



This cover sheet must be completed at the beginning of each line, or when parameters change.

GENERAL			
Crew No.	6834	Contract No.	799
Client	COCORP		
Area	NEVADA		
Country	NEVADA		
County	Washoe		
Concession	NEVADA		
State	NEVADA		
Party Mgr.	L. Davis	OB/JO	R. Patten
Line No.	8	Date Staff	M. Richey 10-24-84
Sta. Int.	330' Feet	Meters	Fold 48002
Spread Dimensions	1-31350-96 990' 99		
VP's Increase	N	E	S W
	W → E	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

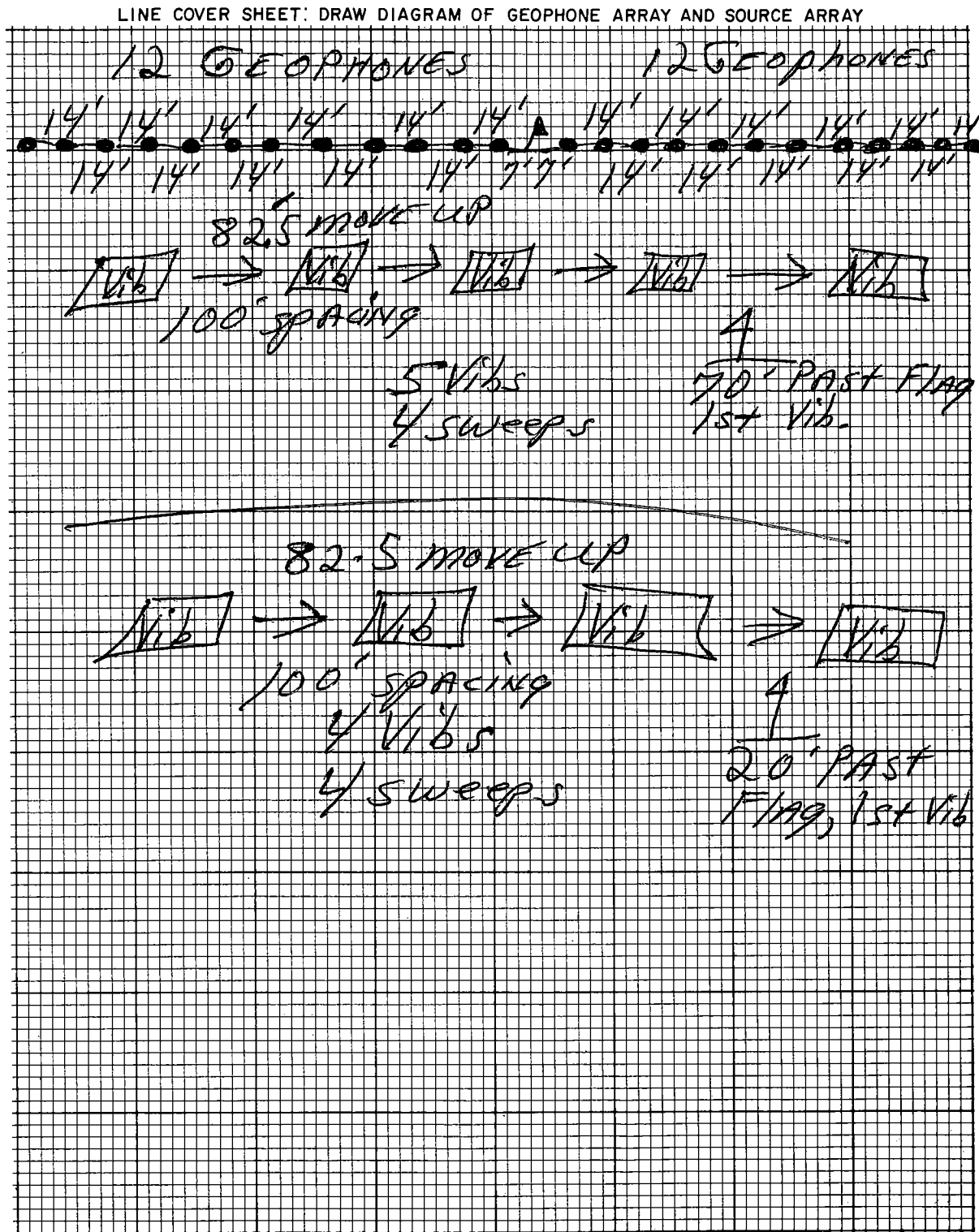
GEOPHONES			
Manufacture	MD 100s	Array Length	322'
Frequency	8 Hz	Array Width	IN LINE
No. per string	2-12	Array Centered	<input checked="" type="checkbox"/> <input type="checkbox"/>
per trace	24 TOTAL	Across Between Sta	<input type="checkbox"/>
Separation String Connected	Ser <input type="checkbox"/> Par <input checked="" type="checkbox"/>	Coil Res.	335 Ohms
Connected at Sta	Ser <input type="checkbox"/> Par <input checked="" type="checkbox"/>	String Phone	
		Shunt Res.	
		Separation between elements in the array	14.34'
			14'

RECORDING SYSTEM	
Type:	MDS-10
Format:	SEG B
No. of Channels:	96
Sample Rate:	8 ms
Record Length:	48 sec
BPI:	800
Low-Cut Filter	Freq: OUT Slope: OUT
High-Cut Filter	Freq: ALIAS 36.25 Slope: OUT
Static Filter	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
Notch Filter	60 Hz In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
UH Ch. On Tape	Wireline On Tape N/A Radio On Tape N/A
Sweep Ch. On Tape	AUX 2 GALVO 50 AUX 4 GALVO 52

ENERGY SOURCE	
Type:	4-Y 1100s vibrators
	1-Y 900 vibrator
Manufacturer:	George E Failing
Source Control:	RCV-310

Dynamite	
Holes/Shotpoint:	N/A
Charge/Shotpoint:	N/A
Pattern Length:	N/A Feet Meters

Surface Source	
Array Length:	489' Feet Meters
No. of drops, sweeps, etc. in array:	4 Sweeps
Sweep Freq:	8 → 32 Hz
Sweep Length:	32 sec
Unit Separation:	5 Vib 100' Feet Meters
Unit Moveup:	82.5 Feet Meters
Array Centered:	Across Sta <input checked="" type="checkbox"/> Between Sta <input type="checkbox"/>



REMARKS: Air Gun Delay, etc.

VARI SOURCE USED Yes  No  Invalid Channels:







## OBSERVER REPORT PETTY-RAY GEOPHYSICAL

PAGE 2 OF 3 PAGES

4

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt Road		DATE MONTH 10 DAY 25 YEAR 84		CLIENT COCORP		OB R. Patten		PM L. Davis		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS					DRIVE		
055	172	75	169			2	429	48							5	4	50%	145					990	
056	173	75	-	170		2											50%							Vibs will be pulling line shaking every station.
057	174	76	-	171		3											50%							
058	175	77	-	172		4											50%							
059	176	78	-	173		5											50%							
060	177	79	-	174		6											50%							Helicopter flying over line.
061	178	80	-	175		7											50%							
062	179	81	-	176		8											50%							
063	180	82	-	177		9											50%							
064	181	83	-	178		10											50%							
065	182	84	-	179		11	429										50%							EOT # 429 Tape MKTs.
066	183	85	-	180		12	430										60db							BOT # 430 # 900 10 sec All ones.
067	183	85	-	180		12											50%							
068	184	86	-	181		13											50%							
069	185	87	-	182		14											50%							
070	186	88	-	183		15											50%							
071	187	89	-	184		16											50%							
072	188	90	-	185		17											50%							
073	189	91	-	186		18											50%							
074	190	92	-	187		19											50%							
075	191	93	-	188		20											50%							
076	192	94	-	189		21											50%							
077	193	95	-	190		22											50%							
078	194	96	-	191		23											50%							
079	195	97	-	192		24	430										50%							EOT # 430 Tape MKTs
080	196	98	-	193		25	431										60db							BOT # 431 # 900 10 sec All ones.
081	196	98	-	193		25											50%							
082	197	99	-	194		26											50%							
083	198	100	-	195		27											50%							
084	199	101	-	196		28											50%							
085	200	102	-	197		29											50%							
086	201	103	-	198		30											50%							



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 8	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Partly cloudy, Dirt Road	TRAIL CONDITIONS	DATE MONTH 10 DAY 26 YEAR 84	CLIENT COCORP	OB R. Patten	PM L. Davis										
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN RAMP or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TAPE	MEMORY MISSED	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
933	Pulse		1	-6	sec		432	48									5	4	50%	189	990	NEVADA, SIERRA CO.
934/935	EINT		2	-"	"																	STA # 167 open due to Road.
936/939	DRD		4	-"	"																	5 Vib 1st Vib nose 70' past Flag,
953/954	Sum TEST		2	-"	"																	100' spacing, 82.5' moveups, 32 sec sweep,
960/961	NRS TEST		2	-"	"																	48 sec Record, Alais 3/25Hz, 4 sweeps
932	Simikavity		1	-32	sec	236	432										5	1	30%	8:25		Sweep Fred 8-72Hz.
105	wind strip		1	-48	sec	6	433	4 ms	Sample Rate	Alais	62.5											EOT # 432 Tape MKTS
106	221	123	-	218		6											5	4	50%	9:30		BOT # 433 #900 10 sec ALL ONES
107	222	124	-	219		7																WINDS ARE Blowing AT 14 1/2
108	223	125	-	220		8																M.P.H.
109	224	126	-	221		9																
110	225	127	-	222		10																
111	226	128	-	223		11																
112	227	129	-	224		12																
113	228	130	-	225		13																
114	229	131	-	226		14																
115	230	132	-	227		15																
116	231	133	-	228		16																
117	232	134	-	229		17	433															
118	233	135	-	230		18	434	windstrip														
119	233	135	-	230		18																
120	234	136	-	231		19																
121	235	137	-	232		20																
122	236	138	-	233		21																
123	237	139	-	234		22																
124	238	140	-	235		23																
125	239	141	-	236		24																
126	240	142	-	237		25																
127	246	145	-	240		28																
128	250	145	-	240		28																
129	254	145	-	240		28																
130	258	145	-	240		28																

Vibs will Be Vibrating every 4th STATION For 15 KAPS, C.D.P. will Remain the same.



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM													
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P.	DIGITAL REEL NO.	GAIN	PARITY			SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR	POSITION		PAMPS or "K"	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE								
6834	8	7:00																								NEVADA, WASHOE CO.
933	Pulse		1	-6	sec		436	48		48 Sweeps										320	990				BOT # 436 #900 10 sec All ones.	
934/935	Fi NT		2	-11	"																				5 Vib, 1st Vib Nose, 70' past Flag	
936/939	DRD		4	-11	"																				100' spacing, 82.5 moveups, 32 sec	
953/954	SUM TEST		2	-11	"																				Sweep, 48 sec Record, Alais 31.25 Hz,	
960/961	NRS TEST		2	-11	"																				4 sweeps, Sweep Freq 8 → 32 Hz.	
932	Similarity		1	-32	sec	236										5	1	30%			9:15					
143	windstrip		1	-48	sec	1				4 ms sample rate				Alais	62.5			60db							LOT OF COWS ON LINE AT #344-345.	
144	246	249	-	344		1										5	4	30%			10:20					
145	247	250	-	345		2												30%								
146	248	251	-	346		3				1								30%								
147	249	252	-	347		4				1								50%								
SKIP	250	253	-	348		5												SKIP							Due to water well	
SKIP	251	254	-	349		6												SKIP							" " " "	
148	252	255	-	350		7												50%								
149	253	256	-	351		8												50%								
150	254	257	-	352		9												50%								
151	255	258	-	353		10												50%								
152	256	259	-	354		11												50%								
153	257	260	-	355		12	436											50%							EOT # 436 Tape mKts.	
154	258	261	-	356		13	437		windstrip									60db							BOT # 437 #900 10 sec All ones.	
155	258	261	-	356		13												50%								
156	259	262	-	357		14				1								50%								
157	260	263	-	358		15												50%							Stacked 1st Half	
SKIP	261	264	-	359		16												SKIP							Due to Trailer houses	
SKIP	262	265	-	360		17												SKIP							" " " "	
158	263	266	-	361		18												50%							Replaced Bad cable	
159	264	267	-	362		19												50%								
160	265	268	-	363		20												50%								
161	266	269	-	364		21												50%								
162	267	270	-	365		22												50%								
163	268	271	-	366		23				1								50%								
164	269	272	-	367		24												50%								

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

9

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Partly Cloudy		TRAIL CONDITIONS Dirt Road		DATE MONTH 10 DAY 29 YEAR 84		CLIENT COCORP		OB R. Patten		PM L. Davis		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE						
165	270	273	-	368	25	437	48								5	4	502	320						Picking up some Leakage on Front of
166	271	274	-	369	26												502							Line. STA * 363, 364, 365 + 366 under water.
167	272	275	-	370	27	437											502							EOT # 437 Tape MKTs.
168	273	276	-	371	28	438			Wind strip								60db							BOT # 438 #900 10 sec All ones
169	273	276	-	371	28				1								502							
170	274	277	-	372	29												502							
171	275	278	-	373	30												502							
172	276	279	-	374	31				1								502							
173	277	280	-	375	32												502							
174	278	281	-	376	33												502							
175	279	282	-	377	34												502							
176	280	283	-	378	35												502							
177	281	284	-	379	36												502							
178	282	285	-	380	37												502							
179	283	286	-	381	38												502							Replaced Bad Cable.
180	284	287	-	382	39												502							
181	285	288	-	383	40	438											502							EOT # 438 Tape MKTs.
182	286	289	-	384	41	439			Wind strip								60db							BOT # 439 #900 10 sec All ones.
183	286	289	-	384	41												502							
184	287	290	-	385	42												502							
185	288	291	-	386	43												502							
186	289	292	-	387	44												502							
187	290	293	-	388	45												502							
188	291	294	-	389	46												502							
189	292	295	-	390	47												502							
190	293	296	-	391	48												502							
191	294	297	-	392	49				1								502							
192	295	298	-	393	36												502	334						Moved Recorder to 334-335.
193	296	299	-	394	37												502							
194	297	300	-	395	38												502							
195	298	301	-	396	39	439											502							EOT # 439 Tape MKTs.
196	299	302	-	397	40	440			Wind strip								60db							BOT # 440 #900 10 sec All ones



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear,		TRAIL CONDITIONS Dirt Road		DATE MONTH 10 DAY 30 YEAR 84		CLIENT Cocorp		OB R. Patton		PM L. Davis	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPES	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS						DRIVE
933	Pulse		1	-6	sec		440	48										370	990	NEVADA WASHOE CO.			
934/935	EINT		2	-	" "															5 Vib, 1st Vib nose 70' past Flag,			
936/939	DRD		4	-	" "															ARRIVE FIELD 7:45			
953/954	Sum Test		2	-	" "															100' spacing, 82.5' move ups, 32 sec sweep, 48 sec Record, Alais 31.25Hz,			
960/961	NRS Test		2	-	" "															4 Sweeps, Sweep Freq 8 → 32Hz.			
932	Similarity		1	-32	sec	236								5	1	30%		9:30		Very wet from STA # 363-366.			
202	Windstrip		1	-48	sec	9														4ms sample rate Alais 62.5 60db			
203	304	307	-	402		9								5	4	50%		10:40		Wind Blowing 8 mph with gust up to 14 mph.			
204	305	308	-	403		10																	
205	306	309	-	404		11								4	4	50%				Vib # 17311 Down, Broken pad legs.			
206	307	310	-	405		12	440													EOT # 440 Tape MLTs.			
207	308	311	-	406		13	441		windstrip											BOT # 441 900 10 sec All ones			
208	308	311	-	406		13																	
209	309	312	-	407		14																	
210	310	313	-	408		15																	
211	311	314	-	409		16																	
212	312	315	-	410		17																	
213	313	316	-	411		18																	
214	314	317	-	412		19																	
215	315	318	-	413		20																	
216	316	319	-	414		21																	
217	317	320	-	415		22																	
218	318	321	-	416		23																	
219	319	322	-	417		24																	
220	320	323	-	418		25	441													EOT # 441 Tape MLTs.			
221	321	324	-	419		26	442		windstrip											BOT # 442 *900 10 sec All ones			
222	321	324	-	419		26																	
223	322	325	-	420		27																	
224	323	326	-	421		28																	
225	324	327	-	422		29																	
226	325	328	-	423		30																	
227	326	329	-	424		31																	

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

12

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear + windy		TRAIL CONDITIONS DIRT ROAD		DATE MONTH 10 DAY 30 YEAR 84		CLIENT COCORP		OB R. Patton		PM L. Davis		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE						
228	327	330	-	425	32	442	48									4	4	50%	370			990		
229	328	331	-	426	33													50%						
230	329	332	-	427	34													50%						
231	330	333	-	428	35													50%						
232	331	334	-	429	36													50%						
233	332	335	-	430	37													50%						
234	333	336	-	431	38	442												50%						EOT # 442 Tape MKTs
235	334	337	-	432	39	443												60db						BOT # 443 * 900 10 sec All ones
236	334	337	-	432	39													50%						
237	335	338	-	433	40													50%						
238	336	339	-	434	41													50%						
239	337	340	-	435	42													50%						
240	338	341	-	436	43													50%						
241	339	342	-	437	44													50%						
242	340	343	-	438	45													50%						
243	341	344	-	439	46													50%						
244	342	345	-	440	47													50%						
245	343	346	-	441	48													50%						
SKIP	344	347	-	442	49													SKIP						Due to water well
SKIP	345	348	-	443	28													SKIP 392						" " " "
246	346	349	-	444	29													50%						moved Recorder to 392-393
247	347	350	-	445	30													50%						
248	348	351	-	446	31	443												50%						EOT # 443 Tape MKTs.
249	349	352	-	447	32	444												60db						BOT # 444 * 900 10 sec All ones.
250	349	352	-	447	32													50%						
251	350	353	-	448	33													50%						
252	351	354	-	449	34													50%						
253	352	355	-	450	35													50%						
254	353	356	-	451	36													50%						
255	354	357	-	452	37													50%						
256	355	358	-	453	38													50%						
257	356	359	-	454	39													50%						



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 8	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Dirt Road	DATE MONTH 10 DAY 31 YEAR 84	CLIENT COCORP	OB R. Patten	PM R. Davis								
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY			SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS				
933	Pulse		1	-	6	sec	445	48											NEVADA WASHOE CO.	
934/935	EINT		2	-	"	"													BOT # 445 * 900 10 sec All ones	
936/939	DRD		4	-	"	"													4 Vib's, 1st Vib start 20' Past	
953/954	Sum TEST		2	-	"	"													ARRIVE FIELD 7:50	
960/961	NRT TEST		2	-	"	"													Flag, 100' spacing, 82.5 move up	
932	Similarity		1	-	32	sec	235												32 sec sweep, 48 sec Record Alias	
264	windstrip		1	-	48	sec	14												31.25 Hz, 4 sweeps, 8 → 32 Hz Sweep	
265	364	367	-	462		14													4ms sample rate, Alias 62.5	
266	365	368	-	463		15													4 4 50% 425 990'	
267	366	369	-	464		16													8:55	
268	367	370	-	465		17													60db	
269	368	371	-	466		18													9:35	
270	369	372	-	467		19														
271	370	373	-	468		20														
272	371	374	-	469		21														
273	372	375	-	470		22														
274	373	376	-	471		23	445													
275	374	377	-	472		24	446	windstrip												
276	374	377	-	472		24														
277	375	378	-	473		25														
278	376	379	-	474		26														
279	377	380	-	475		27														
280	378	381	-	476		28														
281	379	382	-	477		29														
282	380	383	-	478		30														
283	381	384	-	479		31														
284	382	385	-	480		32														
285	383	386	-	481		33														
286	384	387	-	482		34														
287	385	388	-	483		35														
288	386	389	-	484		36	446													
289	387	390	-	485		37	447	windstrip												

F.O.T # 445 TAPE MKTS  
 B.O.T # 446, 900 10 sec ALL ONES  
 F.O.T # 446 TAPE MKTS  
 B.O.T # 447, 900 10 sec ALL ONES

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

15

GEO.-252-D

CREW NO. 6834		LINE # 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt Road		DATE MONTH 10 DAY 31 YEAR 84		CLIENT COLORADO		OB. R. Patton, PM L. Davis		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
290	387	390	-	485	37	447	48								4	4	50%	425	990			
291	388	391	-	486	38												50%					
292	389	392	-	487	39												50%					
293	390	393	-	488	40												30%				stacked 1st HALF, 30% DRIVE.	
SKIP	391	394	-	489	41												SKIP				Due to A WATER WELL!	
294	392	395	-	490	42												50%				stacked LAST HALF, 50% DRIVE.	
295	393	396	-	491	43												50%					
296	394	397	-	492	44												50%					
297	395	398	-	493	45												50%					
298	396	399	-	494	46												50%					
299	397	400	-	495	47												50%					
300	398	401	-	496	48	447											50%				E.O.T #447, TAPE MKTS	
SKIP	399	402	-	497	49	SKIP											SKIP				Due to steep Road.	
SKIP	400	403	-	498	50	SKIP											SKIP				" " " "	
301	401	404	-	499	28	448	WINDSTRIP										60%	448				B.O.T #448, 900 10sec ALL ONES.
302	401	404	-	499	28												50%					Recorder moved up AT #448-449.
303	402	405	-	500	29												50%					
304	403	406	-	501	30												50%					
305	404	407	-	502	31												50%					
306	405	408	-	503	32												50%					
307	406	409	-	504	33												50%					
SKIP	407	410	-	505	34												SKIP					Due to WATER LINES
308	408	411	-	506	35												50%					
309	409	412	-	507	36												50%					
310	410	413	-	508	37												50%					
311	411	414	-	509	38												50%					
312	412	415	-	510	39												50%					
313	413	416	-	511	40												50%					
SKIP	414	417	-	512	41												SKIP					Due to A WATER well.
314	415	418	-	513	42	448											50%					E.O.T #448, TAPE MKTS.
315	416	419	-	514	43	449	WINDSTRIP										60%					B.O.T #449, 900 10sec ALL ONES.
316	416	419	-	514	43												50%					



# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

17

CREW NO. 6834		LINE NO. 8	LEAVE TOWN/CAMP 17:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Dirt Road	DATE MONTH 11 DAY 1 YEAR 84	CLIENT Cocorp	OB R. Patton	PM L. Davis											
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN RAMP	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS					DRIVE	
933	Pulse		1	-6	sec		450	48								4	4	50%	497	990	NEVADA WASHOE CO.	4 Vib, 1st Vib starts 20' past	
934	EINT		2	-"	"																	Flag, 100' spacing, 41.25 move up	
936	DRD		4	-"	"																	ARRIVE FIELD 8:00	4 sweeps, 32 sec sweep, 48 sec
953	Sum TEST		2	-"	"																		Record, Alais 31.25, 8 → 32 Hz
960	NRS TEST		2	-"	"																		sweep Freq.
932	Similarity		1	-32	sec				will take A SIMILARITY LATER ON TODAY													Vib #17311 Down, Broken Pad Legs	
337	Windstrip		1	-48	sec	14			4ms sample RATE, Alais 62.5														
338	436	439	-	534		14										4	4	50%	9:45				
339	437	440	-	535		15												50%					
340	438	441	-	536		16	450											50%					E.O.T #450, TAPE MKTS.
341	439	442	-	537		17	451	Windstrip										60%					B.O.T #451, 900 10sec ALL ONES.
342	439	442	-	537		17												50%					
343	440	443	-	538		18												50%					
344	441	444	-	539		19												50%					
345	442	445	-	540		20												50%					
346	443	446	-	541		21												50%					
347	444	447	-	542		22												50%					
348	445	448	-	543		23												50%					
349	446	449	-	544		24												50%					
350	447	450	-	545		25												50%					
351	448	451	-	546		26												50%					
352	449	452	-	547		27												50%					
353	450	453	-	548		28												50%					
354	451	454	-	549		28	451											50%					EOT #451 Tape MKTS.
355	452	455	-	550		30	452	Windstrip										60%					BOT #452 *900 10sec ALL ONES.
356	452	455	-	550		30												50%					
357	453	456	-	551		31												50%					
358	454	457	-	552		32												50%					
359	455	458	-	553		33												50%					
360	456	459	-	554		34												50%					
361	457	460	-	555		35												50%					
362	458	461	-	556		36												50%					

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

18

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Partly Cloudy		TRAIL CONDITIONS Dirt Road		DATE MONTH 11 DAY 1 YEAR 84		CLIENT CDCORP		OB R. Patten		PM L. Davis	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN RAMP or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY MISSED Sweeps	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
363	459	462	-	557	37	452	48								4	4	508	497	990				
364	460	463	-	558	38												508						
365	461	464	-	559	39												508						
366	462	465	-	560	40												508						
367	463	466	-	561	41												508						Wind picking up Blowing 12 mph, with Gust to 15 mph.
368	464	467	-	562	42	452											508						EOT # 452 Tape MKTs.
369	465	468	-	563	43	453											60db						BOT # 453 #900 10 sec All ones
370	465	468	-	563	43												508						
371	466	469	-	564	44												508						
372	467	470	-	565	45												508						
373	468	471	-	566	46												508						Stacked 1st HALF.
374	469	472	-	567	47												508						Stacked Last HALF.
375	470	473	-	568	48												508						
376	471	474	-	569	49												508						
377	472	475	-	570	23												508	524					Moved Recorder TO 524-525.
378	473	476	-	571	24												508						
379	474	477	-	572	25												508						
380	475	478	-	573	26												508						
381	476	479	-	574	27	453											508						EOT # 453 Tape MKTs
382	477	480	-	575	28	454											60db						BOT # 454 #900 10 sec All ones.
383	477	480	-	575	28												508						Vib # 23652 Down, Broken Bolts IN Top of Mass Bad ATF Leak.

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CROW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER cloudy, wet Dirt Road		TRAIL CONDITIONS		DATE MONTH 11 DAY 6 YEAR 84		CLIENT COCORP		OB R. Patten		PM L. Davis		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE						
933	Pulse		1	-6	sec		454	48								4	4	50%	548	990'				NEVADA WASHOE CO. 4 Vib 1st Vib 20' Past Flag, 100' spacing, 41.25 move up, 4 sweeps
934/935	EINT		2	-	"																			32sec Record, 48sec Record Length
936/939	DRD		4	-	"																			8 > 32Hz Sweep Freq
953/954	Sum TEST		2	-	"																			
960/961	NRS TEST		2	-	"																			
932	Similarity		1	-32	sec	3									4	1	30%		9:05					Vib #17311 Down, Broken Pad Bolts.
384	Windstrip		1	-48	sec	5																		4ms sample RATE, Alias 62.5
385	478	481	-	576		5									4	4	50%		9:35					
386	479	482	-	577		6																		
387	480	483	-	578		7																		
388	481	484	-	579		8																		
389	482	485	-	580		9																		
390	483	486	-	581		10																		
391	484	487	-	582		11																		
392	485	488	-	583		12	454																	
393	486	489	-	584		13	455	windstrip																
394	486	489	-	584		13																		
395	487	490	-	585		14																		
396	488	491	-	586		15																		
SKIP	489	492	-	587		16																		
SKIP	490	493	-	588		17																		
397	491	494	-	589		18																		
398	492	495	-	590		19																		
399	493	496	-	591		20																		
400	494	497	-	592		21																		
401	495	498	-	593		22																		
402	496	499	-	594		23																		
403	497	500	-	595		24																		
404	498	501	-	596		25																		
405	499	502	-	597		26																		
406	500	503	-	598		27	455																	
407	501	504	-	599		28	456	windstrip																

WINDS Blowing At 15-18 MP.H.

E.O. #454, TAPE MKTS.  
B.O. #455, 900/10sec ALL ONES.

Due to Very Rough terrain.

WINDS Blowing At 17 to 20 MP.H.

E.O. #455, TAPE MKTS.  
B.O. #456, 900/10sec ALL ONES.

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH 11 DAY 6 YEAR 84	CLIENT	OB. R. PATON	PM. L. DAVIDS							
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN RAMP	PARITY			SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS				
408	501	504	-	599	28	456	48							4	4	50%	548	990	NEVADA, WASHOE CO.	
409	502	505	-	600	29											50%				
410	503	506	-	601	30											50%				
411	504	507	-	602	31											50%				
412	505	508	-	603	32											50%				
413	506	509	-	604	33											50%				
414	507	510	-	605	34											50%				
415	508	511	-	606	35											50%				
416	509	512	-	607	36											50%				
417	510	513	-	608	37											50%				
418	511	514	-	609	38											50%				
419	512	515	-	610	39											50%				
420	513	516	-	611	40	456										50%				
421	514	517	-	612	41	457	windstrip									60%			E.O.T # 456, TAPE MKTS. B.O.T # 457, 900/10sec. ALL ONES.	
422	514	517	-	612	41											50%				
423	515	518	-	613	42											50%				
424	516	519	-	614	43											50%				
425	517	520	-	615	44											50%				
426	518	521	-	616	45											50%				
427	519	522	-	617	46											50%				
428	520	523	-	618	47											50%			WINDS BLOWING AT 12-15 M.P.H.	
429	521	524	-	619	48											50%				
430	522	525	-	620	49											50%				
431	523	526	-	621	27											50%	571		Recorder moved up at 571 & 572	
432	524	527	-	622	28											50%				
433	525	528	-	623	29											50%				
434	526	529	-	624	30	457										50%			E.O.T # 457, TAPE MKTS B.O.T # 458, 900/10sec. ALL ONES.	
435	527	530	-	625	31	458	windstrip									60%				
436	527	530	-	625	31											50%				
437	528	531	-	626	32											50%				
438	529	532	-	627	33											50%			Light RAIN FALLING ALONG LINE	
439	530	533	-	628	34											50%				



22

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 8	LEAVE TOWN/CAMP 17:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Cloudy, wet	TRAIL CONDITIONS Dirt Road	DATE MONTH 11 DAY 8 YEAR 84	CLIENT COCORP	OP R. Patten	PM L. Davis							
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY	SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR					BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
933	Dulse		1	-6	sec		459	48					4	4	50%	6:17	990	Nevada, was part	
934/935	EINT		2	-"	"													4 Vibs 1st Vib starts 20'	
936/939	DRD		4	-"	"													Past Flag, 100' spacing 4.25	
957/934	SUM TEST		2	-"	"													ARRIVE FIELD 8:00	
960/961	NRS TEST		2	-"	"													move up, 32sec sweep, 48sec	
932	Simixarity		1	-32	sec	235							4	1	30%	8:45		Record, 4 sweeps.	
453	windstrip		1	-48	sec	1												8-732Hz sweep flag.	
454	543	546	-	641		1							4	4	50%	9:40		Vib #17311 Down, Broken PAD	
455	544	547	-	642		2												legs.	
456	545	548	-	643		3													
457	546	549	-	644		4													
458	547	550	-	645		5													
459	548	551	-	646		6	459												
460	549	552	-	647		7	460	windstrip											
461	549	552	-	647		7													
462	550	553	-	648		8													
463	551	554	-	649		9													
464	552	555	-	650		10													
465	553	556	-	651		11													
466	554	557	-	652		12													
467	555	558	-	653		13													
468	556	559	-	654		14													
469	557	560	-	655		15													
470	558	561	-	656		16													
471	559	562	-	657		17													
472	560	563	-	658		18													
473	561	564	-	659		19	460												
474	562	565	-	660		20	461	windstrip											
475	562	565	-	660		20													
476	563	566	-	661		21													
477	564	567	-	662		22													
478	565	568	-	663		23													

STA# 645 OPEN, DUE TO RUNWAY  
 E.O. #459, TAPE MKTS.  
 B.O. #460, 900 10sec ALL ONES

WINDS BLOWING AT 12-15 M.P.H.  
 E.O. #460, TAPE MKTS.  
 B.O. #461, 900 10sec ALL ONES.

NOTE: SNOWING VERY HEAVY  
 ON BACK OF LINE.

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

23

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy, Snow, Wet Road		TRAIL CONDITIONS		DATE MONTH 11 DAY 8 YEAR 84		CLIENT Cocopee		OB. R. Brown		PM J. Davis	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY			SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS					NO. SUMS	DRIVE	
479	566	569	-	664	24	461	48								4	4	50%	617	990'				
480	567	570	-	665	25												50%						
																		12:45		NOTE: STANDING BY DUE TO VERY HEAVY SNOW, STOPPING DUE TO HEAVY SNOW			



25  
OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834 LINE #8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear, Dirt Road		TRAIL CONDITIONS		DATE MONTH 11 DAY 9 YEAR 84		CLIENT cocorp		OB R. PATTON Z. DAVIS				
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS OF "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
506	591	594	-	689	40	463	48							4	4	50%	26	990		Nevada, was not		
507	592	595	-	690	41											50%						
508	593	596	-	691	42											50%						
509	594	597	-	692	43											50%						
510	595	598	-	693	44											50%						
511	596	599	-	694	45											50%						
512	597	600	-	695	46	463										50%				E.O. T#463, TAPE MKTS		
513	598	601	-	696	46	464		WINDSTRIP								60%	667			B.O. T#464, 900 10sec ALONES		
514	598	601	-	696	46											50%				Recorder moved up at 667-668		
515	599	602	-	697	7											50%						
516	600	603	-	698	8											50%						
517	601	604	-	699	9											50%						
518	602	605	-	700	10											50%						
519	603	606	-	701	11											50%						
520	604	607	-	702	12											50%						
521	605	608	-	703	13											50%						
522	606	609	-	704	14											50%						
523	607	610	-	705	15											50%						
524	608	611	-	706	16											50%						
525	609	612	-	707	17											50%						
526	610	613	-	708	18	464										50%	4.45			E.O. T#464, TAPE MKTS.		



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 78		LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Cloudy	TRAIL CONDITIONS DIRT ROAD	DATE MONTH 11 DAY 12 YEAR 84	CLIENT Cocorep	OB R. Patton	PM Z. Davis									
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN RAMP or "K"	PARITY			SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
551	635	638	-	733	26	466	48									4	4	50%	68	990	E.O.T #466, TAPE MKTS.	
552	636	639	-	734	27	467												60%			B.O.T #467, 900 10sec ALL ONES	
553	636	639	-	734	27													50%				
554	637	640	-	735	28													50%				
555	638	641	-	736	29													50%			Replacing bad cable.	
556	639	642	-	737	30													50%				
557	640	643	-	738	31													50%			stacked 1st HALF	
558	641	644	-	739	32													50%			stacked LAST HALF.	
559	642	645	-	740	33													50%				
560	643	646	-	741	34													50%				
561	644	647	-	742	35													50%				
562	645	648	-	743	36													50%				
563	646	649	-	744	37											5	4	50%			Vib #17311, BACK ON LINE.	
564	647	650	-	745	38													50%				
565	648	651	-	746	39	467												50%			E.O.T #467, TAPE MKTS.	
566	649	652	-	747	40	468												60%			B.O.T #468, 900 10sec ALL ONES.	
567	649	652	-	747	40													50%				
568	650	653	-	748	41													50%				
569	651	654	-	749	42													50%				
570	652	655	-	750	43													50%				
571	653	656	-	751	44													50%				
572	654	657	-	752	45													50%				
573	655	658	-	753	46													50%				
574	656	659	-	754	47													50%				
575	657	660	-	755	48													50%				
576	658	661	-	756	49													50%				
577	659	662	-	757	40													50%			Recorder moved up at 694-695	
578	660	663	-	758	41													50%				
579	661	664	-	759	42	468												50%			E.O.T #468, TAPE MKTS	
580	662	665	-	760	43	469												60%			B.O.T #469, 900 10sec ALL ONES	
581	662	665	-	760	43													50%				
582	663	666	-	761	44													50%		4.45		



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CROW NO. 6834		LINE # 8		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER clear, dirt road		TRAIL CONDITIONS		DATE MONTH 11 DAY 14 YEAR 84		CLIENT cocorp		OB. R. PAPER		PM L. JAVIS	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS					DRIVE	
609	687	690	-	785	25	471	48									5	4	50%	737	990'			
610	688	691	-	786	26											4		50%					
611	689	692	-	787	27													50%				Vib #25865, Busted A.T.F. holes	
612	690	693	-	788	28													50%					
613	691	694	-	789	29													50%					
614	692	695	-	790	30													50%					
615	693	696	-	791	31													50%					
616	694	697	-	792	32													50%					
617	695	698	-	793	33													50%					
618	696	699	-	794	34	471												50%				E.O.T #471, TAPE MKTS	
619	697	700	-	795	35	472	windstrip											60%				B.O.T #472, 900 10sec ALLONES	
620	697	700	-	795	35													50%					
621	698	701	-	796	36													50%					
622	699	702	-	797	37											5		50%				Vib #25865, BACK ON LINE.	
623	700	703	-	798	38													50%					
624	701	704	-	799	39													50%					
625	702	705	-	800	40													50%					
626	703	706	-	801	41													50%				stacked 1st HALF.	
627	704	707	-	802	42													50%				Vibs ON shoulder OF High-way	
628	705	708	-	803	43													50%				NOTE: BLAST ON SWEEP #2, FILE 628	
629	706	709	-	804	44													50%					
630	707	710	-	805	45													50%					
631	708	711	-	806	46													50%					
632	709	712	-	807	47	472												50%				E.O.T #472, TAPE MKTS	
633	710	713	-	808	48	473	windstrip											60%				B.O.T #473, 900 10sec ALLONES	
634	710	713	-	808	48													50%				Recorder move up AT 771-772.	
635	711	714	-	809	15													50%				NOTE: WRS IN HOLD, IN POSITION ONE.	
SKIP	712	715	-	810	16													SKIP				Due to Rough shoulder.	
636	713	716	-	811	17													50%					
637	714	717	-	812	18													50%					
638	715	718	-	813	19													50%					
639	716	719	-	814	20													50%					

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

30

CREW NO. 6834		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy, Thunder		TRAFFIC CONDITIONS		DATE MONTH 11 DAY 14 YEAR 84		CLIENT cocorp		OB. R. DAVIS		PM 2 DAVIS		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE				
640	717	720	-	815	21	473	48								5	4	50%	771	990		Nevada, washoe	
641	718	721	-	816	22												50%					
642	719	722	-	817	23												50%					
643	720	723	-	818	24												50%					
644	721	724	-	819	25												50%					
645	722	725	-	820	26												50%					
646	723	726	-	821	27	473											50%				E.O. #473, TAPE MKTS.	
647	724	727	-	822	28	474		winstrip									60%				B.O. #474, 90010sec ALLONES	
648	724	727	-	822	28												50%	4:30				

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy		TRAIL CONDITIONS Shoulder		DATE MONTH 11 DAY 15 YEAR 84		CLIENT COCORP		OB. R. Patten		PM L. Davis	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS OF "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS						DRIVE
933	Pulse		1	-	6	sec	474	48								5	4	50%	799	990	NEVADA, Washoe Co.		
934/935	EINT		2	-	"	"															5 Vib's, 1st Vib starts 70' PAST Flag, 100' spacing, 41.25 MOVE UP.		
936/939	DRD		4	-	"	"															ARRIVE FIELD 7:50 8 → 32 HZ Sweep Freq, 4 Sweeps.		
953/954	Sum TEST		2	-	"	"															32sec Sweep, 48sec Record		
960/961	NRJ TEST		2	-	"	"															Alias 31.25		
932	Similarity		1	-	32	sec	236									5	1	30%	9:30		STA #788 OPEN, Due to River.		
649	Windstrip		1	-	48	sec	1									4ms					SAMPLE RATE, Alias 62.5		
650	725	728	-	823	1											5	4	50%	10:00		lots of traffic along line.		
651	726	729	-	824	2																NRJ. 15 IN POSITION ONE.		
652	727	730	-	825	3																50%		
SKIP	728	731	-	826	4																SKIP		
653	729	732	-	827	5																Due to steep shoulder.		
654	730	733	-	828	6																LEFT SIDE OF ROAD.		
655	731	734	-	829	7																50%		
656	732	735	-	830	8																50%		
SKIP	733	736	-	831	9																SKIP From STA #733 to 735, Due to steep		
657	736	739	-	832	12		474														Shoulder, Vib #23652, Down, engine		
658	737	740	-	835	13		475														B.O. F#475, 900 10sec ALONE. <sup>problems.</sup>		
659	737	740	-	835	13																Vibs on Right SIDE OF ROAD.		
660	738	741	-	836	14																Vib #23652 BACK ON LINE.		
SKIP	739	742	-	837	15																SKIP		
661	740	743	-	838	16																Due to steep shoulder.		
662	741	744	-	839	17																50%		
663	742	745	-	840	18																50%		
664	743	746	-	841	19																50%		
665	744	747	-	842	20																50%		
666	745	748	-	843	21																50%		
667	746	749	-	844	22																50%		
668	747	750	-	845	23																50%		
669	748	751	-	846	24																50%		
670	749	752	-	847	25																50%		
671	750	753	-	848	26		475														50%		
																					E.O. F#475, TAPE MKTS.		

32  
OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 2834		LINE # 8		LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER cloudy	TRAIL CONDITIONS Shoulder	DATE MONTH 11 DAY 15 YEAR 84	CLIENT COCORP	OB R. PATTON	PM Z. DAVIS								
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY			SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS				
672	751	754	-	849	27	476	48							5	4	800	499	990			
673	751	754	-	849	27											50%					
SKIP	752	755	-	850	28											SKIP			Due to steep shoulder.		
674	753	756	-	851	29											50%					
675	754	757	-	852	30											50%					
676	755	758	-	853	31											50%					
677	756	759	-	854	32											50%					
678	757	760	-	855	33											50%					
679	758	761	-	856	34									4		50%			Vib #17311 Down, AIR LEAK.		
680	759	762	-	857	35											50%					
681	760	763	-	858	36											50%					
682	761	764	-	859	37											50%					
683	762	765	-	860	38									5		50%			Vib #17311 BACK ON LINE.		
684	763	766	-	861	39											50%					
685	764	767	-	862	40	476										50%			E.O. + #476, TAPE MKTS		
686	765	768	-	863	41	477										60%			B.O. + #477, 900/10sec ALL ONES.		
687	765	768	-	863	41											50%					
688	766	769	-	864	42											50%					
689	767	770	-	865	43											50%					
690	768	771	-	866	25											50%	818		Recorder moved up at #818 #819.		
691	769	772	-	867	26											50%					
692	770	773	-	868	27											50%					
693	771	774	-	869	28											50%					
694	772	775	-	870	29											50%					
695	773	776	-	871	30											50%					
696	774	777	-	872	31											50%					
697	775	778	-	873	32											50%					
698	776	779	-	874	33											50%					
699	777	780	-	875	34	477										50%			E.O. + #477, TAPE MKTS.		
700	778	781	-	876	35	478										60%			B.O. + #478, 900/10sec ALL ONES.		
701	778	781	-	876	35											50%					
702	779	782	-	877	36											50%			Stacked LAST HALF.		





35  
OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE # 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Partly cloudy, Shoulder		TRAIL CONDITIONS		DATE MONTH 11 DAY 16 YEAR 84		CLIENT COCORP		OB. R. Patton		PM J. Davis	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING				SUR. SOURCES				INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
727	813	816	-	911	25	480	48							5	4	50%	863	990'					
728	814	817	-	912	26											50%							
SKIP	815	818	-	913	27											SKIP							Due to Verix soft shoulder.
729	816	819	-	914	28											50%							
730	817	820	-	915	29											50%							
731	818	821	-	916	30											50%							
732	819	822	-	917	31											50%							
733	820	823	-	918	32											50%							
SKIP	821	824	-	919	33											SKIP							From STA # 821 to 824, steep shoulder.
734	825	828	-	923	37											50%							
735	826	829	-	924	38											50%							
736	827	830	-	925	39											50%							
737	828	831	-	926	40											50%							
738	829	832	-	927	41	480										50%							E.O. T # 480, TAPE MKTS
739	830	833	-	928	42	481	wind strip									60%							B.O. T # 481, 900 10sec ALL ONES
740	830	833	-	928	42											50%							
741	831	834	-	929	43											50%							
742	832	835	-	930	44											50%							
743	833	836	-	931	45											50%							
744	834	837	-	932	46											50%							
745	835	838	-	933	47											50%							
746	836	839	-	934	48											50%							
747	837	840	-	935	49											50%							
748	838	841	-	936	32											50%	881						Recorder move up AT, 881-882.
749	839	842	-	937	33											50%							
750	840	843	-	938	34											50%							
751	841	844	-	1008	35											50%							Note: STA # 938 changes to STA # 1008. E.O. T # 481, TAPE MKTS
752	842	845	-	1009	36	481										50%							
753	843	846	-	1010	37	482	wind strip									60%							B.O. T # 482, 900 10sec ALL ONES.
754	843	846	-	1010	37											50%							
755	844	847	-	1011	38											50%							
756	845	848	-	1012	39											50%							

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

36

GEO-252-D

CREW NO. 6837		LINE NO.		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy, Shoulder		TRAIL CONDITIONS		DATE MONTH 11 DAY 16 YEAR 84		CLIENT cocorp		OB. R. Patton		PM L. Davis	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS					DRIVE	
757	846	849	-	1013	40	482	48							5	4	50%	881	946					
758	847	850	-	1014	41											50%							
759	848	851	-	1015	42											50%							
760	849	852	-	1016	43											50%							
761	850	853	-	1017	44											50%							
762	851	854	-	1018	45											50%							
763	852	855	-	1019	46											50%							
764	853	856	-	1020	47											50%							
<del>764</del>	854	857	-	1021	48											SKIP							
765	855	858	-	1022	49											50%							
766	856	859	-	1023	50	482										50%	4:20					E.O. #482, TAPE MKTS	

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 833 LINE # 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear, Shoulder		TRAIL CONDITIONS		DATE MONTH 11 DAY 17 YEAR 84		CLIENT cocorp		OP M. Richey		PM B. Cassidy			
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS						NO. SUMS	DRIVE
933	Pulse	1	-	6	sec		483	48						5	4	50%	9:30	990			Nevada, Washoe, B.O. #483, 900 10sec ALIONES.		
934	EINT	2	-	"	"																5 Vibs, 1st Vib start 70' PAST		
936	D.R.D	4	-	"	"																ARRIVE Field		
958	Sum	2	-	"	"																8:15		
960	N.R.J	2	-	"	"																	32sec Sweep, 48sec Record, 4 Sweeps.	
932	Similarity	1	-	32	sec	236								5	1	30%	9:15				8732Hz Sweep Freq, Alias 31.25		
767	Winstrip	1	-	4	8sec	2								5	5	60%					lots OF TRAFFIC Along Line		
768	857	860	-	1024		2								5	4	50%	9:50				NRJ is in Position ONE.		
769	858	861	-	1025		3										50%					Stacked LAST HALF.		
770	859	862	-	1026		4										50%					lots OF TRAFFIC Along Line.		
771	860	863	-	1027		5										50%							
772	861	864	-	1028		6										50%							
773	862	865	-	1029		7										50%							
774	863	866	-	1030		8										50%							
775	864	867	-	1031		9										50%							
776	865	868	-	1032		10										50%							
777	866	869	-	1033		11	483									50%						E.O. #483, TAPE MKT	
SKIP	867	870	-	1034		12	SKIP									SKIP						Due to SOFT Shoulder	
778	868	871	-	1035		13	484	Winstrip								60%						R.O. #484, 900 10sec ALIONES.	
779	868	871	-	1035		13										50%							
780	869	872	-	1036		14										50%							
781	870	873	-	1037		15										50%							
782	871	874	-	1038		16										50%							
783	872	875	-	1039		17										50%							
784	873	876	-	1040		18										50%							
785	874	877	-	1041		19										50%							
786	875	878	-	1042		20										50%							
787	876	879	-	1043		21										50%							
788	877	880	-	1044		22										50%							
789	878	881	-	1045		23										50%							
790	879	882	-	1046		24										50%							
791	880	883	-	1047		25	484									50%							E.O. #484, TAPE MKT.

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CROWN NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH 11 DAY 17 YEAR 84	CLIENT	OB	PM									
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR			PAMPS or "K"	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
792	881	884	-	1048	26	485	48		WINDSTRIPE							5	4	60%	930	990		B.O.T #485, 900 10sec ALL ONES
793	881	884	-	1048	26													50%				
794	882	885	-	1049	27													50%				Stacked 1st HALF.
SKIP	883	886	-	1050	28													SKIP				Due to steep terrain.
SKIP	884	887	-	1051	29													SKIP				" " " " " "
795	885	888	-	1052	30													50%				
796	886	889	-	1053	31													50%				
797	887	890	-	1054	32													50%				
798	888	891	-	1055	33													50%				Stacked 1st HALF
SKIP	889	892	-	1056	34													SKIP				Due to very steep terrain.
SKIP	890	893	-	1057	35													SKIP				" " " " " "
799	891	894	-	1058	36													50%				Stacked LAST HALF
800	892	895	-	1059	37													50%				
801	893	896	-	1060	38													50%				
802	894	897	-	1061	39													50%				
803	895	898	-	1062	40													50%				WINDS ARE Blowing At 15-17 M.P.H.
804	896	899	-	1063	41													50%				
805	897	900	-	1064	42	485												50%				E.O.T #485, TAPE MPTS
806	898	901	-	1065	43	486			WINDSTRIPE									60%				B.O.T #486, 900 10sec ALL ONES.
807	898	901	-	1065	43													50%				
808	899	902	-	1066	44													50%				
809	900	903	-	1067	45													50%				
810	901	904	-	1068	46													50%				
811	902	905	-	1069	47													50%				Stacked 1st HALF.
SKIP	903	906	-	1070	48													SKIP				Due to steep shoulder.
812	904	907	-	1071	49													50%				
813	905	908	-	1072	24													50%	1025			Recorder MOVED UP At. 1025-1026
814	906	909	-	1073	25													50%				
815	907	910	-	1074	26													50%				
816	908	911	-	1075	27													50%				
SKIP	909	912	-	1076	28													SKIP				Due to steep shoulder.
817	910	913	-	1077	29													50%				Stacked LAST HALF.

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM	REMARKS															
															FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY TAPE	MEMORY	SHOOTING SIZE	TOP	BOT.	NO CAPS
6834	8					Clear, windy, shadow		11	17	84	Cooper	Whitaker	B. Cassidy																
818	911	914	-	1078	30	486	48																						
819	912	915	-	1079	31	486	4																					E.O.T #486, TAPE MKTS	
820	913	916	-	1080	32	487	wind strip																					B.O.T #487, 90010sec. ALL ONES.	
821	913	916	-	1080	32																								
822	914	917	-	1081	33																								
823	915	918	-	1082	34																								
824	916	919	-	1083	35																								
825	917	920	-	1084	36																								
826	918	921	-	1085	37																								
827	919	922	-	1086	38																								
828	920	923	-	1087	39																								
829	921	924	-	1088	40																								
830	922	925	-	1089	41	487																							E.O.T #487, TAPE MKTS



# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

41

CREW NO. 6834		LINE# 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy, windy, Diff Road		TRAIL CONDITIONS		DATE MONTH 11 DAY 18 YEAR 81		CLIENT COOPER		OB M. R. Kelley		PM B. Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS OF "K"	PARITY		SHOOTING				SR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS					DRIVE	
857	1015	1018	-	1113	27	490	48								5	4	50%	1063	990'				
858	1016	1019	-	1114	28												50%						
859	1017	1020	-	1115	29												50%						
860	1018	1021	-	1116	30												50%						WINDS BLOWING AT 12-15 M.P.H.
861	1019	1022	-	1117	31												50%						
862	1020	1023	-	1118	32												50%						
863	1021	1024	-	1119	33												50%						
864	1022	1025	-	1120	34												50%						
865	1023	1026	-	1121	35												50%						
866	1024	1027	-	1122	36												50%						
867	1025	1028	-	1123	37												50%						
868	1026	1029	-	1124	38												50%						
869	1027	1030	-	1125	39	490											50%						E.O. #490, TAPE MKTS.
870	1028	1031	-	1126	40	491	windstrip										60%						B.O. #491, 900 10sec ALL ONES
871	1028	1031	-	1126	40												50%						
872	1029	1032	-	1127	41												50%						
873	1030	1033	-	1128	42												50%						
874	1031	1034	-	1129	43												50%						
875	1032	1035	-	1130	44												50%						
876	1033	1036	-	1131	45												50%						
877	1034	1037	-	1132	46												50%						
878	1035	1038	-	1133	47												50%						
879	1036	1039	-	1134	48												50%						
880	1037	1040	-	1135	49												50%						
881	1038	1041	-	1136	50	491											50%						STA #1041 OPEN, Due to C.D.P.
882	1039	1042	-	1137	46	492	windstrip										60%						E.O. #491, TAPE MKTS.
883	1039	1042	-	1137	46												50%						B.O. #492, 900 10sec ALL ONES
884	1040	1043	-	1138	47												50%						
885	1041	1044	-	1139	48												50%						
886	1042	1045	-	1140	49												50%						3:00



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

43

GEO-252-D

CREW NO. 6834		LINE # 8		LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Dirt Road	DATE MONTH 11 DAY 19 YEAR 81	CLIENT cover	OB M. Richey	PM B. Cassidy									
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN RAMP or "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS					DRIVE
012	1068	1071	-	1166	26	494	48									5	4	50%	1117	990		
013	1069	1072	-	1167	27													50%				
014	1070	1073	-	1168	28													50%				
015	1071	1074	-	1169	29													50%				
016	1072	1075	-	1170	30													50%				
017	1073	1076	-	1171	31													50%				
018	1074	1077	-	1172	32													50%				
019	1075	1078	-	1173	33													50%				
020	1076	1079	-	1174	34													50%				
021	1077	1080	-	1175	35													50%				
022	1078	1081	-	1176	36	494												50%				
023	1079	1082	-	1177	37	495	windstrip											60%				E.O. #494, TAPE MKTS
932	SIMILARITY				9											5	1	30%				B.O. #495, 900 10sec ALL ONES
024	1079	1082	-	1177	37													50%				SIMILARITY thought the line.
025	1080	1083	-	1178	38													50%				
026	1081	1084	-	1179	39													50%				
027	1082	1085	-	1180	40													50%				
028	1083	1086	-	1181	41													50%				
029	1084	1087	-	1182	42													50%				
030	1085	1088	-	1183	43													50%				
031	1086	1089	-	1184	44													50%				
032	1087	1090	-	1185	45													50%				
033	1088	1091	-	1186	46													50%				
034	1089	1092	-	1187	47													50%				
035	1090	1093	-	1188	48	495												50%				
036	1091	1094	-	1189	46	496	windstrip											60%	1150			E.O. #495, TAPE MKTS
037	1091	1094	-	1189	46													50%				B.O. #496, 900 10sec ALL ONES
038	1092	1095	-	1190	47													50%				Recorder picked up at 1150-1151
039	1093	1096	-	1191	48													50%				
040	1094	1097	-	1192	49													50%				
041	1095	1098	-	1193	50													50%				
042	1096	1099	-	1194	51													50%				

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

44

GEO-252-D

CREW NO. 6834		LINE # 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear, Dirt Road		TRAIL CONDITIONS		DATE MONTH 11 DAY 19 YEAR 84		CLIENT Coors		OB. M. Richey		PM. L. Davis	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS					NO. SUMS	DRIVE	
043	1097	1100	-	1195	22	496	48							5	4	50%	1150	990					
044	1098	1101	-	1196	23											50%							
045	1099	1102	-	1197	24											50%							
046	1100	1103	-	1198	25											50%							
047	1101	1104	-	1199	26											50%							
048	1102	1105	-	1200	27											50%							
049	1103	1106	-	1201	28	496										50%							
050	1104	1107	-	1202	29	497	windstrip									60%						E.O.#496, TAPE MKTS. B.O.#497, 900 10sec ALLOWES	
051	1104	1107	-	1202	29											50%							
052	1105	1108	-	1203	30											50%							
053	1106	1109	-	1204	31											50%							
054	1107	1110	-	1205	32											50%							
055	1108	1111	-	1206	33											50%							
056	1109	1112	-	1207	34											50%							
057	1110	1113	-	1208	35											50%		4:25					

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

4.

CREW NO. 6834		LINE # 8		LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Partly cloudy dirt Road	TRAIL CONDITIONS	DATE MONTH 11 DAY 20 YEAR 84	CLIENT cocorp	OB M. Richer	PM B. Cassidy							
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY	SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR					TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.				
933	Pulse	1	-	6	sec		497	48							5	4	50%	1185	990'	5 Vib, 1st Vib starts 70' past Flag, 100' spacing, 82.5 move up
934	SEINT	2	-	"	"															ARRIVE Field 7:30
939	D.R.D	4	-	"	"															32 sec sweep, 48 sec Record, 4 sweeps.
953	SLM	2	-	"	"															ANAs 31.25, 8-32 Hz Sweep Freq.
960	N.R.T	2	-	"	"															
932	similarity	1	-	32	sec	236								5	1	30%		8:30		
058	WIND strip	1	-	48	sec	1														Yms sample RATE, ANAs 6.25
059	1111	1114	-	1209		1								5	4	50%		9:10		
060	1112	1115	-	1210		2	497													E.O. #497, TAPE MKTS
061	1113	1116	-	1211		3	498													B.O. #498, 900 10sec ALLOWES
062	1113	1116	-	1211		3														
063	1114	1117	-	1212		4														
064	1115	1118	-	1213		5														
065	1116	1119	-	1214		6														
066	1117	1120	-	1215		7														
067	1118	1121	-	1216		8														
068	1119	1122	-	1217		9														
069	1120	1123	-	1218		10														
070	1121	1124	-	1219		11														
071	1122	1125	-	1220		12														
072	1123	1126	-	1221		13														
073	1124	1127	-	1222		14														
074	1125	1128	-	1223		15	498													
075	1126	1129	-	1224		16	499													
076	1126	1129	-	1224		16														
077	1127	1130	-	1225		17														
078	1128	1131	-	1226		18														
079	1129	1132	-	1227		19														
080	1130	1133	-	1228		20														
081	1131	1134	-	1229		21														
082	1132	1135	-	1230		22														
083	1133	1136	-	1231		23														

Vibs HAVING A HARD TIME RECEIVING TONES. Due to Rolling Hills.

Vibs ARE STARTING TO RECEIVE TONES BETTER.

BLAST ON SWEEP #2, FILE #082

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6839 LINE # 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt Road		DATE MONTH 11 DAY 20 YEAR 84		CLIENT cocael		OB M. Richey PM B. Cassidy				
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	SHOOTING SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR											N. UNITS	NO. SUMS	DRIVE				
084	1134	1137	-	1232	24	499										5	4	50%	1185	990'		
085	1135	1138	-	1233	25													50%				
086	1136	1139	-	1234	26													50%				
089	1137	1140	-	1235	27													50%				
088	1138	1141	-	1236	28	499												50%				E.O.#499, TAPE MKTS
089	1139	1142	-	1237	29	500	windstrip											60%				B.O.#500, 900 10sec ALL ONES.
090	1139	1142	-	1237	29													50%				
091	1140	1143	-	1238	30													50%				
092	1141	1144	-	1239	31													50%				
093	1142	1145	-	1240	32													50%				
094	1143	1146	-	1241	33													50%				
095	1144	1147	-	1242	34													50%				
096	1145	1148	-	1243	35													50%				
097	1146	1149	-	1244	36													50%				
098	1147	1150	-	1245	37													50%				
099	1148	1151	-	1246	38													50%				
100	1149	1150	-	1247	39													50%				
101	1150	1153	-	1248	40													50%				
102	1151	1154	-	1249	41	500												50%				E.O.#500, TAPE MKTS
103	1152	1155	-	1250	42	501	windstrip											60%				B.O.#501, 900 10sec #11 ONES
104	1152	1155	-	1250	42													50%				
105	1153	1156	-	1251	43													50%				
106	1154	1157	-	1252	44													50%				
107	1155	1158	-	1253	45													50%				
108	1156	1159	-	1254	46													50%				
109	1157	1160	-	1255	47													50%				
110	1158	1161	-	1256	48													50%				
111	1159	1162	-	1257	49													50%				
112	1160	1163	-	1258	15													50%	1220			Recorder moved up at 1220-1221
113	1161	1164	-	1259	16													50%				
114	1162	1165	-	1260	17											4		50%				Vib #17311 DOWN, BACK ENGINE troubles.
115	1163	1166	-	1261	18													50%				

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

47

CREW NO. 6834		LINE # 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy		TRAIL CONDITIONS Dirt Road		DATE MONTH 11 DAY 20 YEAR 89		CLIENT COCORP		OB M. Richey		PM B. Cassidy				
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS					
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS					DRIVE				
116	1164	1167	-	1262	19	501	48							4	4	50%	1220	990						E.O.T #501, TAPE MKTS.		
117	1165	1168	-	1263	20	502	windstrip									60%								B.O.T #502, 900 10sec ALIQUOTS		
118	1165	1168	-	1263	20											50%								light RAIN FALLING ON LINE		
119	1166	1169	-	1264	21											50%										
120	1167	1170	-	1265	22											50%										
121	1168	1171	-	1266	23											50%										
122	1169	1172	-	1267	24											50%										
123	1170	1173	-	1268	25											50%										
124	1171	1174	-	1269	26											50%										
125	1172	1175	-	1270	27											50%										
126	1173	1176	-	1271	28											50%										
127	1174	1177	-	1272	29											50%										
128	1175	1178	-	1273	30											50%										
129	1176	1179	-	1274	31											50%										
130	1177	1180	-	1275	32	502										50%									E.O.T #502, TAPE MKTS	
131	1178	1181	-	1276	33	503	windstrip									60%									B.O.T #503, 900 10sec ALIQUOTS	
132	1178	1181	-	1276	33											50%										
133	1179	1182	-	1277	34											50%										
134	1180	1183	-	1278	35											50%										
135	1181	1184	-	1279	36											50%										
136	1181	1184	-	1279	36											50%										
137	1181	1184	-	1279	36											50%										
138	1181	1184	-	1279	36	503										50%										
139	1182	1185	-	1280	37	504	windstrip									60%										B.O.T #504, 900 10sec ALIQUOTS
140	1182	1185	-	1280	37											50%										
141	1182	1185	-	1280	37											50%										
142	1182	1185	-	1280	37											50%										
143	1182	1185	-	1280	37											50%										
144	1183	1186	-	1281	38											50%										
145	1183	1186	-	1281	38	504										50%										E.O.T #504, TAPE MKTS

4

test

change the RANGE to 56, 8764 Hz  
 sweep Freq, 62.5 Alias, 4ms Sample  
 Rate, Dump every sweep.  
 E.O.T #503, TAPE MKTS  
 B.O.T #504, 900 10sec ALIQUOTS

4:30

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D		CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OR	PM	REMARKS			
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.				
933	Pulse 1	-6	sec			505	48						5	4	50%	1256	990'	B.O. #505, 900 10sec ALL ONES.	
935	EINT 2	-"	"															5 Vib, 1st Vib STARTS 70' Past	
936	DR. 4	-"	"															ARRIVE Field Flag 82.5 MOVE UP, 100' spacing	
953	sum test 2	-"	"															8:20 Alias 31.25, 8 > 32Hz Sweep Freq	
960	NARS 2	-"	"															32sec sweep, 48sec Record, 4sweeps.	
932	Similarity 1	-32	sec		235								4	1	30%	9:20		Vib #17311 Down, BACK MASS Problems.	
146	Windstrip 1	-48	sec		2			4ms	sample RATE, Alias	62.5					60%				
147	1183	1186	-	1281	2								4	4	50%	10:15			
148	1184	1187	-	1282	3										50%				
149	1185	1188	-	1283	4										50%				
150	1186	1189	-	1284	5										50%				
151	1187	1190	-	1285	6										50%				
152	1188	1191	-	1286	7										50%				
153	1189	1192	-	1287	8										30%				
154	1190	1193	-	1288	9										50%				
155	1191	1194	-	1289	10										50%				
156	1192	1195	-	1290	11	505									50%			E.O. #505, TAPE MKTS.	
157	1193	1196	-	1291	12	506	Windstrip								60%			B.O. #506, 900 10sec ALL ONES	
158	1193	1196	-	1291	12										50%				
159	1194	1197	-	1292	13										50%				
160	1195	1198	-	1293	14										50%				
161	1196	1199	-	1294	15										50%				
162	1197	1200	-	1295	16										50%				
163	1198	1201	-	1296	17										50%				
164	1199	1202	-	1297	18										50%				
165	1200	1203	-	1298	19										50%				
166	1201	1204	-	1299	20										50%				
167	1202	1205	-	1300	21										50%				
168	1203	1206	-	1301	22										50%				
169	1204	1207	-	1302	23										50%				
170	1205	1208	-	1303	24	506									50%			E.O. #506, TAPE MKTS	
171	1206	1209	-	1304	25	507	Windstrip								60%			B.O. #507, 900 10sec ALL ONES	

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

49

CREW NO. 6834		LINE NO. #8		LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH 11 DAY 23 YEAR 84	CLIENT	OB	PM								
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS OF "K"	PARITY TAPE	MEMORY	SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR					SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
172	1206	1209	-	1304	25	507	48								4	4	50	1256	990'		
173	1207	1210	-	1305	26												50%				
174	1208	1211	-	1306	27												50%				
175	1209	1212	-	1307	28												50%				
176	1210	1213	-	1308	29												50%				
177	1211	1214	-	1309	30												50%				
178	1212	1215	-	1310	31												50%				
179	1213	1216	-	1311	32												50%				
180	1214	1217	-	1312	33												50%				
181	1215	1218	-	1313	34												50%				
182	1216	1219	-	1314	35												50%				
183	1217	1220	-	1315	36												50%				
184	1218	1221	-	1316	37	507											50%			E.O. + #507, TAPE MKTS	
185	1219	1222	-	1317	38	508		WINDSKIP									60%			B.O. + #508, 900 10sec ALL ONES.	
186	1219	1222	-	1317	38												50%				
187	1220	1223	-	1318	39												50%				
188	1221	1224	-	1319	40												50%				
189	1222	1225	-	1320	41												50%				
190	1223	1226	-	1321	42												50%				
191	1224	1227	-	1322	43												50%				
192	1225	1228	-	1323	44												50%				
193	1226	1229	-	1324	45												50%				
194	1227	1230	-	1325	46												50%				
195	1228	1231	-	1326	47												50%				
196	1229	1232	-	1327	48												50%				
197	1230	1235	-	1328	49	508											50%			E.O. + #508, TAPE MKTS.	
198	1231	1234	-	1329	30	509		WINDSKIP									60%	1276		B.O. + #509, 900 10sec ALL ONES	
199	1231	1234	-	1329	30												50%			Recorder moved up at STA #1276-1277.	
200	1232	1235	-	1330	31												50%				
201	1233	1236	-	1331	32												50%				
202	1234	1237	-	1332	33												50%				
203	1235	1238	-	1333	34												50%				

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

59

GEO-252-D

CREW NO. 6834		LINE # 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy, Dist Road		TRAIL CONDITIONS		DATE MONTH 11 DAY 23 YEAR 84		CLIENT S/CORP		OB M. Richey		PM B. Cassidy		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE						
204	1236	1237	-	1334	35	509	48									4	4	50%	12%	990'				
205	1237	1240	-	1335	36													50%						
206	1238	1241	-	1336	37													50%						
207	1239	1242	-	1337	38													50%						
208	1240	1243	-	1338	39													50%						
209	1241	1244	-	1339	40													50%						
210	1242	1245	-	1340	41													50%						
211	1243	1246	-	1341	42	509												50%		4:15	E.O. #509, TAPE MKYS.			

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE # 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy, light snow, wind		TRAIL CONDITIONS		DATE MONTH 11 DAY 25 YEAR 84		CLIENT eccorps		O.B. M. Pichay		P.M. B. Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS						DRIVE
933	Pulse	1	-	6	sec		510	48							4	4	50%	990'			Washoe, Nevada		
934	FINT	2	-	"	"																B.O. #510, 900/10sec ALL ONES		
935	D.R.D	4	-	"	"																4 Vib 1st Vib STARTS 20		
952	Sum	2	-	"	"																ARRIVE Field 8:15		
954	Test	2	-	"	"																Past Flag, 82.5 move up, 100' spacing 32sec Sweep, 48sec		
961	N.R.S	2	-	"	"																Rec'd 4 sweeps, Alias 3125 8732Hz		
932	Similarity	1	-	32	sec	2								4	1	30%	9:25				Sweep Freq. Vib 17311 Down,		
212	Windstrip	1	-	48	sec	14															4ms sample RATE, Alias 62.5.		
213	1244	1247	-	1342		14								4	4	50%	10:05				BACK MASS Problems.		
214	1245	1248	-	1343		15										50%							
215	1246	1249	-	1344		16										50%							
216	1247	1250	-	1345		17										50%							
217	1248	1251	-	1346		18										50%							
218	1249	1252	-	1347		19										50%							
219	1250	1253	-	1348		20										50%							
220	1251	1254	-	1349		21										50%							
221	1252	1255	-	1350		22										50%							
222	1253	1256	-	1351		23	510									50%					E.O. #510, TAPE MKTS		
223	1254	1257	-	1352		24	511	Windstrip								60%					B.O. #511, 900/10sec ALL ONES		
224	1254	1257	-	1352		24										50%							
225	1255	1258	-	1353		25		1								50%							
226	1256	1259	-	1354		26										50%							
227	1257	1260	-	1355		27										50%							
228	1258	1261	-	1356		28										50%							
229	1259	1262	-	1357		29										50%							
230	1260	1263	-	1358		30										50%							
231	1261	1264	-	1359		31										50%							
232	1262	1265	-	1360		32										50%							
233	1263	1266	-	1361		33										50%							
234	1264	1267	-	1362		34										50%							
235	1265	1268	-	1363		35										50%							
236	1266	1269	-	1364		36	511									50%					E.O. #511, TAPE MKTS.		
237	1267	1270	-	1365		37	512	Windstrip								60%					B.O. #512, 900/10sec ALL ONES		

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6234		LINE NO. A8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy, Snowy, Dist. Fog		TRAIL CONDITIONS		DATE MONTH 11 DAY 25 YEAR 84		CLIENT cocorp		OB. A. J. J. PM B.C.	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING				SUR. SOURCES		INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS					NO. SUMS
238	1267	1270	-	1365	37	512	48							4	4	50%	1305	990'			
239	1268	1271	-	1366	38											50%					
240	1269	1272	-	1367	39											50%					
241	1270	1273	-	1368	40											50%					
242	1271	1274	-	1369	41											50%					
243	1272	1275	-	1370	42											50%					
244	1273	1276	-	1371	43											50%					
245	1274	1277	-	1372	44											50%					
246	1275	1278	-	1373	45											50%					
247	1276	1279	-	1374	46											50%					
248	1277	1280	-	1375	47											50%					
249	1278	1281	-	1376	48	512										50%			E.O. #512, TAPE MKTS.		
SKIP	1279	1282	-	1377	49	SKIP										SKIP			Due to cross country.		
SKIP	1280	1283	-	1378	50	SKIP										SKIP			''''''''		
250	1281	1284	-	1379	16	513	wind strip									50%			B.O. #513, 900 10sec ALL ONES.		
251	1281	1284	-	1379	16											50% 1340			Recorder moved up at 340-341		
252	1282	1285	-	1380	17											50%					
253	1283	1286	-	1381	18											50%					
254	1284	1287	-	1382	19											50%					
255	1285	1288	-	1383	20											50%					
256	1286	1289	-	1384	21											50%					
257	1287	1290	-	1385	22											50%					
258	1288	1291	-	1386	23											50%					
259	1289	1292	-	1387	24											50%					
260	1290	1293	-	1388	25											50%					
261	1291	1294	-	1389	26											50%					
262	1292	1295	-	1390	27											50%					
263	1293	1296	-	1391	28	513										50%			E.O. #513, TAPE MKTS.		
264	1294	1297	-	1392	29	514	wind strip									60%			B.O. #514, 900 10sec ALL ONES.		
265	1294	1297	-	1392	29											50%					
266	1295	1298	-	1393	30											50%					
267	1296	1299	-	1394	31											50%					

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

53

GEO-252-D

CREW NO.	LINE NO.	LEAVE TOWN/CAMP				ARRIVE TOWN/CAMP		TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS		DATE		CLIENT	OB	PM	REMARKS				
		TR	TR	TR	TR	POSITION	REEL NO.				SHOOTING	N. UNITS	NO. SUMS	MONTH					DAY	YEAR		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P.	DIGITAL REEL NO.	GAIN	PARITY		SHOOTING			SUR. SOURCES		INST. SET UP	TIME DAY	STA. OFFSET TO LINE				
		TR	TR	TR	TR			PAMPS or "K"	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.			DRIVE				
268	1297	1300	-	1395	32	514	48															
269	1298	1301	-	1396	33																	
270	1299	1302	-	1397	34																	
271	1300	1303	-	1398	35																	3:30

*Cloudy, dirt road*

*50% sweep*

*# 4*

*50%*

*50%*

*50%*

*50%*

*1340*

*990*

*3:30*

DATE MONTH 11 DAY 25 YEAR 84 CLIENT *COCA* OB *R. Patton* PM *P.C.*

54  
OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP 6:30		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS DIRT ROAD		DATE MONTH 11 DAY 27 YEAR 84		CLIENT COCORP		OB. R. Patton		PV B. Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY			SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
933	Pulse		1	-6	sec		514	48							4	4	50%	1375		990	NEVADA, Washoe CO.		
934/935	EINT		2	-"	"																4 Vib's 1st Vib starts 20' Past Flag		
936/939	DRD		4	-"	"																ARRIVE FIELD 7:45 82.5 move ups 100' spacing, 32 sec sweep, 48 sec Record, 4 sweeps, Alias 31.25Hz, 8 → 32Hz Sweep Freq.		
953/954	Sum test		2	-"	"																Vib * 17311 DOWN Back mass Problems		
960/961	NRS Test		2	-"	"																		
932	Similarity		1	-32	sec	6									4	1	30%			9:40			
272	windstrip		1	-48	sec	1															4 ms sample Rate Alias @ 2.5 66db		
273	1301	1304	-	1399		1									4	4	50%			10:10			
274	1302	1305	-	1400		2	514										50%				E.O. #514, TAPE MKTS.		
275	1303	1306	-	1401		3	515	windstrip									60%				B.O. #515, 900/10sec @ 11 ONES.		
276	1303	1306	-	1401		3											50%						
277	1304	1307	-	1402		4											50%						
278	1305	1308	-	1403		5											50%						
279	1306	1309	-	1404		6											50%						
280	1307	1310	-	1405		7											50%				NOTE: WINDS BLOWING 12-15 MPH		
281	1308	1311	-	1406		8											50%						
282	1309	1312	-	1407		9											50%						
283	1310	1313	-	1408		10											50%						
284	1311	1314	-	1409		11											50%						
285	1312	1315	-	1410		12		1									50%						
286	1313	1316	-	1411		13											50%						
287	1314	1317	-	1412		14											50%						
288	1315	1318	-	1413		15	515										50%				E.O. #515, TAPE MKTS.		
289	1316	1319	-	1414		16	516	windstrip									60%				B.O. #516, 900/10sec @ 11 ONES.		
290	1316	1319	-	1414		16											50%						
291	1317	1320	-	1415		17											50%						
292	1318	1321	-	1416		18											50%						
293	1319	1322	-	1417		19											50%						
294	1320	1323	-	1418		20											50%						
295	1321	1324	-	1419		21											50%						
296	1322	1325	-	1420		22											50%						
297	1323	1326	-	1421		23											50%						



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEOP-252-D

CREW NO. 6834		LINE # 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy, Dirt Road		TRAIL CONDITIONS		DATE MONTH 11 DAY 27 YEAR 84		CLIENT cocorp		OB R. PATTEN		PM B. Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
330	1354	1357	-	1452	28	518	48									4	4	50%	1401	990	E.O. #518, TAPE MKTS.		
331	1355	1358	-	1453	29	519	windstrip											60%			B.O. #519, 900 10sec ALLONES.		
332	1355	1358	-	1453	29													50%					
333	1356	1359	-	1454	30													50%					
334	1357	1360	-	1455	31													50%					
335	1358	1361	-	1456	32													50%					
336	1359	1362	-	1457	33													50%					
337	1360	1363	-	1458	34													50%					
338	1361	1364	-	1459	35													50%					
339	1362	1365	-	1460	36													50%					
340	1363	1366	-	1461	37													50%	4:30				



58  
OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP 6:30		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS DIRT ROAD		DATE MONTH 11 DAY 29 YEAR 84		CLIENT COCORP		OB R. Patton		PM B. Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS							
933	Pulse		1	-	6	sec	521	48									1456	990	NEVADA Churchill CO.				
934/935	FINT		2	-	"	"													4 Vib 1st Vib stays 20' past Flag				
936/939	DRD		4	-	"	"													ARRIVE FIELD 7:35 100' spacing, 82.5 move ups, 32 sec sweep, 48 sec Record, 4 sweeps, ALIAS				
953/954	Sum Test		2	-	"	"													31.25hz, 8 → 32hz Sweep Freq.				
960/961	NRT Test		2	-	"	"													Vib # 17311 Down Back mass problems.				
932	Similarity		1	-	32	sec	235							4	1	30%	10:10						
361	windstrip		1	-	48	sec	1												4 ms Sample Rate ALIAS 62.5 66db				
362	1382	1385	-	1480		1								4	4	50%	10:40						
363	1383	1386	-	1481		2										50%							
364	1384	1387	-	1482		3	521									50%			EOT # 521 Tape MKTs.				
365	1385	1388	-	1483		4	522									66db			BOT # 522 # 900 10 sec All ones				
366	1385	1388	-	1483		4										50%							
SKIP	1386	1389	-	1484		5										SKIP			Due to wet soft part of Road.				
367	1387	1390	-	1485		6										50%			Stacked Last Half				
368	1388	1391	-	1486		7										50%							
369	1389	1392	-	1487		8										50%							
370	1390	1393	-	1488		9										50%			Stacked 1st Half.				
SKIP	1391	1394	-	1489		10										SKIP			Due to soft + wet Road.				
371	1392	1395	-	1490		11										50%			Pump Running AT STA # 1491 + 1492				
372	1393	1396	-	1491		12										50%							
373	1394	1397	-	1492		13										30%			Low Drive Due to soft wet Road Conditions.				
374	1395	1398	-	1493		14										30%							
375	1396	1399	-	1494		15										30%							
376	1397	1400	-	1495		16										30%			Vibs IN Between two mountains, missing				
377	1398	1401	-	1496		17										30%			Some TONES.				
378	1399	1402	-	1497		18	522									30%			EOT # 522 Tape MKTs.				
379	1400	1403	-	1498		19	523									66db			BOT # 523 # 900 10 sec All ones.				
380	1400	1403	-	1498		19										30%							
381	1401	1404	-	1499		20										50%			High Drive				
382	1402	1405	-	1500		21										50%							
383	1403	1406	-	1501		22										50%							
384	1404	1407	-	1502		23										50%							

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

59

GEO-252-D

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy		TRAIL CONDITIONS DIRT Road		DATE MONTH 11 DAY 29 YEAR 84		CLIENT COCORP		OB R. Patten		PM B. Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
385	1405	1408	-	1503	24	523	48									4	4	508	1456	990'			
386	1406	1409	-	1504	25													302		Low Drive			
387	1407	1410	-	1505	26													302					
388	1408	1411	-	1506	27													302					
389	1409	1412	-	1507	28													302					
390	1410	1413	-	1508	29													302					
391	1411	1414	-	1509	30													302					
392	1412	1415	-	1510	31	523												302					EOT # 523 Tape MKTs.
393	1413	1416	-	1511	32	524												66db					BOT # 524 *900 10 sec All ones.
394	1413	1416	-	1511	32													302					
395	1414	1417	-	1512	33													502		High Drive			
396	1415	1418	-	1513	34													302		Low Drive			Due to Road Conditions.
397	1416	1419	-	1514	35													302					
398	1417	1420	-	1515	36													302					
399	1418	1421	-	1516	37													302					
400	1419	1422	-	1517	38													302					
401	1420	1423	-	1518	39													302					
402	1421	1424	-	1519	40													302					
403	1422	1425	-	1520	41													302					
404	1423	1426	-	1521	42													302					
405	1424	1427	-	1522	43													302					
406	1425	1428	-	1523	44	524												302					EOT # 524 Tape MKTs.
407	1426	1429	-	1524	27	525												66db					BOT # 525 *900 10 sec All ones
408	1426	1429	-	1524	27													302		1474			Moved Recorder to 1474-1475.
409	1427	1430	-	1525	28													302					
410	1428	1431	-	1526	29													302					
411	1429	1432	-	1527	30													302					
412	1430	1433	-	1528	31													302					
413	1431	1434	-	1529	32													302					
414	1432	1435	-	1530	33													302					Stacked 1st Half.
415	1433	1436	-	1531	34													302					Stacked Last Half
416	1434	1437	-	1532	35													302					4:15

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

60

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP 6:30		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Partly cloudy, Dirt Road		TRAIL CONDITIONS		DATE MONTH 11 DAY 30 YEAR 84		CLIENT COCORP		OB R. Patton		PM B. Cassidy		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN RAMP	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE						
933	Pulse		1	-	6	sec	525	48																NEVADA Churchill Co
934/935	EINT		2	-	"	"																		4 Vib, 1st vib starts 20' past Flag
936/939	DRD		4	-	"	"																		ARRIVED FIELD 7:35
953/954	Sum Test		2	-	"	"																		100' spacing, 82.5 moveups 32 sec sweep, 48 sec Record, 4 sweeps, Alias
960/961	NRJ Test		2	-	"	"																		31.25 Hz, 8 → 32 Hz Sweep Freq.
932	Similarity		1	-	32	sec	235	525						4	1	30%								EOT # 525 Tape MKTs.
417	windstrip		1	-	48	sec	1	526																4 mss sample Rate Alias 62.5 66db
418	1435	1438	-	1533		1								4	4	50%								BOT # 526 #900 10 sec All ones
419	1436	1439	-	1534		2										50%								
420	1437	1440	-	1535		3										50%								
421	1438	1441	-	1536		4										30%								Low Drive due to Road Conditions.
422	1439	1442	-	1537		5										30%								
423	1440	1443	-	1538		6										30%								
424	1441	1444	-	1539		7										30%								
425	1442	1445	-	1540		8										30%								
426	1443	1446	-	1541		9										30%								
427	1444	1447	-	1542		10										30%								Wind Blowing 12 TO 14 MPH.
428	1445	1448	-	1543		11										30%								
429	1446	1449	-	1544		12	526									30%								EOT # 526 Tape MKTs.
430	1447	1450	-	1545		13	527									66db								BOT # 527 #900 10 sec All ones.
431	1447	1450	-	1545		13										30%								
432	1448	1451	-	1546		14										30%								
433	1449	1452	-	1547		15										30%								
434	1450	1453	-	1548		16										30%								
435	1451	1454	-	1549		17										30%								
436	1452	1455	-	1550		18										30%								
437	1453	1456	-	1551		19										30%								
438	1454	1457	-	1552		20										30%								
439	1455	1458	-	1553		21										30%								
440	1456	1459	-	1554		22										30%								
441	1457	1460	-	1555		23										30%								
442	1458	1461	-	1556		24										30%								Wind has now Dropped down to About 10 MPH.



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP 6:30		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy		TRAIL CONDITIONS Dirt Road		DATE MONTH 12 DAY 1 YEAR 84		CLIENT COCORP		OB R. Patton		PM B. Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS					DRIVE	
933	Pulse		1	-	6	sec	529	48								4	4	50%	50%	990			NEVADA, Churchill Co.
934/935	EINT		2	-	"	"																	Vib #17311 Down, Back mass problems.
936/939	DRD		4	-	"	"																	4 Vib 1st Vib starts 20' past Flag
953/954	Sum Test		2	-	"	"																	100' spacing 82.5 move ups, 32 sec sweep, 48 sec Record, 4 Sweeps,
960/961	NRJ Test		2	-	"	"																	ALIAS 31.25hz, 8-32hz sweep Freq.
932	Similarity		1	-	32	sec																	NO similarity ON TAPE, will take one later.
461	windstrip		1	-	48	sec	41																4ms Sample Rate ALIAS 62.5 66db
462	1475/1478		-	1573		41										4	4	50%		8:45			
463	1476/1479		-	1574		42												50%					
464	1477/1480		-	1575		43												50%					
465	1478/1481		-	1576		44												50%					
466	1479/1482		-	1577		45												50%					got Blast ON sweep #3 VP# 1480
467	1480/1483		-	1578		46												50%					File # 467.
468	1481/1484		-	1579		47												50%					
469	1482/1485		-	1580		48	529											50%					EOT # 529 Tape MKTS.
470	1483/1486		-	1581		49	530											66db					BOT # 530 # 900 10 sec All ones.
471	1483/1486		-	1581		49												50%					
472	1486/1489		-	1581		49												50%					Vibs now shooting through spread
473	1490/1486/1487/1493		1581		49													30%	Low Drive				C.D.P will Remain the same.
474	1494/1486/1491/1497		1581		49													50%					
475	1498/1486/1495/1501		1581		49													50%					
476	1502/1486/1499/1505		1581		49													50%					
477	1505/1486/1502/1508		1581		49													50%					
478	1508/1486/1505/1511		1581		49													50%					
479	1511/1486/1508/1514		1581		49													50%					
932	Similarity		1	-	32	sec	235	530								4	1	30%					stacked 1st HALF
																							EOT # 530 tape MKTS.
																							EOL # 8. Vibs had to stop AT
																							STA # 1511 Due to Deep Ditch, NO
																							way for Vibs to cross.