

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 001

BINARY GAIN  
 FIXED GAIN

CDP FOLD 2400 90

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ.</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>5-7-77</u>
CREW NO. <u>404-48-02</u>	TERRAIN <u>Hard Road</u>	WEATHER <u>Partly Cloudy</u>	OBSERVER <u>M. Fleck C. Boldt</u>	PARTY MANAGER <u>R. Williamson</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION 24/48	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/16	3/16	7/20	2/24							
3	001	29-28	24 - 1	031	16	5								48				field trace 24 equals recorder trace 1
4	002	28-27	23 - 1	032	16	5								48				Stacked on first half - well
5		27-26	SKIP	-	WELL													
6	003	26-25	21 - 1	034	16	5								48				
7	004	25-24	20 - 1	035	16	5								48	18 <sup>46</sup>			END OF DAY

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE FEET _____ MILES _____	SUBSURFACE COVERAGE FEET _____ MILES _____	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278-023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10 - 32</u> HZ.	SWEEP TIME <u>24</u> sec	SWEEP PATTERN <u>5 vibs in line, 65' apart, moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>Mertz 10</u>	TYPE GEOPHONES <u>GSC 20d</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>E</u> No. 24 <u>W</u>	DIRECTION FIELD OPERATIONS <u>E → W</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0 - 1980'</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8 ms</u>	LOW CUT FILTERS <u>Out</u>	SLOPE _____	HIGH CUT FILTERS <u>31.25 Hz</u>	NOTCH FILTERS <u>(IN) (X)</u>	FINAL GAIN	

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

20081-01

TAPE REEL NO. 001-002

BINARY GAIN  
 FIXED GAIN

CDP FOLD 240070

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ.</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>5-11-77</u>							
CREW NO. <u>404-48-02</u>	TERRAIN <u>Dirt Road</u>	WEATHER <u>Cloudy</u>	OBSERVER <u>M. Fleck</u>	PARTY MANAGER <u>R. Williamson</u>							
DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB	RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB	RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
005		338 Test									Leave Town 12 <sup>00</sup> (Morning - Wet) field trace 19 equals recorder trace 1 Heavy Equipment working perpendicular to line, at UP 16
006		ADD-IT Test									
007-011		DRD									
012		Similarity									
1 013	24-23	19-11	036	16	5		48		13 <sup>33</sup>		
2 014	23-22	18-1	037								
3 015	22-21	17-1	038								
4 016	21-20	16-1	039								
5 017	20-19	15-1	040								
6 018	19-18	14-1	041								Stacked on first half, gully - vib drive around
											Change Tape 001 New Tape 002
7 019	18-17	13-1	042								Stacked on last half - gully, fence
8 020	17-16	12-1	043								
9 021	16-15	11-1	044								
10 022	15-14	10-1	045								
11 023	14-13	9-1	046								Stacked on first half - High Pressure Pipe Line
12 024	13-12	8-1	047								Stacked on last half - Pipe Line
13 025	12-11	7-1	048								
14 026	11-10	6-1	049								
15 027	10-9	5-1	050								
16 028	9-8	4-1	051								Change Tape 002
									19 <sup>00</sup>		END OF DAY

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE ____ FEET _____ MILES	SUBSURFACE COVERAGE ____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278-023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10-32</u> HZ.	SWEEP TIME <u>24 sec.</u>	SWEEP PATTERN <u>5 vibs in line, 65' apart, moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>Mertz 10</u>	TYPE GEOPHONES <u>GSC 20d</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>E</u> No. 24 <u>W</u>	DIRECTION FIELD OPERATIONS <u>E → W</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0-1980'</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>0ms</u>	LOW CUT FILTERS <u>out</u>	SLOPE	HIGH CUT FILTERS <u>31.25 Hz</u>	NOTCH FILTERS <u>(IN)</u>	FINAL GAIN	

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

20081-01  
New Tape  
TAPE REEL NO. 003-004

BINARY GAIN  
 FIXED GAIN

CDP FOLD 240030

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <i>Cornell Univ</i>	AREA <i>Coalinga</i>	STATE <i>California</i>	COUNTY <i>Fresno</i>	DATE <i>5-12-77</i>
CREW NO. <i>404-48-02</i>	TERRAIN <i>Roads</i>	WEATHER <i>Cloudy</i>	OBSERVER <i>M. Fleck</i>	PARTY MANAGER <i>R. Williamson</i>

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION 24/48	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/12	3/16	7/24	21/24							
029		338 Test															Leave Town 7 <sup>00</sup>	
030		ADD-IT Test																
031		Similarity		11, 12, 13, 14, 15, 16														
1	1-2	} SKIPS - NO PERMIT TO VIBRATE ON PAVED ROAD (VP's 1-6 very narrow)																
2	2-3																	
3	3-4																	
4	4-5																	
5	5-6																	
6	6-7																	
7	032 7-8	12 - 59	006	16	5							48	8 <sup>21</sup>			Stacked on last half - pipe line farmers working in fields, and irrigation being piped thru water lines → causing some noise - large motor pumping water around VP's 58-60		
8	033 8-9	13 - 60	007															
9	034 9-10	14 - 61	008															
10	035 10-11	15 - 62	009															
11	036 11-12	16 - 63	010															
12	037 12-13	17 - 64	011														Stacked on first half - pipe line	
13	038 13-14	18 - 65	012														Stacked on last half - pipe line	
14	039 14-15	19 - 66	013															
15	040 15-16	20 - 67	014															
16	041 16-17	21 - 68	015															
17	042 17-18	22 - 69	016														Change Tape 003 New Tape 004	
18	043 18-19	23 - 70	017														Stacked on first half - fence	
19	044 19-20	24 - 71	018														vib drive around gully	
20	045 20-21	25 - 72	019														Stacked on last half	
21	046 21-22	26 - 73	020															

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. 278-023	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY 10 - 32 HZ.	SWEEP TIME 24 sec.	SWEEP PATTERN 5 vibs in line, 65' apart, moving over 440'	SWEEP PATTERN PER SET-UP 1	TYPE VIBRATORS Mertz 10	TYPE GEOPHONES GSC 20d	FREQUENCY 8 HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <del>W</del> No. 24 <del>E</del> <del>W</del> → <del>E</del>	DIRECTION FIELD OPERATIONS <del>W</del> → <del>E</del>	STATION INTERVAL 440'	NUMBER RECORDING PATCHES 48	GEOPHONES PER PATCH 36	PATCH PATTERN in line over 660'	OFF SET DISTANCE 0 - 1980'	RELEASE RATE
PREAMP GAIN 27	SAMPLE RATE 8 ms	LOW CUT FILTERS out	SLOPE	HIGH CUT FILTERS 31.25 Hz	NOTCH FILTERS IN	FINAL GAIN	



OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 006-007

BINARY GAIN  
 FIXED GAIN

CDP FOLD 2400%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ.</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>5-13-77</u>
CREW NO. <u>404-48-02</u>	TERRAIN <u>Dirt Road</u>	WEATHER <u>Pt. Cloudy</u>	OBSERVER <u>M. Fleck</u>	PARTY MANAGER <u>R. Williamson</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/12	3/16	1/7	2/24							
062		338 Test															Leave Town 6 <sup>45</sup>	
063		ADD-IT Test															Engines running and water being pumped from VP 58-65	
064		Similarity															With 6 vibrators, the spacing goes to 55' between pads.	
1 065	37-38	42-89	236	16	6							48		8 <sup>43</sup>			Stacked on first half-house	
2 066	38-39	43-90	237														Stacked on first half - muddy road, have to drive vibrators around (due to irrigation)	
3 067	39-40	44-91	238														Stacked on first half - house	
4	40-41																Stacked on first half - pumping station	
5	41-42																Change Tape 006 New Tape 007	
6 068	42-43	47-94	001		5												Stacked on last half - Mud	
7 069	43-44	48-95	002		5												Stacked on first half - Pumping Station	
8 070	44-45	49-96	003		5												Stacked on first half - Pumping Station	
9 071	45-46	50-97	004														Stacked on first half - Pumping Station	
10 072	46-47	51-98	005														Water Pump running at VP's 98-99	
11 073	47-48	52-99	006														Stacked on first half - pipe line	
12 074	48-49	53-100	007														Stacked on last half	
13 075	49-50	54-101	008														Stacked on last half	
14 076	50-51	55-102	009														Stacked on last half	
15 077	51-52	56-103	010														Stacked on last half	
16 078	52-53	57-104	011														Stacked on last half	
17 079	53-54	58-105	012														Stacked on last half	
18 080	54-55	59-106	013														Stacked on first half - wells	
19	55-56																SKIPS - WELLS	
20	56-57																SKIPS - WELLS	
21 081	57-58	62-109	016														Stacked on last half	

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278-023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10-32</u> HZ.	SWEEP TIME <u>24 sec</u>	SWEEP PATTERN <u>5 vibs in line, 65' apart, moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>Mertz 10</u>	TYPE GEOPHONES <u>GSC 20d</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0-1980'</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8ms</u>	LOW CUT FILTERS <u>Out</u>	SLOPE	HIGH CUT FILTERS <u>31.25 Hz</u>	NOTCH FILTERS <u>(IN)</u>	FINAL GAIN	RELEASE RATE



OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 009-010

BINARY GAIN  
 FIXED GAIN

CDP FOLD 240090

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ.</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>5-14-77</u>
CREW NO. <u>404-48-02</u>	TERRAIN <u>Dirt Road</u>	WEATHER <u>Clear</u>	OBSERVER <u>M. Fleck</u>	PARTY MANAGER <u>R. Williamson</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB							RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/12	3/16	1/8	7/20	2/24					
093		338 Test															
094		ADD-IT TEST															
095		Similarity		11, 12, 13, 14, 15, 16													
1 096	77-78	82-129	240	16	5							48		8:44			
2 097	78-79	83-130	001														
3 098	79-80	84-131	002														
4 099	80-81	85-132	003														
5 100	81-82	86-133	004														
6 101	82-83	87-134	005														
7 102	83-84	88-135	006														
8 103	84-85	89-136	007														
9 104	85-86	90-137	008														
10 105	86-87	91-138	009														Stacked on first half - Hwy crossing
11	87-88	SKIP - buildings															Stacked on first half - buildings
12 106	88-89	93-140	011														Stacked on last half
																	Change Tape 009 New Tape 010
13 107	89-90	94-141	012														Stacked on first half - well
14	90-91																
15	91-92																
16	92-93																
17	93-94																
18	94-95																
19	95-96																
20	96-97																
21	97-98																

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278-023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10-32</u> HZ.	SWEEP TIME <u>24 sec.</u>	SWEEP PATTERN <u>5 or 6 vibs in line, moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>Mertz 10</u>	TYPE GEOPHONES <u>GSC 20d</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0-1980'</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8ms</u>	LOW CUT FILTERS <u>OUT</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31.25</u>	NOTCH FILTERS <input checked="" type="checkbox"/>	FINAL GAIN	

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 010-011

BINARY GAIN  
 FIXED GAIN

CDP FOLD 2400%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ.</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>5-14-77</u>
CREW NO. <u>404-48-02</u>	TERRAIN <u>Dirt Road</u>	WEATHER <u>Clear</u>	OBSERVER <u>M. Fleck</u>	PARTY MANAGER <u>R. Williamson</u>
LINE NO.		1		

DIGITAL RECORD NUMBER	VP NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS	
						1/4	5/8	9/12	3/16	7/20	2/24								
22	98-99		SKIP																
23	99-100		SKIP																
24	108	100-101	105-152	023	16	5						48						Stacked on last half	
25	109	101-102	106-153	024															
26	110	102-103	107-154	025															
27	111	103-104	108-155	026															
28	112	104-105	109-156	027															
29	113	105-106	110-157	028															
30	114	106-107	111-158	029														Stacked on first half - well	
31		107-108																	
32		108-109	} SKIPS - Wells and concrete pipe																
33		109-110																	
34	115	110-111	115-162	033														Stacked on last half	
35	116	111-112	116-163	034															
36	117	112-113	117-164	035															
37	118	113-114	118-165	036														Change Tape 010 New Tape 011	
38	119	114-115	119-166	037															
39	120	115-116	120-167	038															
40	121	116-117	121-168	039															
41	122	117-118	122-169	040														Stacked on first half - wells	
42		118-119																	
43		119-120	} SKIPS - Wells, Concrete water lines																
44		120-121																	

END OF DAY

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278-023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10-32 Hz.</u>	SWEEP TIME <u>24 sec.</u>	SWEEP PATTERN <u>5 or 6 vibs in line, moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>Mertz 10</u>	TYPE GEOPHONES <u>GSC 20d</u>	FREQUENCY <u>8 Hz.</u>	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0-1980'</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8 ms</u>	LOW CUT FILTERS <u>out</u>	SLOPE	HIGH CUT FILTERS <u>31.25 Hz</u>	NOTCH FILTERS <input checked="" type="checkbox"/>	FINAL GAIN	

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 011-012

BINARY GAIN  
 FIXED GAIN

CDP FOLD 240090

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ.</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>5-15-77</u>
CREW NO. <u>404-48-02</u>	TERRAIN <u>Dirt Road</u>	WEATHER <u>Clear</u>	OBSERVER <u>M. Fleck</u>	PARTY MANAGER <u>R. Williamson</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/16	3/8	1/2	7/16	1/2	2/3					
123		338 Test															Leave Town 6:58	
124		ADD-IT Test															Many motors, pumps, running irrigation parallel to the seismic line!!	
125		Similarity	11, 12	13, 14	16												Seismic line crossing Interstate 5 at VP's 171, 172, - Noisy!	
1	121-122	Sk P - Well																
2	126	122-123	127 - 174	239	16	5							48	8:48			Stacked on last half-wells	
3	127	123-124	128 - 175	240														
4	128	124-125	129 - 176	001														
5	129	125-126	130 - 177	002														
6	130	126-127	131 - 178	003														
7	131	127-128	132 - 179	004														
8	132	128-129	133 - 180	005													Stacked on first half - <del>well</del> ditch - drive around	
Change Tape 011 New Tape 012																		
9	133	129-130	134 - 181	006														
10	134	130-131	135 - 182	007														
11	135	131-132	136 - 183	008														
12	136	132-133	137 - 184	009														
13	137	133-134	138 - 185	010													Stacked on first half - ditch	
14	138	134-135	139 - 186	011													Stacked on last half - ditch, highway	
15	139	135-136	140 - 187	012														
16	140	136-137	141 - 188	013													Stacked on first half - well	
17		137-138	SKIP - Well															
18	141	138-139	143 - 190	015													Stacked on last half - well	
19	142	139-140	144 - 191	016													Stacked on first half - well	
20		140-141	SKIP - Wells															
21		141-142	SKIP - Wells															

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278-025</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10 - 32</u> HZ.	SWEEP TIME <u>24</u> Sec.	SWEEP PATTERN <u>5 or 6 vibs in line, moving over 440'</u>		SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>Mertz 10</u>	TYPE GEOPHONES <u>GSC 20d</u>	FREQUENCY <u>8</u> HZ.
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>		OFF SET DISTANCE <u>0 - 1780'</u>
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8</u> ms	LOW CUT FILTERS <u>out</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31.25 Hz</u>	NOTCH FILTERS <u>(IN) AT</u>	FINAL GAIN	RELEASE RATE

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 012-013

BINARY GAIN  
 FIXED GAIN

CDP FOLD 240090

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ.</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>5-15-77</u>
CREW NO. <u>404-48-02</u>	TERRAIN <u>Dirt Roads</u>	WEATHER <u>Clear</u>	OBSERVER <u>M. Fleck</u>	PARTY MANAGER <u>R. Williamson</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	3/1	3/1	1/1	7/2	2/2	2/2					
22	143	142-143	147-194	019	16	5								48				
23	144	143-144	148-195	020														
																		Change Tape 012 New Tape 013
24	145	144-145	149-196	021														
25	146	145-146	150-197	022														
26	147	146-147	151-198	023														
27	148	147-148	152-199	024														Stacked on first half-well
28		148-149	SKIP-Well															
29	149	149-150	154-201	026														Stacked on last half-well
30	150	150-151	155-202	027														
31	151	151-152	156-203	028														Stacked on first half-well
32	152	152-153	157-204	029														Stacked on last half-well
33	153	153-154	158-205	030														
34	154	154-155	159-206	031														
35	155	155-156	160-207	032														Change Tape 013 New Tape 014
36	156	156-157	161-208	033														END OF DAY

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278-023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10-32</u> HZ.	SWEEP TIME <u>24</u> Sec.	SWEEP PATTERN <u>5 vibs in line, moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>Mertz 10</u>	TYPE GEOPHONES <u>GSC 20d</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0-1980'</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8ms</u>	LOW CUT FILTERS <u>OUT</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31.25</u>	NOTCH FILTERS <u>IN</u>	FINAL GAIN	

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 014-015  BINARY GAIN  
 FIXED GAIN

CDP FOLD 2400<sup>20</sup>

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ.</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>5-16-77</u>
CREW NO. <u>404-48-02</u>	TERRAIN <u>Dirt Road</u>	WEATHER <u>Clear</u>	OBSERVER <u>M. Fleck</u>	PARTY MANAGER <u>R. Williamson</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	3/1	3/1	1/2	2/2	2/2	2/2					
157		338 Test															Leave Town 7 <sup>th</sup>	
158		ADD-IT Test															Picking up noise from Interstate 5 (VP's 170, 171, 172) and various irrigation systems	
159		Similarity		11, 12, 13, 14, 16														
1 160	157-158	162-209	236	16	5							48		8H34				
2 161	158-159	163-210	237														Stacked on first half-house	
3	159-160																SKIP - House	
4 162	160-161	165-212	239														Stand-by to replace one cable (shorted) 12 minutes ←	
5 163	161-162	166-213	240														Stacked on last half-house	
6 164	162-163	167-214	001															
7 165	163-164	168-215	002															
8 166	164-165	169-216	003															
9 167	165-166	170-217	004															
10 168	166-167	171-218	005														Change Tape 014 New Tape 015	
11 169	167-168	172-219	006															
12 170	168-169	173-220	007															
13 171	169-170	174-221	008															
14 172	170-171	175-222	009														Stacked on last half - 12 <sup>th</sup> 18	
15 173	171-172	176-223	010														Stacked on first half - Gas pipe line, I-5	
16 174	172-173	177-224	011														Vibrator drive around Interstate highway 12 <sup>th</sup> 00	
17 175	173-174	178-225	012															
18 176	174-175	179-226	013															
19 177	175-176	180-227	014															
20 178	176-177	181-228	015															
21 179	177-178	182-229	016															

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278-023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10 - 32</u> HZ.	SWEEP TIME <u>24</u> Sec.	SWEEP PATTERN <u>5 vibs in line, moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>Mertz 10</u>	TYPE GEOPHONES <u>GSC 20d</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0-1980'</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8ms</u>	LOW CUT FILTERS <u>Out</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31.25 Hz</u>	NOTCH FILTERS <u>(IN) ✗</u>	FINAL GAIN	

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 015

BINARY GAIN  
 FIXED GAIN

CDP FOLD 2400%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ.</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>5-16-77</u>
CREW NO. <u>404-48-02</u>	TERRAIN <u>Dirt Road</u>	WEATHER <u>Pt. Cloudy</u>	OBSERVER <u>M. Fleck</u>	PARTY MANAGER <u>R. Williamson</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/12	3/16	1/8	7/20	2/24						
22	180	178-179	183-230	017	16	5								48				Change Tape 015 New Tape 016
23	181	179-180	184-231	018														
24	182	180-181	185-232	019														
25	183	181-182	186-233	020														
26	184	182-183	187-234	021														
27	185	183-184	188-235	022														
28	186	184-185	189-236	023														
29	187	185-186	190-237	024														
30	188	186-187	191-238	025														
31	189	187-188	192-239	026														
32	190	188-189	193-240	027														
END OF DAY																		

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278-023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10-32</u> HZ.	SWEEP TIME <u>24 Sec.</u>	SWEEP PATTERN <u>5 vibs in line, moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>Mertz 10</u>	TYPE GEOPHONES <u>Gsc 60 d</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0-1980'</u>	
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8ms</u>	LOW CUT FILTERS <u>Out</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31.25</u>	NOTCH FILTERS <u>(IN)</u> OUT	FINAL GAIN	RELEASE RATE

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 016-017 <sup>-018</sup>  
 BINARY GAIN  
 FIXED GAIN

CDP FOLD 2400%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ.</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>5-17-77</u>
CREW NO. <u>404-48-02</u>	TERRAIN <u>Dirt Road</u>	WEATHER <u>Clear</u>	OBSERVER <u>M. Fleck</u>	PARTY MANAGER <u>R. Williamson</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/12	3/16	7/24	24							
191		338 Test		*	Two	DR#	191	First	is	338	Test,	and	second					Leave town 7 <sup>00</sup>
192		ADD-IT Test			15	the	ADD-IT	TEST										- Seismic line crossing canal at VP's 225, 226, 9/30
						Change	Tape	016										- large pumping station - Noise
192		Similarity 11,12,13,14,16				New	Tape	017										- Water being sprayed on parts of the line
1	189-190	194 241	240	16	5									48			8 <sup>27</sup>	- Farm equipment moving on line and off continuously
2	190-191	195 242	001															
3	191-192	196 - 243	002															- Stacked on first half - well
4	192-193	197 - 244	003															- stacked on last half - well
5	193-194	198 - 245	004															- stacked on first half - well
6	194-195					SKIP - Well												
7	195-196	200 - 247	006															Stacked on last half - well
8	196-197	201 - 248	007															
9	197-198	202 - 249	008															Stand-by to take similarity with 6 <sup>th</sup> vibrator
10	198-199	203 - 250	009															
11	199-200	204 - 251	010															
12	200-201	205 - 252	011			Change	Tape	017										Stacked on first half - water tank
						New	Tape	018										
13	201-202	206 - 253	012															Stacked on last half - water tank
14	202-203	207 - 254	013															
15	203-204	208 - 255	014															
16	204-205	209 - 256	015		5													
17	205-206	210 - 257	016		5													
18	206-207	211 258	017		5													
19	207-208	212 259	018		6													
20	208-209	213 260	019		6													

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278-023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10 - 32 Hz.</u>	SWEEP TIME <u>24 Sec.</u>	SWEEP PATTERN <u>5 vibs in line, moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>Mertz 10</u>	TYPE GEOPHONES <u>GSC 20d</u>	FREQUENCY <u>8 Hz.</u>	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0 - 1980'</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8ms</u>	LOW CUT FILTERS <u>out</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31.25 Hz</u>	NOTCH FILTERS <u>(IN) ✗</u>	FINAL GAIN	

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 018 - 019

BINARY GAIN  
 FIXED GAIN

CDP FOLD 2400%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ.</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>5-17-77</u>
CREW NO. <u>40448-02</u>	TERRAIN <u>Dirt Road</u>	WEATHER <u>Clear</u>	OBSERVER <u>M. Fleck</u>	PARTY MANAGER <u>R. Williamson</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/12	3/16	7/20	2/24							
21	212	209-210	214-261	020	16	6								48				VP's 260,260 - "lozer" working a pump (running full)
22	213	210-211	215-262	021		6												
23	214	211-212	216-263	022		6												
24	215	212-213	217-264	023		6												change Tape 018 New Tape 019
25	216	213-214	218-265	024		6												
Testing four shots with a 10-32Hz sweep (Up) with a 12 second sweep (36 second record length)																		
217	210-211A	215-262	021		6													The vibrators are shaking 32 sweeps over 440'. The recorder is dumping each 8 sweeps (8 sweeps over 110') for a total of 4 records for one VP shot.
218	210-211B	215-262	021		6													
219	210-211C	215-262	021		6													
220	210-211D	215-262	021		6													210-211 A 8 sweeps dumped 210-211 B 8 sweeps dumped 210-211 C 8 sweeps dumped 210-211 D 8 sweeps dumped 32 sweeps over 440'
221	211-212A	216-263	022		6									40				
222	211-212B	216-263	022		6													
223	211-212C	216-263	022		6													
224	211-212D	216-263	022		6													
225	212-213A	217-264	023		6													
226	212-213B	217-264	023		6													
227	212-213C	217-264	023		6													
228	212-213D	217-264	023		6													
229	213-214A	218-265	024		6													Change Tape 019 New Tape 020
230	213-214B	218-265	024		6													
231	213-214C	218-265	024		6													
232	213-214D	218-265	024		6													END OF DAY # END TAPE 020 TEMPORARY END OF LINE 1

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE ____ FEET _____ MILES	SUBSURFACE COVERAGE ____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278-023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10-32 Hz.</u>	SWEEP TIME <u>24 Sec.</u>	SWEEP PATTERN <u>5 or 6 vibs in line, moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>Mert 210</u>	TYPE GEOPHONES <u>GSC 20d</u>	FREQUENCY <u>8 Hz.</u>	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0-1980'</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8ms</u>	LOW CUT FILTERS <u>Out</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31.25 Hz</u>	NOTCH FILTERS <u>(IN) (OUT)</u>	FINAL GAIN	

20081-01  
OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 47-48

BINARY GAIN  
 FIXED GAIN

CDP FOLD 4400%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT Cornell Univ AREA Coalinga STATE California COUNTY Fresno DATE 05/24/77

CREW NO. 4802 TERRAIN dirt road WEATHER Clear OBSERVER Janard PARTY MANAGER Williamson / Fleck LINE NO. 1

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/12	3/16	7/20	2/24							
01																		
02																		
03																		
1	214-215	219-266	21	16	6								480	11:50			Skipped - water pipe - trace 266 not laid out - canal.	
2	215-216	220-267	22														Skipped - water pipe -	
3	216-217	221-268	23														" "	
4	217-218	222-269	24														" "	
5	218-219	223-270	25														" "	
6	04 219-220	224-271	26														Stacked end half - water pipe -	
7	05 220-221	225-272	27															
8	06 221-222	226-273	28															
9	07 222-223	227-274	29															
10	08 223-224	228-275	30															
11	09 224-225	229-276	31														Stacked 1st half - canal -	
12	225-226	230-277	32														Skipped - canal -	
13	10 226-227	231-278	33														Stacked end half - canal.	
14	11 227-228	232-279	34															
15	12 228-229	233-280	35		6													
16	13 229-230	234-281	36		5													
17	14 230-231	235-282	37														End of tape # 47	
18	15 231-232	236-283	38														Start new tape # 48	
19	16 232-233	237-284	39															
20	17 233-234	238-285	40															

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE	SUBSURFACE COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.	OFFEND
		_____ FEET _____ MILES	_____ FEET _____ MILES			278023	<input checked="" type="checkbox"/>
SWEEP FREQUENCY	SWEEP TIME	SWEEP PATTERN	SWEEP PATTERN PER SET-UP	TYPE VIBRATORS	TYPE GEOPHONES	FREQUENCY	
10-32 HZ.	2hr	5 or 6 ribs in line moving over 4hr	1	MERTZ 10	GSC 200	8 HZ.	
LINE DIRECTION	DIRECTION FIELD OPERATIONS	STATION INTERVAL	NUMBER RECORDING PATCHES	GEOPHONES PER PATCH	PATCH PATTERN	OFF SET DISTANCE	
No. 1 W No. 24 E	W → E	4hr	48	36	in line over 660'	0.1980'	
PREAMP GAIN	SAMPLE RATE	LOW CUT FILTERS	SLOPE	HIGH CUT FILTERS	NOTCH FILTERS	FINAL GAIN	RELEASE RATE
27	8ms	out	-	31, 25	(IN) OUT		

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 48

BINARY GAIN  
 FIXED GAIN

CDP FOLD 2400%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>05/31/77</u>
CREW NO. <u>4802</u>	TERRAIN <u>dirt road</u>	WEATHER <u>clear</u>	OBSERVER <u>Janard</u>	PARTY MANAGER <u>Williamson/Hlech</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/12	13/16	17/20	21/24							
18	234-235	239-286	41	16	5									480				
19	235-236	240-287	42															
20	236-237	241-288	43															Stacked 1st half - no permitted area -
21	237-238	242-289	44															Skipped - no permitted area -
22	238-239	243-290	45															" " " "
23	239-240	244-291	46															" " " "
24	240-241	245-292	47															" " " "
25	241-242	246-293	48															" " " "
26	242-243	247-294	49															" " " "
27	243-244	248-295	50															Stacked end half - no permitted area -

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10-32</u> HZ.	SWEEP TIME <u>24</u>	SWEEP PATTERN <u>5 or 6 vibs in line moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>MERTZ 10</u>	TYPE GEOPHONES <u>GSC 20 D</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0-1980'</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8ms</u>	LOW CUT FILTERS <u>out</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31,25</u>	NOTCH FILTERS <u>(IN)</u> OUT	FINAL GAIN	

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 48-49

BINARY GAIN  
 FIXED GAIN

CDP FOLD Shoo To

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>06/01/77</u>
CREW NO. <u>4802</u>	TERRAIN <u>dirt road</u>	WEATHER <u>clear</u>	OBSERVER <u>Janard</u>	PARTY MANAGER <u>Williamson Fleck</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/16	3/8	7/16	1/2	2/3	3/4					
22																	leave town 1h00	
23																	arrived field 1h30	
24																		
1 25	244-245	249-296	03	16	5												lots of noise because of pumping stations and cats	
2 26	245-246	250-297	04														caterpillar working between 290 and 297	
3 27	246-247	251-298	05														face 261 dead - water pump working	
4 28	247-248	252-299	06														End of tape # 48	
5 29	248-249	253-300	07														Start new tape # 49 Stacked 1st half highway	
6 30	249-250	254-301	08														Stacked end half - highway -	
7 31	250-251	255-302	09															
8 32	251-252	256-303	10															
9 33	252-253	257-304	11															
10 34	253-254	258-305	12															
11 35	254-255	259-306	13														Stacked 1st half - well -	
12 36	255-256	260-307	14														Stacked end half - well -	
13 37	256-257	261-308	15															
14 38	257-258	262-309	16															
15 39	258-259	263-310	17															
16 40	259-260	264-311	18														END OF TAPE #49	

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>W-30</u> HZ.	SWEEP TIME <u>24</u>	SWEEP PATTERN <u>5 or 6 ribs in line moving over 4h0'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>MERTZ 10</u>	TYPE GEOPHONES <u>GSC 20 D</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>4h0'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0-1980'</u>	RELEASE RATE
PREAMP GAIN <u>2</u>	SAMPLE RATE <u>8ms</u>	LOW CUT FILTERS <u>out</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31, 25</u>	NOTCH FILTERS <u>(IN) OUT</u>	FINAL GAIN	



OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 50-51

BINARY GAIN  
 FIXED GAIN

CDP FOLD 200%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ</u>		AREA <u>Coalinga</u>			STATE <u>California</u>		COUNTY <u>Fresno</u>		DATE <u>08/03/77</u>
CREW NO. <u>4802</u>	TERRAIN <u>dirt road</u>			WEATHER <u>Clear</u>		OBSERVER <u>Jenard</u>		PARTY MANAGER <u>R. Williamson / M. Fleck</u>	LINE NO. <u>1</u>

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB						RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/16	3/8	7/16	1/2					
		338 test														leave town 7h 05
		add it test														arrived field 7h 35
1	49	262-263	267-314	15	16	5										
2	50	263-264	268-315	16												
3	51	264-265	269-316	17												
4	52	265-266	270-317	18												
5	53	266-267	271-318	19												
6	54	267-268	272-319	20												Stacked 1st half - well -
7	55	268-269	273-320	21												Stacked end half - well -
8	56	269-270	274-321	22												End of tape # 50
9	57	270-271	275-322	23												Start new tape # 51
10	58	271-272	276-323	24												
11	59	272-273	277-324	25												Stacked 1st half - well -
12	60	273-274	278-325	26												Stacked end half - well -
13	61	274-275	279-326	27												
14	62	275-276	280-327	28												
15	63	276-277	281-328	29												
16	64	277-278	282-329	30												
17	65	278-279	283-330	31												Stacked 1st half - well -
18	66	279-280	284-331	32												Stacked end half - well -
19	67	280-281	285-332	33												
20	68	281-282	286-333	34												

TOTAL SETUPS		TOTAL SWEEPS		SURFACE COVERAGE _____ FEET _____ MILES		SUBSURFACE COVERAGE _____ FEET _____ MILES		TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO. <u>278023</u>		OFFEND <input checked="" type="checkbox"/>	
SWEEP FREQUENCY <u>10-32</u> HZ.		SWEEP TIME <u>2hs</u>		SWEEP PATTERN <u>50 bulbs in line moving over 4h0'</u>		SWEEP PATTERN PER SET-UP <u>1</u>		TYPE VIBRATORS <u>MERTZ 10</u>		TYPE GEOPHONES <u>GSC 200</u>		FREQUENCY <u>8</u> HZ.			
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>		DIRECTION FIELD OPERATIONS <u>W → E</u>		STATION INTERVAL <u>4h0'</u>		NUMBER RECORDING PATCHES <u>48</u>		GEOPHONES PER PATCH <u>36</u>		PATCH PATTERN <u>in line over 660'</u>		OFF SET DISTANCE <u>0-1980'</u>			
PREAMP GAIN <u>27</u>		SAMPLE RATE <u>8ms</u>		LOW CUT FILTERS <u>out</u>		SLOPE <u>-</u>		HIGH CUT FILTERS <u>31, 25</u>		NOTCH FILTERS <u>(IN)</u> OUT		FINAL GAIN		RELEASE RATE	

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 51-52

BINARY GAIN  
 FIXED GAIN

CDP FOLD 400%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>06/03/77</u>
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CREW NO. <u>1802</u>	TERRAIN <u>dirt roads</u>	WEATHER <u>Clear</u>	OBSERVER <u>Janard</u>	PARTY MANAGER <u>R.W. Williamson / M. Fleck</u>	LINE NO. <u>1</u>
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DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/12	3/16	7/20	2/24							
21 69	282-283	287-334	35	16	5								48				End of tape # 51	
22 70	283-284	288-335	36														Start new tape # 52	
23 71	284-285	289-336	37															
24 72	285-286	290-337	38															
25 73	286-287	291-338	39															
26 74	287-288	292-339	40															
27 75	288-289	293-340	41															
28 76	289-290	294-341	42															
29 77	290-291	295-342	43														Stacked 1st half - well -	
30 78	291-292	296-343	44														Stacked end half - well -	
31 79	292-293	297-344	45															
32 80	293-294	298-345	46															

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10-32</u> HZ.	SWEEP TIME <u>24</u>	SWEEP PATTERN <u>5 or 6 vibs in line moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>MERTZ 10</u>	TYPE GEOPHONES <u>GSC 105</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0 - 1980'</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8 mm</u>	LOW CUT FILTERS <u>out</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31, 25</u>	NOTCH FILTERS <u>(IN) OUT</u>	FINAL GAIN	

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 52-53-54

BINARY GAIN  
 FIXED GAIN

CDP FOLD 2400%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>06/04/77</u>
CREW NO. <u>H802</u>	TERRAIN <u>dirt road</u>	WEATHER <u>Clear</u>	OBSERVER <u>H. Leonard</u>	PARTY MANAGER <u>R. Williamson / M. Fleck</u>
				LINE NO. <u>1</u>

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/16	3/4	7/8	21/2	21/2	21/2					
81		338 test															leave town 7h00	
82		add it test															arrived field 7h35	
88		add it test															had T/O	
83		mimibatics															End of tape #52	
1 84	294-295	299-346	17	20	5									480	9h30		Start new tape #53	
2 85	295-296	300-347	18															
3 86	296-297	301-348	19														Stacked 1st half - well-	
4 87	297-298	302-349	20														Stacked end half - well-	
5 88	298-299	303-350	21														DOING 20 SWEEPS BECAUSE ONLY USING	
6 89	299-300	304-351	22														5 VIBS. WILL DO 16 SWEEPS WHEN USING	
7 90	300-301	305-352	23														6 VIBS	
8 91	301-302	306-353	24															
9 92	302-303	307-354	25														Stacked 1st half - canal-	
10 93	303-304	308-355	26															
11 94	304-305	309-356	27															
12 95	305-306	310-357	28														End of tape #53	
13 96	306-307	311-358	29														Start new tape #54	
14 97	307-308	312-359	30														Stacked 1st half - pump-	
15	308-309	313-360	31														SKIP - Pump	
16 98	309-310	314-361	32															
17 99	310-311	315-362	33															
18 100	311-312	316-363	34															
19 101	312-313	317-364	35															

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278023</u>	OFFEND. <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10.32</u> HZ.	SWEEP TIME <u>24s</u>	SWEEP PATTERN <u>5 or 6 vib in line moving over 4h0'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>MERTZ 10</u>	TYPE GEOPHONES <u>GSC 400</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>4h0'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0-1980'</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8ms</u>	LOW CUT FILTERS <u>out</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31,25</u>	NOTCH FILTERS <u>(IN)</u> OUT	FINAL GAIN	RELEASE RATE

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 54

BINARY GAIN  
 FIXED GAIN

CDP FOLD 400%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univer</u>	AREA <u>Coolinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>06/04/77</u>
CREW NO. <u>4802</u>	TERRAIN <u>dirt road</u>	WEATHER <u>Clear</u>	OBSERVER <u>Farand</u>	PARTY MANAGER <u>R. Williamson / M. Fleck</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/12	3/16	7/20	2/24							
<u>20</u>	<u>102</u>	<u>313-314</u>	<u>24/48</u>	<u>36</u>	<u>20</u>	<u>5</u>								<u>480</u>				
<u>21</u>	<u>103</u>	<u>314-315</u>		<u>37</u>														
<u>22</u>	<u>104</u>	<u>315-316</u>		<u>38</u>														
<u>23</u>	<u>105</u>	<u>316-317</u>		<u>39</u>														

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>27828</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10-32</u> HZ.	SWEEP TIME <u>240</u>	SWEEP PATTERN <u>50 vib in line moving over 400'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>HERTZ 10</u>	TYPE GEOPHONES <u>GSC 200</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>400'</u>	NUMBER RECORDING PATCHES <u>47</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0-1980'</u>	
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8ms</u>	LOW CUT FILTERS <u>out</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31.25</u>	NOTCH FILTERS <u>(IN)</u> OUT	FINAL GAIN	RELEASE RATE

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 54-55-56

BINARY GAIN  
 FIXED GAIN

CDP FOLD 2400%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>06/05/77</u>
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CREW NO. <u>4802</u>	TERRAIN <u>dirt road</u>	WEATHER <u>Clear</u>	OBSERVER <u>Janard</u>	PARTY MANAGER <u>R.W. Williamson / C. Fleck</u>	LINE NO. <u>1</u>
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DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/16	3/8	1/2	7/16	1/2	3/4					
106																	leave town 9:00	
107																	arrived field 9:40	
108																		
109																		
110	317-318	322-369	40	16	6								480		9:00		End of tape #54	
2 111	318-319	323-370	41	20	5												Start new tape #55	
3 112	319-320	324-371	42															
4 113	320-321	325-372	43															
5 114	321-322	326-373	44															
6 115	322-323	327-374	45															
7 116	323-324	328-375	46														Cross feet - cable crossing highway.	
8 117	324-325	329-376	47	20	5													
9 118	325-326	330-377	48	16	6													
10 119	326-327	331-378	49															
11 120	327-328	332-379	50															
12 121	328-329	333-380	51															
13 122	329-330	335/334-380	51														End of tape #55	
14 123	330-331	325-326/335-380	51														Start new tape #56	
15 124	331-332	325-327/335-380	51															
16 125	332-333	325-328/337-380	51															
17 126	333-334	325-329/338-380	51															
18 127	334-335	325-330/339-380	51														Stacked end hole - small.	

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278023</u>	OFFEND <input checked="" type="checkbox"/>
SWEEP FREQUENCY <u>10.32</u> HZ.	SWEEP TIME <u>2:40</u>	SWEEP PATTERN <u>5 or 6 vibs in line moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>MERTZ 10</u>	TYPE GEOPHONES <u>GSC 20 D</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES <u>49</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 660'</u>	OFF SET DISTANCE <u>0-1980</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8ms</u>	LOW CUT FILTERS <u>out</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31,25</u>	NOTCH FILTERS <u>(IN)</u> OUT	FINAL GAIN	

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 56-57

BINARY GAIN  
 FIXED GAIN

CDP FOLD 400%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>06/05/77</u>
CREW NO. <u>4802</u>	TERRAIN <u>dirt road</u>	WEATHER <u>Clear</u>	OBSERVER <u>Janard</u>	PARTY MANAGER <u>R. Williamson / dl. Fleck</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/12	3/16	7/20	21/24							
19	128	335-336 / 325-331 / 340-380	51	16	6								48s					
20	129	336-337 / 325-332 / 341-380	52															
21	130	337-338 / 325-333 / 342-380	51															
22	131	338-339 / 325-334 / 343-380	51															
23	132	339-340 / 325-335 / 344-380	51															
24	133	340-341 / 325-336 / 345-380	51															
25	134	341-342 / 325-337 / 346-380	51															
26	135	342-343 / 325-338 / 347-380	51														Stacked 1st half - highway - Stacked end half - highway -	
27	136	343-344 / 325-339 / 348-380	51														Start new tape # 57	
28	137	344-345 / 325-340 / 349-380	51															

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <u>278023</u>	OFFEND <input type="checkbox"/>
SWEEP FREQUENCY <u>10-32</u> HZ.	SWEEP TIME <u>24</u>	SWEEP PATTERN <u>5 or 6 vibs in line moving over 440'</u>	SWEEP PATTERN PER SET-UP <u>1</u>	TYPE VIBRATORS <u>MERTZ 10</u>	TYPE GEOPHONES <u>GSC 20 D</u>	FREQUENCY <u>8</u> HZ.	SPLIT <input checked="" type="checkbox"/>
LINE DIRECTION No. 1 <u>W</u> No. 24 <u>E</u>	DIRECTION FIELD OPERATIONS <u>W → E</u>	STATION INTERVAL <u>440'</u>	NUMBER RECORDING PATCHES <u>48</u>	GEOPHONES PER PATCH <u>36</u>	PATCH PATTERN <u>in line over 440'</u>	OFF SET DISTANCE <u>1980' - 0 - 1980'</u>	RELEASE RATE
PREAMP GAIN <u>27</u>	SAMPLE RATE <u>8ms</u>	LOW CUT FILTERS <u>out</u>	SLOPE <u>-</u>	HIGH CUT FILTERS <u>31, 25</u>	NOTCH FILTERS <u>(IN) OUT</u>	FINAL GAIN	

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

20081-01

TAPE REEL NO. 57-58

BINARY GAIN  
 FIXED GAIN

CDP FOLD 2400%

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT Cornell Univ	AREA Coalinga	STATE California	COUNTY Fresno	DATE 06/06/77
CREW NO. 4802	TERRAIN dirt road	WEATHER clear	OBSERVER F. Jansard	PARTY MANAGER R. Williamson / M. Fleck
				LINE NO. 1

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO. VIB	INITIAL AMP GAIN DB							RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/12	3/16	7/20	2/24						
138		338 test															Leave town 7h03
139		add it test															arrived field 7h45
140		similarities															
1 141	345-346	325-341/350-380	39	16	6												
2 142	346-347	325-342/351-380	39														
3 143	347-348	325-343/352-380	39														
4 144	348-349	325-344/353-380	39														
5 145	349-350	325-345/354-380	39														
6 146	350-351	325-346/355-380	39														
7 147	351-352	325-347/356-380	39														
8 148	352-353	325-348/357-380	39														
9	353-354	302-349	08														Stacked 1st half-green field and canal-
10	354-355	303-350	09														Skipped-green field-
11	355-356	304-351	10														" " "
12	356-357	305-352	11														" " "
13	357-358	306-353	12														" " "
14 149	358-359	307-354	13														End of tape 57 Stacked end half-green field
15 150	359-360	308-355	14														Start tape #58
16 151	360-361	309-356	15														
17 152	361-362	310-357	16														
18 153	362-363	311-358	17														
19 154	363-364	312-359	18														
20 155	364-365	313-360	19														

\* Have to stop shooting because of road construction 14<sup>h</sup>10

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE _____ FEET _____ MILES	SUBSURFACE COVERAGE _____ FEET _____ MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. 278023	OFFEND <input type="checkbox"/>
SWEEP FREQUENCY 10-32 HZ.	SWEEP TIME 2H45	SWEEP PATTERN 5 or 6 vibs in line moving over 440'	SWEEP PATTERN PER SET-UP 1	TYPE VIBRATORS MERTZ 10	TYPE GEOPHONES GSC 20 D	FREQUENCY 8 HZ.	SPLIT <input checked="" type="checkbox"/>
LINE DIRECTION No. 1 W No. 24 E	DIRECTION FIELD OPERATIONS W → E	STATION INTERVAL 440'	NUMBER RECORDING PATCHES 48	GEOPHONES PER PATCH 36	PATCH PATTERN in line over 440'	OFF SET DISTANCE 1980-0-1980	RELEASE RATE
PREAMP GAIN 27	SAMPLE RATE 8 ms	LOW CUT FILTERS out	SLOPE -	HIGH CUT FILTERS 31, 35	NOTCH FILTERS IN OUT	FINAL GAIN	

OBSERVER'S REPORTS  
DIGITAL VIBROSEIS RECORDER

TAPE REEL NO. 58-59

BINARY GAIN  
 FIXED GAIN

CDP FOLD Shoos

C.G.G.  
One Park Central, #1255  
Denver, Colorado 80202

CLIENT <u>Cornell Univ</u>	AREA <u>Coalinga</u>	STATE <u>California</u>	COUNTY <u>Fresno</u>	DATE <u>06/07/77</u>
CREW NO. <u>4802</u>	TERRAIN <u>dirt road</u>	WEATHER <u>clear</u>	OBSERVER <u>Janard</u>	PARTY MANAGER <u>Williamson / Fleck</u>
LINE NO. <u>1</u>				

DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION	CDP SWITCH	NO. SWEEPS	NO VIB	INITIAL AMP GAIN DB								RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
						1/4	5/8	9/12	3/16	1/2	7/20	2/24	24/48					
156		338 test															leave town at 30	
157		add 1 test															arrive field at 05	
157		similarities																
158	365/366	314-361	20	16	6								480	6:14				
159	366/367	315-362	21															
160	367/368	316-363	22															
161	368/369	317-364	23															
162	369/370	318-365	24															
163	370/371	319-366	25															
																	End of tape # 58	
164	371/372	320-367	26															
165	372/373	321-368	27														Start tape # 59	
166	373/374	322-369	28															
167	374/375	323-370	29															
168	375/376	324-371	30															
169	376/377	325-372	31														End of tape # 59	
																	End of line #1	
																	* Four trace tail spread not shot because of more road construction	

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE	SUBSURFACE COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.	OFFEND
		FEET _____ MILES _____	FEET _____ MILES _____			278-023	<input checked="" type="checkbox"/>
SWEEP FREQUENCY	SWEEP TIME	SWEEP PATTERN	SWEEP PATTERN PER SET-UP	TYPE VIBRATORS	TYPE GEOPHONES	FREQUENCY	
10-32 Hz.	24 Sec.	6 vibs in line moving over 440'	1	Hertz 10	GSC 20d	8 Hz.	
LINE DIRECTION	DIRECTION FIELD OPERATIONS	STATION INTERVAL	NUMBER RECORDING PATCHES	GEOPHONES PER PATCH	PATCH PATTERN	OFF SET DISTANCE	
No. 1 W No. 24 E	W → E	440'	48	36	in line over 440'	0-1980'	
PREAMP GAIN	SAMPLE RATE	LOW CUT FILTERS	SLOPE	HIGH CUT FILTERS	NOTCH FILTERS	FINAL GAIN	RELEASE RATE
27	8ms	out	-	31.25 Hz	(N)		