec</i>				<i>477</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 748-749</i>
2	<i>EINT</i>	<i>2- " "</i>								
3	<i>D.R.D</i>	<i>4- " "</i>								<i>5 Vibs, 100' spacing, 41.25 move up, 1st vib nose 70'</i>
4	<i>sumtest</i>	<i>2- " "</i>								<i>past flag, 2nd vib nose 30' before flag.</i>
5	<i>N.R.S</i>	<i>2- " "</i>								<i>NOTE: cable crossing black top, sta# 686-687, 694-695.</i>
6	<i>similarity</i>	<i>1-32sec</i>	<i>236</i>	<i>5</i>						<i>50% NOTE: Power lines run along line, very noisy.</i>
7	<i>windstrip</i>	<i>1-48sec</i>	<i>1</i>							<i>66dB NOTE: irrigation ditch runs along line, very noisy</i>
8	<i>674</i>	<i>677-772</i>	<i>1</i>	<i>5</i>						<i>50%</i>
9	<i>675</i>	<i>678-773</i>	<i>2</i>							<i>50% NOTE: Picking up noise from tractor around sta# 773-774,</i>
10	<i>676</i>	<i>679-774</i>	<i>3</i>							<i>50% AND sta# 752-753.</i>
11	<i>677</i>	<i>680-775</i>	<i>4</i>							<i>50%</i>
12	<i>678</i>	<i>681-776</i>	<i>5</i>							<i>50%</i>
13	<i>SKIP</i>	<i>679</i>	<i>682-777</i>	<i>6</i>						<i>SKIP Due to road condition</i>
14	<i>SKIP</i>	<i>680</i>	<i>683-778</i>	<i>7</i>						<i>SKIP " " " "</i>
15	<i>SKIP</i>	<i>681</i>	<i>684-779</i>	<i>8</i>						<i>SKIP Due to very soft road condition</i>
16	<i>770</i>	<i>682</i>	<i>685-780</i>	<i>9</i>						<i>50% stacked last half.</i>
17	<i>771</i>	<i>683</i>	<i>686-781</i>	<i>10</i>						<i>50%</i>
18	<i>772</i>	<i>684</i>	<i>687-782</i>	<i>11</i>						<i>50%</i>
19	<i>773</i>	<i>685</i>	<i>688-783</i>	<i>12</i>						<i>50%</i>
20	<i>774</i>	<i>686</i>	<i>689-784</i>	<i>13</i>		<i>477</i>				<i>50% E.O.+*477, TAPE MKTS</i>
21	<i>775</i>	<i>687</i>	<i>690-785</i>	<i>14</i>	<i>windstrip</i>	<i>478</i>				<i>66dB R.O.+*478, 900 10sec all ones.</i>
22	<i>776</i>	<i>687</i>	<i>690-785</i>	<i>14</i>						<i>50%</i>
23	<i>777</i>	<i>688</i>	<i>691-786</i>	<i>15</i>						<i>50% Vibs moved onto dirt road, very soft ground.</i>
24	<i>778</i>	<i>689</i>	<i>692-787</i>	<i>16</i>						<i>50%</i>
25	<i>779</i>	<i>690</i>	<i>693-788</i>	<i>17</i>						<i>50%</i>

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8332Hz/32sec</i>		SWEEP PATTERN <i>See Remarks</i>		SWEEPS PER PATTERN <i>8</i>	
SWEEP PATTERNS PER SETUP <i>1</i>		PATCH PATTERN <i> x </i>			
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-Y1100's</i>	TYPE GEOPHONE <i>ETLEV22B</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>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>Pershing</i>	DATE <i>4-18-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy + windy</i>		LINE NO. # <i>1</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	missed sweep	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	780	691	694 - 789	18	5	478	OUT	IN	50%	WINDS ARE BLOWING AT 14-16 MPH.
2	781	692	695 - 790	19					50%	
3	782	693	696 - 791	20					50%	
4	783	694	697 - 792	21					50%	Vibs ARE GOING BACK ON good ROAD.
5	784	695	698 - 793	22					50%	
6	785	696	699 - 794	23					50%	
7	786	697	700 - 795	24	1				50%	
8	787	698	701 - 796	25					50%	NOTE: OFFSET V.P., 150' west OF GEOPHONE.
9	SKIP	699	702 - 797	26					SKIP	Due to intersection.
10	788	700	703 - 798	27		478			50%	E.O.T #478, TAPE MKTS
11	789	701	704 - 799	28	windstrip	479			50%	B.O.T #479, 900 10sec ALL ONES.
12	790	701	704 - 799	28					50%	
13	791	702	705 - 800	29					50%	
14	792	703	706 - 801	30					50%	
15	793	704	707 - 802	31					50%	
16	794	705	708 - 803	32					50%	
17	795	706	709 - 804	33					50%	
18	796	707	710 - 805	34					50%	NOTE: STA # 805 - 806 OPEN Due to RIVER.
19	797	708	711 - 806	35					50%	
20	798	709	712 - 807	36					50%	
21	799	710	713 - 808	37					50%	
22	800	711	714 - 809	38					50%	
23	801	712	715 - 810	39					50%	
24	802	713	716 - 811	40		479			50%	EOT # 479 Tape MKTS
25	803	714	717 - 812	41	wind strip	480			60db	BOT # 480 *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.**

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 4-18-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Partly Cloudy + Windy		LINE NO. 1

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	80 ~	AMP	
1	804	717-812	41	5	1	480	out	IN	50%	
2	805	718-813	42						50%	
3	806	719-814	43						50%	
4	807	720-815	44						50%	
5	808	721-816	45						50%	
6	809	722-817	46						50%	
7	810	723-818	47						50%	
8	811	724-819	48						50%	
9	812	725-820	49		1				50%	
10	813	726-821	40						50%	NOTE: Recorder moved up at STA# 758-759.
11	814	727-822	41						50%	
12	SKIP	728-823	42						SKIP	
13	SKIP	729-824	43						SKIP	
14	815	730-825	44						50%	
15	816	731-826	45			480			20%	Vibs went to Low Drive, Due to WATERLINE.
16	SKIP	732-827	46			SKIP			SKIP	Due to WATERLINE. E.O.T#480, TAPE MKTS.
17	817	733-828	47		WINDSTRIP	481			72db	B.O.T#481, 900 10sec ALL ONES
18	818	733-828	47		1				50%	
19	819	734-829	48						50%	
20	820	735-830	49						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		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 Nevada	STATE NEVADA	COUNTY Pershing
CREW NO. 6834	TERRAIN Dirt Road	WEATHER partly cloudy	LINE NO. #1

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1	PULSE	1-6sec				481	OUT	IN		Recorder set at 807-808
2	EINT	2-'' ''								
3	D.R.D	4-'' ''								
4	sum test	2-'' ''								5 Vibs, 100' spacing, 41.25 move up, 1st Vibs nose 70' past flag, 2nd Vib nose 30' before flag. 8 sweep.
5	N.R.J	2-'' ''								Cable crossing RIVER AT STA* 805-806, OPEN.
6	similarity	1-32sec	236	5					50%	NOTE: Cable crossing Road sta* 760-761.
7	WINDstrip	1-48sec	1						60db	NOTE: Power lines run along line up to sta 761.
8	733	736-831	1	5					50%	
9	734	737-832	2						50%	
10	735	738-833	3						50%	
11	736	739-834	4						50%	
12	737	740-835	5						50%	
13	738	741-836	6						50%	BLAST ON the 8th Sweep #, File# 827.
14	739	742-837	7			481			50%	E.O.T* 481, TAPE MKTS
15	740	743-838	8			482			60db	B.O.T* 482, 90010sec ALL ONES.
16	740	743-838	8						50%	
17	741	744-839	9						50%	
18	742	745-840	10						50%	
19	743	746-841	11						20%	Vibs went to Low Drive, 20%
20	SKIP	744	12						SKIP	Due to Houses
21	SKIP	745	13						SKIP	" " "
22	SKIP	746	14						SKIP	" " "
23	747	750-845	15						20%	Low Drive, 20%
24	748	751-846	16						50%	BACK IN High Drive
25	749	752-847	17						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 X			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y1100'S	TYPE GEOPHONE ETLEV22B	FREQUENCY 7.5HZ	STATION INTERVAL 330'
REMARKS 8ms Sample Rate / 48sec Record Length			OBSERVER R. PATTON M. Richey	PARTY MGR. L. DAVIS	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

Exploration Services Division
Geosource Inc. 51

CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 4-19-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Partly cloudy		LINE NO. 1

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	Missed Sweeps	TAPE RL.NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	AMP	
1	837	750	753 - 848	18	5	482	OUT	IN	50%	
2	838	751	754 - 849	19					50%	
3	839	752	755 - 850	20					50%	
4	840	753	756 - 851	21					50%	
5	841	754	757 - 852	22					50%	
6	842	755	758 - 853	23		482			50%	EOT # 482 Tape MKTs
7	843	756	759 - 854	24	wind strip	483			60db	BOT # 483 *900 10 sec All ones.
8	844	756	759 - 854	24	1				20%	stacked 1st half low drive.
9	SKIP	757	760 - 855	25					SKIP	
10	SKIP	758	761 - 856	26					SKIP	
11	845	759	762 - 857	27					20%	
12	SKIP	760	763 - 858	28					SKIP	Due to house
13	SKIP	761	764 - 859	29					SKIP	Due to house's + water lines.
14	SKIP	762	765 - 860	30					SKIP	" " " " "
15	846	763	766 - 861	31					50%	stacked last half.
16	847	764	767 - 862	32					50%	
17	848	765	768 - 863	33					50%	
18	849	766	769 - 864	34					50%	
19	850	767	770 - 865	35					50%	
20	851	768	771 - 866	36					50%	
21	852	769	772 - 867	37					50%	
22	853	770	773 - 868	38					50%	
23	854	771	774 - 869	39					50%	
24	855	772	775 - 870	40					50%	
25	856	773	776 - 871	41		483			50%	EOT # 483 Tape MKTs

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 52
Division
Geosource Inc.

CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Pershing	DATE 4-19-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER Partly Cloudy		LINE NO. 1

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	857	774	777-872	42	wind strip	484	OUT	IN	66db	BOT # 484 # 900 10sec All ones.
2	858	774	777-872	42					50%	
3	859	775	778-873	43					50%	
4	860	776	779-874	44					50%	
5	SKIP	777	780-875	45					SKIP	Due to water lines.
6	SKIP	778	781-876	46					SKIP	" " " "
7	861	779	782-877	47					50%	
8	862	780	783-878	48					50%	
9	863	781	784-879	49					50%	
10										
11										
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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.**

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CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Perishing
CREW NO. 6834	TERRAIN Dirt Road	WEATHER cloudy	DATE 4-20-83

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 sweep	484	OUT	IN		Recorder SET AT 837-838
2	934/935 EINT	2 - " "								
3	936/937 D.R.D	4 - " "								5 Vibs, 1st Vibs NOSE 70' PAST FLAG, 2ND VIBS NOSE 30'
4	953/954 Sum TEST	2 - " "								Before FLAG, 100' spacing, 41.25 MOVE UP, 8 SWEEP.
5	960/961 N.R.J TEST	2 - " "								NOTE: STA #805-806 OPEN, DUE TO RIVER
6	932 Similarity	1 - 32 sec	21	5					50%	NOTE: tractors working along BACK OF LINE.
7	864 Windstrip	1 - 48 sec	20						66db	
8	865 782	785 - 880	20	5					50%	
9	866 783	786 - 881	21						50%	
10	867 784	787 - 882	22						50%	
11	868 785	788 - 883	23			484			50%	E.O. + #484, TAPE MKTS
12	869 786	789 - 884	24		Windstrip	485			66db	B.D. + #485, 900 LOS & ALL ONES.
13	870 786	789 - 884	24						50%	
14	871 787	790 - 885	25						50%	
15	872 788	791 - 886	26						50%	
16	873 789	792 - 887	27						50%	
17	874 790	793 - 888	28						50%	
18	875 791	794 - 889	29						50%	
19	876 792	795 - 890	30						50%	
20	877 793	796 - 891	31						50%	
21	878 794	797 - 892	32						50%	NOTE: light RAIN Begin to Fall.
22	879 795	798 - 893	33						50%	
23	880 796	799 - 894	34						50%	
24	881 797	800 - 895	35						50%	
25	882 798	801 - 896	36			485			50%	E.O. + #485, TAPE MKTS.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY 8-732Hz / 32 sec.	SWEEP PATTERN See Remarks	SWEEPS PER PATTERN 8	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN X
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 5-Y 1100's	TYPE GEOPHONE ETLEV 22B	FREQUENCY 7.5Hz
STATION INTERVAL 330'			LINE DIR. 1 TO 24 NW → SE	

REMARKS 8ms Sample Rate / 48 sec Record Length	OBSERVER R. Patten M. Richey	PARTY MGR. L. Davis
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SERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

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CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>4-20-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy + light RAIN</i>	LINE NO. <i>1</i>	

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS	
							LOCUT	60~	AMP		
1	SKIP	799	802-897	37	5	<i>missed sweep</i>		OUT	IN	SKIP	STA#799-806 SKIP Due to RIVER.
2	883	807	810-905	22			486			72db	B.O.T#486, 900 10sec ALL ONES.
3	884	807	810-905	22						50%	Recorder moved UP AT STA# 820-861.
4	885	808	811-906	23						50%	
5	886	809	812-907	24						50%	
6	887	810	813-908	25						50%	
7	888	811	814-909	26						50%	
8	889	812	815-910	27						50%	
9	890	813	816-911	28						50%	NOTE: thunderstorm in AREA, PICKING UP FLICKS
10	891	814	817-912	29						50%	
11	892	815	818-913	30						50%	
12	893	816	819-914	31						50%	
13	894	817	820-915	32						50%	
14	895	818	821-916	33						50%	
15	896	819	822-917	34			486			50%	E.O.T#486, TAPE MKTS
16	897	820	823-918	35		<i>windstrip</i>	487			66db	B.O.T#487, 900 10sec ALL ONES.
17	898	820	823-918	35						50%	
18	899	821	824-919	36						50%	
19	001	822	825-920	37						50%	NOTE: File Number is 001, Because all 900's ARE
20	002	823	826-921	38						50%	For testing.
21	003	824	827-922	39						50%	
22	004	825	828-923	40						50%	
23	005	826	829-924	41						50%	
24	006	827	830-925	42						50%	
25	007	828	831-926	43						50%	BLAST ON SWEEP #3, File # 007.

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 **55**
Division
Geosource Inc.

CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>4-20-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy</i>		LINE NO. <i>#1</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 <i>008</i>	<i>829</i>	<i>832-927</i>	<i>44</i>	<i>5</i>	<i>missed</i>	<i>487</i>	<i>OUT</i>	<i>IN</i>	<i>50%</i>	
2 <i>009</i>	<i>830</i>	<i>833-928</i>	<i>45</i>						<i>50%</i>	
3 <i>010</i>	<i>831</i>	<i>834-929</i>	<i>46</i>						<i>50%</i>	
4 <i>011</i>	<i>832</i>	<i>835-930</i>	<i>47</i>			<i>487</i>			<i>50%</i>	<i>EDT #487, TAPE MKTS</i>
5 <i>012</i>	<i>833</i>	<i>836-931</i>	<i>48</i>	<i>windstrip</i>		<i>488</i>			<i>66db</i>	<i>B.O.T #488, 900/10sec ALL ONES.</i>
6 <i>013</i>	<i>833</i>	<i>836-931</i>	<i>48</i>						<i>50%</i>	
7 <i>014</i>	<i>834</i>	<i>837-932</i>	<i>49</i>						<i>50%</i>	
8										
9										
10										
11										
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25										

TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE		TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.	
SWEEP FREQUENCY			SWEEP PATTERN		SWEEPS PER PATTERN		SWEEP PATTERNS PER SETUP		PATCH PATTERN		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL	
REMARKS		OBSERVER				PARTY MGR.					

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

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CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>4-21-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>Cloudy + WET.</i>		LINE NO. <i>22</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS
							LOCUT	60 ~	AMP	
1	<i>PULSE</i>	<i>1-6sec</i>			<i>missed sweep</i>	<i>488</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder SET UP AT 905-906</i>
2	<i>EINT</i>	<i>2- " "</i>								
3	<i>DIR.D</i>	<i>2- " "</i>								<i>5 Vibs, 100' spacing, 41.25 MOVE UP, 1st VIB NOSE 70' PAST FLAG, 2ND VIB NOSE 30' BEFORE FLAG.</i>
4	<i>sumtest</i>	<i>2- " "</i>								
5	<i>N.R.S</i>	<i>2- " "</i>								
6	<i>similarity</i>	<i>1-32sec</i>	<i>21</i>	<i>5</i>					<i>50%</i>	
7	<i>windstrip</i>	<i>1-48sec</i>	<i>6</i>						<i>66db</i>	<i>NOTE: thunderstorm IN AREA. Picking UP FLICKS</i>
8	<i>SKIP</i>	<i>835-933</i>	<i>6</i>						<i>SKIP</i>	<i>Due to cross country.</i>
9	<i>836</i>	<i>839-934</i>	<i>6</i>	<i>5</i>					<i>50%</i>	<i>NOTE: light RAIN ALONG LINE.</i>
10	<i>837</i>	<i>840-935</i>	<i>7</i>						<i>50%</i>	
11	<i>838</i>	<i>841-936</i>	<i>8</i>						<i>50%</i>	<i>NOTE: starting to RAIN, Harder. STANDING BY.</i>
12	<i>839</i>	<i>842-937</i>	<i>9</i>						<i>50%</i>	<i>NOTE: Going BACK TO WORK.</i>
13	<i>840</i>	<i>843-938</i>	<i>10</i>						<i>50%</i>	
14	<i>841</i>	<i>844-939</i>	<i>11</i>						<i>50%</i>	
15	<i>842</i>	<i>845-940</i>	<i>12</i>			<i>488</i>			<i>50%</i>	<i>E.O.T #488, TAPE MKTS</i>
16	<i>843</i>	<i>846-941</i>	<i>13</i>	<i>windstrip</i>		<i>489</i>			<i>66db</i>	<i>B.O.T #489, 900 10sec ALLOWES.</i>
17	<i>843</i>	<i>846-941</i>	<i>13</i>						<i>50%</i>	
18	<i>844</i>	<i>847-942</i>	<i>14</i>						<i>50%</i>	<i>NOTE: thunderstorms BACK IN AREA, light RAIN ALONG LINE.</i>
19	<i>845</i>	<i>848-943</i>	<i>15</i>		<i>1</i>				<i>50%</i>	
20	<i>846</i>	<i>849-944</i>	<i>16</i>						<i>50%</i>	<i>NOTE: starting to RAIN HARDER ON BACK OF LINE.</i>
21	<i>847</i>	<i>850-945</i>	<i>17</i>						<i>50%</i>	<i>NOTE: RAINS Picking, High WINDS, MORE thunderstorm moving IN, STOPPING FOR the DAY.</i>
22										
23										
24										
25										

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> / & / </i>
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-VI100's</i>	TYPE GEOPHONE <i>ETLEY 22B</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 57
Division
Geosource Inc.**

CLIENT <i>COCORP</i>	AREA <i>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>Pershing</i>	DATE <i>4-22-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy + wet.</i>		LINE NO. <i>#1</i>

REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1 <i>933</i>	<i>PULSE</i>	<i>1-6sec</i>			<i>missed sweep</i>	<i>489</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set at 922-923</i>
2 <i>934</i>	<i>EINT</i>	<i>2-''''</i>								
3 <i>935</i>	<i>D.R.D</i>	<i>4-''''</i>								<i>5 Vibs, 100' spacing, 41.25 move up, 1st Vibs nose 70'</i>
4 <i>936</i>	<i>SUMTEST</i>	<i>2-''''</i>								<i>Past Flag, 2nd Vibs nose 30' before flag, 8 sweep</i>
5 <i>937</i>	<i>N.R.J.</i>	<i>2-''''</i>								
6 <i>932</i>	<i>SIMILARITY</i>	<i>1-32sec</i>	<i>237</i>	<i>5</i>					<i>50%</i>	
7 <i>029</i>	<i>WINDSTRIP</i>	<i>1-48sec</i>	<i>1</i>						<i>72%</i>	<i>NOTE: From STA#940 to the front of line is very wet,</i>
8 <i>030</i>	<i>848</i>	<i>851-946</i>	<i>1</i>	<i>5</i>					<i>50%</i>	<i>Picking up some leakage along line.</i>
9 <i>031</i>	<i>849</i>	<i>852-947</i>	<i>2</i>						<i>50%</i>	
10 <i>032</i>	<i>850</i>	<i>853-948</i>	<i>3</i>		<i>1</i>				<i>50%</i>	
11 <i>033</i>	<i>851</i>	<i>854-949</i>	<i>4</i>			<i>489</i>			<i>50%</i>	<i>E.O.T#489, TAPE MKTS</i>
12 <i>034</i>	<i>852</i>	<i>855-950</i>	<i>5</i>	<i>windstrip</i>		<i>490</i>			<i>72%</i>	<i>B.O.T#490, 900 10sec ALL ONES</i>
13 <i>035</i>	<i>852</i>	<i>855-950</i>	<i>5</i>						<i>50%</i>	
14 <i>036</i>	<i>853</i>	<i>856-951</i>	<i>6</i>						<i>30%</i>	<i>Vibs went to low drive, 30%, due to road condition</i>
15 <i>037</i>	<i>854</i>	<i>857-952</i>	<i>7</i>						<i>30%</i>	
16 <i>038</i>	<i>855</i>	<i>858-953</i>	<i>8</i>						<i>30%</i>	
17 <i>039</i>	<i>856</i>	<i>859-954</i>	<i>9</i>						<i>30%</i>	
18 <i>040</i>	<i>857</i>	<i>860-955</i>	<i>10</i>		<i>1</i>				<i>30%</i>	
19 <i>041</i>	<i>858</i>	<i>861-956</i>	<i>11</i>						<i>30%</i>	
20 <i>042</i>	<i>859</i>	<i>862-957</i>	<i>12</i>						<i>30%</i>	
21 <i>043</i>	<i>860</i>	<i>863-958</i>	<i>13</i>						<i>30%</i>	
22 <i>044</i>	<i>861</i>	<i>864-959</i>	<i>14</i>						<i>30%</i>	
23 <i>045</i>	<i>862</i>	<i>865-960</i>	<i>15</i>						<i>30%</i>	
24 <i>046</i>	<i>863</i>	<i>866-961</i>	<i>16</i>			<i>490</i>			<i>30%</i>	<i>E.O.T#490, TAPE MKTS.</i>
25 <i>047</i>	<i>864</i>	<i>867-962</i>	<i>17</i>	<i>windstrip</i>		<i>491</i>			<i>72%</i>	<i>R.O.T#491, 900 10sec ALL ONES</i>

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8.332 Hz / 32sec</i>	SWEEP PATTERN <i>See REMARKS</i>	SWEEPS PER PATTERN <i>8</i>	SWEEP PATTERNS PER SETUP <i>1</i>	PATCH PATTERN <i> </i>	
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-V1100'S</i>	TYPE GEOPHONE <i>ETLEY 22B</i>	FREQUENCY <i>7.5 Hz</i>	STATION INTERVAL <i>330'</i>
REMARKS <i>8ms SAMPLE RATE / 48sec Record Length</i>	OBSERVER <i>R. Patton, M. Richey</i>	PARTY MGR. <i>L. DAVIS</i>	LINE DIR. <i>1 TO 24 NW-7SE</i>		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division**
Geosource Inc.

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CLIENT <i>COCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>Pershing</i>	DATE <i>4-22-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy + WET</i>		LINE NO. <i>#1</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	048	864	867-962	17	5	MISSING 491	OUT	IN	30%	
2	049	865	868-963	18	1				30%	
3	050	866	869-964	19					30%	
4	051	867	870-965	20					30%	
5	052	868	871-966	21					30%	
6	053	869	872-967	22					30%	
7	SKIP	870	873-968	23					SKIP	Due to cross country.
8	054	871	874-969	24					30%	OFFSET V.P. 90' south of STA
9	055	872	875-970	25					30%	
10	056	873	876-971	26					30%	
11	057	874	877-972	27					30%	
12	058	875	878-973	28					30%	
13	059	876	879-974	29		491			30%	E.O.T #491, TAPE 12K+5
14	060	877	880-975	30	wind strip	492			72Db	B.O.T #492, 900 10sec ALL ONES.
15	061	877	880-975	30					30%	
16	062	878	881-976	31					30%	
17	063	879	882-977	32					30%	
18	064	880	883-978	33					30%	ENTERING Churchill country.
19	065	881	884-979	34					30%	
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>Nevada</i>	STATE <i>Nevada</i>	COUNTY <i>Churchill</i>	DATE <i>4-25-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy & wet</i>		LINE NO. # <i>1</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>492</i>	<i>DILT IN</i>			<i>Recorder SET UP AT 952-953</i>
2	<i>EINT</i>	<i>2-''''</i>								
3	<i>D.R.D</i>	<i>4-''''</i>								<i>5 Vibs, 100' spacing, 41.25 move up, 1st Vibs</i>
4	<i>SUM test</i>	<i>2-''''</i>								<i>Nose 70' PAST FLAG, 2ND Vibs NOSE 30' BEFORE FLAG</i>
5	<i>N.R.J</i>	<i>2-''''</i>								<i>4 Vibs, 1st Vibs NOSE 20' PAST FLAG.</i>
6	<i>Similarity</i>	<i>1-32sec</i>	<i>235</i>	<i>4</i>					<i>50%</i>	<i>Vib *17311 Down, working ON Pad.</i>
7	<i>WIND strip</i>	<i>1-48sec</i>	<i>5</i>						<i>60%</i>	
8	<i>882</i>	<i>885-980</i>	<i>5</i>	<i>4</i>					<i>50%</i>	
9	<i>883</i>	<i>886-981</i>	<i>6</i>						<i>50%</i>	
10	<i>884</i>	<i>887-982</i>	<i>7</i>						<i>50%</i>	
11	<i>885</i>	<i>888-983</i>	<i>8</i>						<i>50%</i>	
12	<i>886</i>	<i>889-984</i>	<i>9</i>			<i>492</i>			<i>50%</i>	<i>E.O.T #492, TAPE MKTS</i>
13	<i>887</i>	<i>890-985</i>	<i>10</i>	<i>WIND strip</i>		<i>493</i>			<i>60%</i>	<i>B.O.T #493, 900 10sec ALL ONES.</i>
14	<i>887</i>	<i>890-985</i>	<i>10</i>						<i>50%</i>	
15	<i>888</i>	<i>891-986</i>	<i>11</i>						<i>50%</i>	
16	<i>889</i>	<i>892-987</i>	<i>12</i>						<i>50%</i>	
17	<i>890</i>	<i>893-988</i>	<i>13</i>						<i>50%</i>	
18	<i>891</i>	<i>894-989</i>	<i>14</i>						<i>50%</i>	
19	<i>892</i>	<i>895-990</i>	<i>15</i>						<i>50%</i>	
20	<i>893</i>	<i>896-991</i>	<i>16</i>						<i>50%</i>	
21	<i>894</i>	<i>897-992</i>	<i>17</i>						<i>50%</i>	
22	<i>895</i>	<i>898-993</i>	<i>18</i>		<i>1</i>				<i>50%</i>	
23	<i>896</i>	<i>899-994</i>	<i>19</i>						<i>50%</i>	
24	<i>897</i>	<i>900-995</i>	<i>20</i>						<i>50%</i>	
25	<i>898</i>	<i>901-996</i>	<i>21</i>			<i>493</i>			<i>50%</i>	<i>E.O.T #493, TAPE MKTS</i>

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <i>8 32Hz / 32sec</i>		SWEEP PATTERN <i>See Remarks</i>		SWEEPS PER PATTERN <i>8</i>	
SWEEP PATTERNS PER SETUP <i>1</i>		PATCH PATTERN <i> X </i>			
GEOPHONES PER PATCH <i>24</i>	NO. OF RECORDING PATCHES <i>96</i>	TYPE VIBRATOR <i>5-1100's</i>	TYPE GEOPHONE <i>ETLEV22B</i>	FREQUENCY <i>7.5 Hz</i>	STATION INTERVAL <i>330'</i>
REMARKS <i>8ms Sample Rate / 48sec Record Length</i>			OBSERVER <i>T. Patton, M. Piker</i>	PARTY MGR. <i>L. DAVIS</i>	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division** 60
Geosource Inc.

CLIENT <i>GOCORP</i>	AREA <i>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>Churchill</i>	DATE <i>4-25-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>cloudy & WET</i>		LINE NO. <i>1</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	085	899	902-997	22	<i>windstrip</i>	494	OUT	IN	66%	<i>B.O.T # 494, 900 10sec ALL ONES</i>
2	086	899	902-997	22					50%	
3	087	900	903-998	23					50%	<i>NOTE: WINDS ARE BLOWING AT 15-20 M.P.H.</i>
4	088	901	904-999	24					50%	
5	089	902	905-1000	25					50%	
6	090	903	906-1001	26					50%	
7	091	904	907-1002	27					50%	
8	092	905	908-1003	28					50%	
9	093	906	909-1004	29					50%	
10	094	907	910-1005	30					50%	
11	095	908	911-1006	31					50%	
12	096	909	912-1007	32					50%	
13	097	910	913-1008	33					50%	
14	098	911	914-1009	34		494			50%	<i>E.O.T # 494, TAPE MKTS</i>
15	099	912	915-1010	35	<i>windstrip</i>	495			66%	<i>B.O.T # 495, 900 10sec ALL ONES</i>
16	100	912	915-1010	35					50%	
17	101	913	916-1011	36					50%	
18	102	914	917-1012	37					50%	
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 61
Division
Geosource Inc.

CLIENT COCORP	AREA NEVADA	STATE NEVADA	COUNTY Churchill	DATE 4-26-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER partly cloudy		LINE NO. #1

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	495	OUT	IN		Recorder SET UP AT 989-990
2	934 EINT	2- " "								
3	935 DRD	4- " "								4 Vibs, 1st Vibs nose 20' Past Flag, 2nd Vibs nose 80' Before Flag, 100' spacing, 4.25 move up, 8 sweep
4	936 SEMENTEST	2- " "								
5	937 N.R.J	2- " "								
6	932 SIMILARITY	1-32sec	235	4					50%	
7	103 WINDSTRIP	1-48sec	1						66%	NOTE: AIR PLANES OVER LINE, VERY NOIS.
8	104 915	918-1013	1	4					50%	
9	105 916	919-1014	2						50%	
10	106 917	920-1015	3						50%	
11	107 918	921-1016	4						50%	
12	108 919	922-1017	5						50%	
13	109 920	923-1018	6						50%	
14	110 921	924-1019	7			495			50%	E.O.T #495, TAPE MKTS
15	111 922	925-1020	8	WINDSTRIP		496			66%	B.O.T #496, 90010sec ALL ONES.
16	112 922	925-1020	8						50%	
17	113 923	926-1021	9						50%	
18	114 924	927-1022	10						50%	
19	115 925	928-1023	11						50%	
20	116 926	929-1024	12						50%	
21	117 927	930-1025	13						50%	
22	118 928	931-1026	14						50%	
23	119 929	932-1027	15						50%	
24	120 930	933-1028	16						50%	
25	121 931	934-1029	17						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-VIBROS	TYPE GEOPHONE E+LEV22B	FREQUENCY 7.5Hz	STATION INTERVAL 330'
REMARKS 8ms SAMPLE RATE/48sec Record Length			OBSERVER B. PATTON	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>NEVADA</i>	STATE <i>NEVADA</i>	COUNTY <i>Churchill</i>	DATE <i>4-26-83</i>
CREW NO. <i>6834</i>	TERRAIN <i>Dirt Road</i>	WEATHER <i>partly cloudy</i>		LINE NO. <i>#1</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	122	932	935-1030	18	4	<i>missed sweep</i> 496	<i>OUT</i>	<i>IN</i>	50%	
2	123	933	936-1031	19					50%	
3	124	934	937-1032	20		496			50%	<i>E.O.T #496, TAPE MKTS, BLAST ON SWEEP #8, File #124</i>
4	125	935	938-1033	21	<i>windstrip</i>	497			72db	<i>B.D.T #497, 900 10sec ALL ONES.</i>
5	126	935	938-1033	21					50%	
6	127	936	939-1034	22					50%	
7	128	937	940-1035	23					50%	
8	129	938	941-1036	24					50%	<i>BLAST ON SWEEP #7, File #129.</i>
9	130	939	942-1037	25					50%	
10	131	940	943-1038	26					50%	
11	132	941	944-1039	27					50%	
12	133	942	945-1040	28					50%	
13	134	943	946-1041	29					50%	
14	135	944	947-1042	30					50%	
15	136	945	948-1043	31					50%	
16	137	946	949-1044	32					50%	
17	138	947	950-1045	33		497			50%	<i>E.O.T #497, TAPE MKTS</i>
18	139	948	951-1046	34	<i>windstrip</i>	498			72db	<i>B.D.T #498, 900 10sec ALL ONES.</i>
19	140	948	951-1046	34					50%	
20	141	949	952-1047	35					50%	
21	142	950	953-1048	36					50%	
22	143	951	954-1049	37					50%	
23	SKIP	952	955-1050	38					SKIP	<i>Due to Very soft Road conditions, STA #952-961</i>
24										
25										

TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE		TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.	
SWEEP FREQUENCY			SWEEP PATTERN		SWEEPS PER PATTERN		SWEEP PATTERNS PER SETUP		PATCH PATTERN		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL	
REMARKS		OBSERVER				PARTY MGR.					

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

Exploration Services 63
Division
Geosource Inc.

CLIENT <i>COCORP</i>			AREA <i>Nevada</i>			STATE <i>NEVADA</i>		COUNTY <i>Churchill</i>		DATE <i>4-27-83</i>	
CREW NO. <i>6834</i>			TERRAIN <i>Dirt Road</i>			WEATHER <i>partly cloudy</i>			LINE NO. <i>01</i>		
REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	F I L T E R			REMARKS	
							LOCUT	60 ~	AMP		
1	<i>PULSE</i>	<i>1-6sec</i>			101.25	<i>498</i>	<i>OUT</i>	<i>IN</i>		<i>Recorder set AT 1012-1013</i>	
2	<i>EINT</i>	<i>2-11"</i>									
3	<i>D.R.D</i>	<i>4-11"</i>								<i>4 Vibs, 1st Vib NOSE 20' PAST FLAG, 2ND Vib NOSE 80' Before Flag, 100' spacing, 41.25 move UP.</i>	
4	<i>SUMtest</i>	<i>2-11"</i>									
5	<i>N.R.S</i>	<i>2-11"</i>									
6	<i>SIMILARITY</i>	<i>1-32sec</i>	<i>235</i>						<i>50%</i>		
7	<i>WINDstrip</i>	<i>1-48sec</i>	<i>26</i>						<i>72Db</i>	<i>NOTE: Jet Planes Flying OVER line</i>	
8	<i>SKIP 962</i>	<i>965-1060</i>	<i>25</i>						<i>50%</i>	<i>SKIP Due to Road conditions.</i>	
9	<i>963</i>	<i>966-1061</i>	<i>26</i>						<i>50%</i>		
10	<i>964</i>	<i>967-1062</i>	<i>27</i>						<i>50%</i>		
11	<i>965</i>	<i>968-1063</i>	<i>28</i>						<i>50%</i>		
12	<i>966</i>	<i>969-1064</i>	<i>29</i>						<i>50%</i>		
13	<i>967</i>	<i>970-1065</i>	<i>30</i>			<i>498</i>			<i>50%</i>	<i>E.D.+*498, TAPE MKTS</i>	
14	<i>968</i>	<i>971-1066</i>	<i>31</i>	<i>windstrip</i>		<i>499</i>			<i>72Db</i>	<i>B.D.+*499, 90010sec ALL ONES.</i>	
15	<i>968</i>	<i>971-1066</i>	<i>31</i>						<i>50%</i>		
16	<i>969</i>	<i>972-1067</i>	<i>32</i>						<i>50%</i>		
17	<i>970</i>	<i>973-1068</i>	<i>33</i>						<i>50%</i>		
18	<i>971</i>	<i>974-1069</i>	<i>34</i>						<i>50%</i>		
19	<i>972</i>	<i>975-1070</i>	<i>35</i>						<i>50%</i>		
20	<i>973</i>	<i>976-1071</i>	<i>36</i>						<i>50%</i>		
21	<i>974</i>	<i>977-1072</i>	<i>37</i>						<i>50%</i>		
22	<i>975</i>	<i>978-1073</i>	<i>38</i>						<i>50%</i>		
23	<i>976</i>	<i>979-1074</i>	<i>39</i>						<i>50%</i>		
24	<i>SKIP 977</i>	<i>980-1075</i>	<i>40</i>						<i>50%</i>	<i>Due to SOFT Road condition.</i>	
25	<i>978</i>	<i>981-1076</i>	<i>38</i>						<i>50%</i>	<i>Recorder moved UP AT STA# 1015-1016.</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-X1100's</i>		TYPE GEOPHONE <i>ETLEV22B</i>		FREQUENCY <i>7.5Hz</i>		STATION INTERVAL <i>330'</i>	
REMARKS <i>8ms Sample Rate / 48sec Record Length</i>		OBSERVER <i>B. PATTON, M. Richey</i>		PARTY MGR. <i>J. DAVIS</i>							

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

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CLIENT COCORP	AREA Nevada	STATE NEVADA	COUNTY Churchill	DATE 4-27-83
CREW NO. 6834	TERRAIN Dirt Road	WEATHER partly cloudy		LINE NO. # 1

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	979	982-1077	39	4	325	499	OUT	IN	50%	
2	980	983-1078	40						50%	
3	981	984-1079	41			499			50%	E.O.T #499, TAPE MKTS
4	982	985-1080	42	windstop		500			72%	B.O.T #500, 900 lose MILES.
5	982	985-1080	42						50%	
6	983	986-1081	43						50%	
7	984	987-1082	44						50%	
8	985	988-1083	45						50%	
9	986	989-1084	46						50%	
10	987	990-1085	47			500			50%	E.O.T #500, TAPE MKTS, F.O.L #1
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.		