20081-03

OBSERVER'S REPORTS
DIGITAL VIBROSEIS RECORDER TAPE REEL NO. 60-61

☒ BINARY GAIN ☐ FIXED GAIN CDP FOLD 24000%

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

CLIENT	AREA	STATE	COUNTY	DATE
Cornell Univ.	Coalinga	California	Fresno	06/08/77

CREW NO.	TERRAIN	WEATHER	OBSERVER	PARTY MANAGER	LINE NO.
4802	dirt road	clear	Savard	Williamson/Fleck	3

	DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION 1 24/48	CDP SWITCH	NO. SWEEPS	NO VIB	INITIAL AMP GAIN DB 1/4	5/8	9/12	13/16	17/20	21/24	RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR		REMARKS
	01		338 test															leave town 7h10
	02		add il test															arrived field 7h30
	03		similarities															
1	04	01-02	06 - 53	12	24	5							32s		10h03			
2	05	02-03	07 - 54	13														
3	06	03-04	08 - 55	14		5												
4	07	04-05	09 - 56	15		6												
5	08	05-06	10 - 57	16														
6	09	06-07	11 - 58	17														
7	10	07-08	12 - 59	18														
8	11	08-09	13 - 60	19														
9	12	09-10	14 - 61	20														
10	13	10-11	15 - 62	21														
11	14	11-12	16 - 63	22														
12	15	12-13	17 - 64	23														
13	16	13-14	18 - 65	24														
14	17	14-15	19 - 66	25														
15	18	15-16	20 - 67	26														
16	19	16-17	21 - 68	27														
17	20	17-18	22 - 69	28														End of tape # 60
18	21	18-19	23 - 70	29														Start tape # 61
19	22	19-20	24 - 71	30														

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE FEET MILES	SUBSURFACE COVERAGE FEET MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.	OFFEND ☒ SPLIT ☐
						248023	

SWEEP FREQUENCY	SWEEP TIME	SWEEP PATTERN	SWEEP PATTERN PER SET-UP	TYPE VIBRATORS	TYPE GEOPHONES	FREQUENCY
10-32 HZ.	12	5 or 6 vibs moving over 440'	1	MERTZ 10	GSC 10D	8 HZ.

LINE DIRECTION	DIRECTION FIELD OPERATIONS	STATION INTERVAL	NUMBER RECORDING PATCHES	GEOPHONES PER PATCH	PATCH PATTERN	OFF SET DISTANCE
No.1 S No.24 N	S → N	440'	48	36	in line over 660'	0-1980.

PREAMP GAIN	SAMPLE RATE	LOW CUT FILTERS	SLOPE	HIGH CUT FILTERS	NOTCH FILTERS (IN) OUT	FINAL GAIN	RELEASE RATE
27	8 ms	out	—	81,25			

OBSERVER'S REPORTS
DIGITAL VIBROSEIS RECORDER TAPE REEL NO. 61

☒ BINARY GAIN
☐ FIXED GAIN

CDP FOLD 4000%

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

CLIENT	AREA	STATE	COUNTY	DATE
Cornell Univ	Coalinga	California	Fresno	06/08/77

CREW NO.	TERRAIN	WEATHER	OBSERVER	PARTY MANAGER	LINE NO.
4802	dirt road	Clear	Savard	Williamson/Fleck	3

	DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION 1 24/48	CDP SWITCH	NO. SWEEPS	NO VIB	INITIAL AMP GAIN DB 1/4	5/8	9/12	13/16	17/20	21/24	RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR		REMARKS
20	23	20-21	25-72	31	24	6							32					

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE FEET MILES	SUBSURFACE COVERAGE FEET MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.	OFFEND ☒ SPLIT ☐
						278023	

SWEEP FREQUENCY	SWEEP TIME	SWEEP PATTERN	SWEEP PATTERN PER SET-UP	TYPE VIBRATORS	TYPE GEOPHONES	FREQUENCY
10-32 HZ.	12	5 or 6 vibs in line moving over 440'	1	MERTZ 10	GSC 20 D	8 HZ.

LINE DIRECTION	DIRECTION FIELD OPERATIONS	STATION INTERVAL	NUMBER RECORDING PATCHES	GEOPHONES PER PATCH	PATCH PATTERN	OFF SET DISTANCE
No.1 S No.24 N	S → N	440'	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. 61-62

☒ BINARY GAIN
☐ FIXED GAIN

CDP FOLD 4002

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

CLIENT	AREA	STATE	COUNTY	DATE
Cornell Univ	Coalinga	California	Fresno	06/09/77

CREW NO.	TERRAIN	WEATHER	OBSERVER	PARTY MANAGER	LINE NO.
4802	dirt road	~~Clear~~ Rainy	Fouad	Williamson Fleck	3

	DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION 1 24/48	CDP SWITCH	NO. SWEEPS	NO VIB	INITIAL AMP GAIN DB 1/4	5/8	9/12	13/16	17/20	21/24	RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR		REMARKS
	24		338 test															leave fresno 4h40
	25		add it test															arrived field 5h00
	26		Similarities															
1	27	21.22	26-73	12	24	6							32s		6h30			
2	28	22-23	27-74	13														
3	29	23-24	28-75	14														
4	30	24-25	29-76	15														
5	31	25-26	30-77	16														
6	32	26-27	31-78	17														
7	33	27-28	32-79	18														
8	34	28-29	33-80	19														
9	35	29-30	34-81	20														
10	36	30-31	35-82	21														
11	37	31-32	36-83	22														
12	38	32-33	37-84	23														
13	39	33-34	38-85	24														
14	40	34-35	39-86	25		6												End of tape # 61
15	41	35-36	40-87	26		5												Start new tape # 62
16	42	36-37	41-88	27														
17	43	37-38	42-89	28														
18	44	38-39	43-90	29														
19	45	39-40	44-91	30														
20	46	40-41	45-92	31														

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE FEET MILES	SUBSURFACE COVERAGE FEET MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.	OFFEND / SPLIT
						4780 C3	☒ / ☐

SWEEP FREQUENCY	SWEEP TIME	SWEEP PATTERN	SWEEP PATTERN PER SET-UP	TYPE VIBRATORS	TYPE GEOPHONES	FREQUENCY
10-32 HZ.	12	5 or 6 vibs in line moving over 440'	1	MERTZ 10	GSC-20	8 HZ.

LINE DIRECTION	DIRECTION FIELD OPERATIONS	STATION INTERVAL	NUMBER RECORDING PATCHES	GEOPHONES PER PATCH	PATCH PATTERN	OFF SET DISTANCE
No. 1 S No. 24 N	S → N	440'	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	8 ms	out	—	31,25	(IN) OUT		

OBSERVER'S REPORTS
DIGITAL VIBROSEIS RECORDER TAPE REEL NO. 62

☒ BINARY GAIN
☐ FIXED GAIN

CDP FOLD 2400%

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

CLIENT	AREA	STATE	COUNTY	DATE
Cornell Univ	Coalinga	California	Fresno	06/09/77

CREW NO.	TERRAIN	WEATHER	OBSERVER	PARTY MANAGER	LINE NO.
4802	dirt road	Cloudy	Louvard	Williamson / Fleck	3

		DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION 1 24/48	CDP SWITCH	NO. SWEEPS	NO VIB	INITIAL AMP GAIN DB 1/4	5/8	9/12	13/16	17/20	21/24	RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR		REMARKS
2	1	47	41-42	46-93	32	24	5							320					
2	2	48	42-43	47-94	33														
2	3	49	43-44	48-95	34														
2	4	50	44-45	49-96	35														
2	5	51	45-46	50-97	36														
																			Shot down – 2 guides columns broken

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE	SUBSURFACE COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.	OFFEND ☒ SPLIT ☐
		FEET MILES	FEET MILES			278023	

SWEEP FREQUENCY	SWEEP TIME	SWEEP PATTERN	SWEEP PATTERN PER SET-UP	TYPE VIBRATORS	TYPE GEOPHONES	FREQUENCY
10-32 HZ.	12	5 or 6 vibs in line moving over 440'	1	MERTZ 10	GSC 20 D	8 HZ.

LINE DIRECTION	DIRECTION FIELD OPERATIONS	STATION INTERVAL	NUMBER RECORDING PATCHES	GEOPHONES PER PATCH	PATCH PATTERN	OFF SET DISTANCE
No. 1 S No. 24 N	S → N	440'	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	8 ms	out	—	31,25	(IN) OUT		

OBSERVER'S REPORTS — 20081-03 — C.G.G. One Park Central, #1255 Denver, Colorado 80202

DIGITAL VIBROSEIS RECORDER — TAPE REEL NO. 62-63 — ☒ BINARY GAIN ☐ FIXED GAIN — CDP FOLD 2400%

CLIENT	AREA	STATE	COUNTY	DATE
Cornell Univ	Coalinga	California	Fresno	06/10/77

CREW NO.	TERRAIN	WEATHER	OBSERVER	PARTY MANAGER	LINE NO.
4802	highways	Cloudy to Clear	Janard	Williamson / Fleck	3

	DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION 1 24/48	CDP SWITCH	NO. SWEEPS	NO VIB	INITIAL AMP GAIN DB 1/4 5/8 9/12 13/16 17/20 21/24	RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
	52		338 test									leave town 4h35
	53		add il test									arrived field 5h05
	54		similarities									
1	55	46-47	51-98	15	24	5		3200		6h05		
2	56	47-48	52-99	16								
3	57	48-49	53-100	17								
4	58	49-50	54-101	18								
5	59	50-51	55-102	19								
6	60	51-52	56-103	20								End of tape # 62
7	61	52-53	57-104	21								Start new tape #63
8	62	53-54	58-105	22								
9	63	54-55	59-106	23								Stacked 1st half - water pump -
10	64	55-56	60-107	24								Stacked 2nd half - water pump -
11	65	56-57	61-108	25								
12	66	57-58	62-109	26								
13	67	58-59	63-110	27								
14	68	59-60	64-111	28								
15	69	60-61	65-112	29								
16	70	61-62	66-113	30								
17	71	62-63	67-114	31								
18	72	63-64	68-115	32								
19	73	64-65	69-116	33								Stacked 1st half - highway -
20	74	65-66	70-117	34								Stacked end half - highway -

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE	SUBSURFACE COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.	OFFEND / SPLIT
		FEET MILES	FEET MILES			278023	☒ / ☐

SWEEP FREQUENCY	SWEEP TIME	SWEEP PATTERN	SWEEP PATTERN PER SET-UP	TYPE VIBRATORS	TYPE GEOPHONES	FREQUENCY
10-32 HZ.	12	5 or 6 vibs in line moving over 440'	1	HERTZ 10	GSC 10 D	8 HZ.

LINE DIRECTION	DIRECTION FIELD OPERATIONS	STATION INTERVAL	NUMBER RECORDING PATCHES	GEOPHONES PER PATCH	PATCH PATTERN	OFF SET DISTANCE
No.1 S No.24 N	S → N	440'	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	8 ms	out	—	31.25	(IN) OUT		

OBSERVER'S REPORTS
DIGITAL VIBROSEIS RECORDER TAPE REEL NO. 63-64

☒ BINARY GAIN
☐ FIXED GAIN

CDP FOLD 1100%

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

CLIENT	AREA	STATE	COUNTY	DATE
Cornell Univ	Coalinga	California	Fresno	06/10/77

CREW NO.	TERRAIN	WEATHER	OBSERVER	PARTY MANAGER	LINE NO.
4802	highway	Clear	Foward	Williamson / Fleck	3

	DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION 1 24/48	CDP SWITCH	NO. SWEEPS	NO VIB	INITIAL AMP GAIN DB 1/4 5/8 9/12 13/16 17/20 21/24	RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR		REMARKS
2	1	75	66-67	71 - 118	35	24	5		32s				
-2	2	76	66-67	71 - 118	35	16	5		sweep	20s length	10s listening		wrong CDP position recorded like shot 67-68
2	3	77	67-68	72 - 119	36	16	5		sweep	2hs length	2hs listening		wrong CDP position recorded like shot 68-69
2	4	78	68-69	73 - 120	37					12h33		End	of tape # 63
2	5	79	69 70	74 - 121	38							Start	new tape #64
2	6	80	70 71	75 - 122	39								
2	7	81	71-72	76 - 123	40								
2	8	82	72-73	77 - 124	41								

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE	SUBSURFACE COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.	OFFEND ☒ SPLIT ☐
		FEET MILES	FEET MILES			278023	

SWEEP FREQUENCY	SWEEP TIME	SWEEP PATTERN	SWEEP PATTERN PER SET-UP	TYPE VIBRATORS	TYPE GEOPHONES	FREQUENCY
10-32 HZ.	24 s	5 or 6 vib in line moving over 440'	1	MERTZ 10	GSC 10 D	8 HZ.

LINE DIRECTION	DIRECTION FIELD OPERATIONS	STATION INTERVAL	NUMBER RECORDING PATCHES	GEOPHONES PER PATCH	PATCH PATTERN	OFF SET DISTANCE
No. 1 S No. 24 N	S → N	440'	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	8 ms	out	—	31,25	(IN) OUT		

OBSERVER'S REPORTS
DIGITAL VIBROSEIS RECORDER TAPE REEL NO. 64-65

☒ BINARY GAIN ☐ FIXED GAIN CDP FOLD 6400%

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

CLIENT	AREA	STATE	COUNTY	DATE
Cornell Univ	Coalinga	California	Fresno	06/11/77

CREW NO.	TERRAIN	WEATHER	OBSERVER	PARTY MANAGER	LINE NO.
H802	highways	Clear	Fernandez Foward	Williamson Fleck	3

	DIGITAL RECORD NUMBER	V.P. NUMBER	PATCH LOCATION 1 24/48	CDP SWITCH	NO. SWEEPS	NO VIB	INITIAL AMP GAIN DB 1/4	5/8	9/12	13/16	17/20	21/24	RECORD LENGTH	AUTO TRIP ONLY	TIME	PARITY ERROR	REMARKS
	83		338 test														leave town 4h35
	84		add'l test														arrived field 4h55
	85																
1	86	73-74	78-125	34	16	5							4Bs		5h56		
2	87	74-75	79-126	35													8 last sweeps stacked middle
3	88	75-76	80-127	36													Stacked 2nd half
4	89	76-77	81-128	37													
5	90	77-78	82-129	38													
6	91	78-79	83-130	39													
7	92	79-80	84-131	40													
8	93	80-81	85-132	41													End of tape # 64
9	94	81-82	86-133	42													Start new tape # 65
10	95	82-83	87-134	43													
11	96	83-84	88-135	44													
12	97	84-85	89-136	45													
13	98	85-86	90-137	46													
14	99	86-87	91-138	47													End of tape # 65
																	End of line 3.

TOTAL SETUPS	TOTAL SWEEPS	SURFACE COVERAGE FEET MILES	SUBSURFACE COVERAGE FEET MILES	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.	OFFEND ☒ SPLIT ☐
						278023	

SWEEP FREQUENCY	SWEEP TIME	SWEEP PATTERN	SWEEP PATTERN PER SET-UP	TYPE VIBRATORS	TYPE GEOPHONES	FREQUENCY
10-32 HZ.	24s	5 or 6 vib in line moving over 440'	1	MERTZ 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 S No.24 N	S → N	440'	48	36	in line over 660'	0 - 1980'

PREAMP GAIN	SAMPLE RATE	LOW CUT FILTERS	SLOPE	HIGH CUT FILTERS	NOTCH FILTERS (IN) OUT	FINAL GAIN	RELEASE RATE
27	8 ms	out	-	31,25			