

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 7		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DIRT RD			DATE MONTH 7 DAY 28 YEAR 95		CLIENT COSGRP		OB D. Moore		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 1	TR -	TR -	TR 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS							
933	Pulse		1-6	sec		958	48										587		4	Washington OKANOGAN Co.				
934/935	Finb		2-6	"																41.25' move ups, 32 sec sweep, 48 sec Record,				
936/939	DRD		4-6	"																8 sweep, Alias 31.25 Hz, 10 → 32 Hz sweep freq,				
953/954	Sum test		2-6	"																8ms sample rate				
960/961	NRS test		2-6	"																NOTE: Vib down #25874 due to servo valve				
932	sim Larity		1-32	"															9:10	NOTE: STA: #544, #545, #547, #548, #549 open				
414	winds TRIP		1-48	sec	31															due to cliff + rocky terrain also STA. #634 +				
415	542 546			641	31									4	8				9:50	635 open due to driveway				
416	543 547			642	32															Late start due to sims				
417	551 555			650	40															VPs #544 thru #550 skipped due to switch				
418	552 556			651	41															back				
419	553 557			652	42															NOTE: STA 607 thru 643 noisy due to				
420	554 558			653	43	958														irrigation + cattle				
421	555 559			654	44	959														E.O.T. #958 Tape MKTS.				
422	555 559			654	44															B.O.T. #959 #900 10sec ALL ones				
423	556 560			655	45															E.O.L.				
424	557 561			656	46															NOTE STA #658 is E.O.L. #7				
425	558 562			657	47																			
426	559 563			658	48																			
427	561 563			658	48															2 Vibs will be shaken every other STA.				
428	563 563			658	48															0 SPATIAL STATIONS with VPs #561 thru #576 on				
429	565 563			658	48															Live STAs + C.D.P. will not change				
430	567 563			658	48															Above: At clients request				
431	569 563			658	48																			
432	571 563			658	48																			
433	572 563			658	48																			
434	576 563			658	48	959														VPs #573 thru #575 skipped due to cross country, E.O.T. #959 Tape MKTS.				
																				HEAVY Wind blast on this U.P.				







# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEQ-252-D

CREW NO. 6824		LINE NO. 7		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DIRT RD		DATE MONTH 7 DAY 25 YEAR 85		CLIENT COCORP		OB D. MOORE		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 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS	DRIVE					
363	481	485	---	580	23	954	48								5	8	50%	534		4	Washington	Okamogan Co.	
364	482	486	---	581	24												50%						
365	483	487	---	582	25												50%						
366	484	488	---	583	26												50%						
367	485	489	---	584	27												50%						
368	486	490	---	585	28												50%						
369	487	491	---	586	29												50%						
370	488	492	---	587	30												50%						
371	489	493	---	588	31	954											50%					E.O.T. #955	Tape Mkts.
372	490	494	---	589	32	955											60db					B.O.T. #955	#900 10sec ALLOWES
373	490	494	---	589	32												50%						
374	491	495	---	590	33												50%						
375	492	496	---	591	34												50%						
376	493	497	---	592	35												50%						
377	494	498	---	593	36												50%						
378	495	499	---	594	37												50%						
379	496	500	---	595	38												50%						
380	497	501	---	596	39												50%						
381	498	502	---	597	40												50%						
382	499	503	---	598	41	955											50%				4:30	E.O.T. # 955	Tape Mkts.

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 7		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DIRT RD		DATE MONTH 7 DAY 24 YEAR 85		CLIENT COCORP		OB D. MOORE		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 1	TR -	TR -	TR 46				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					
933	Pulse		1-6	Sec		949	48											486		4	Washington OKANOGAN		
934/935	EINT		2-6	"																	B.O.T. #949 #900 10sec ALLOWES		
936/939	DRD		4-6	"																	5 Vibs 1st starts 21' past flag, 825' spacing,		
953/954	Sum	+rst	2-6	"																	41.25' move ups, 32 sec sweep, 48 sec record,		
960/961	NRS	test	2-6	"																	8 sweeps, ALIAS 31.25 Hz, 10 → 32 Hz sweep freq,		
932	simLority		1-32	"																	8ms sample rate		
292	winds	+rip	1-48	sec	7																SIMS TAKEN ONLINE WITH CAMERA		
293	417	421	---	516	7																4ms sample rate ALIAS 62.5 Hz		
294	418	422	---	517	8																5 8 50%		
295	419	423	---	518	9																50%		
296	420	424	---	519	10																50%		
297	421	425	---	520	11																NOTE: STA #514, #545, #517, #548, #549 open		
298	422	426	---	521	12																due to cliff + rocky terrain		
299	423	427	---	522	13																		
300	424	428	---	523	14																		
301	425	429	---	524	15																		
302	426	430	---	525	16																		
303	427	431	---	526	17	949																	
304	428	432	---	527	18	950																	
305	428	432	---	527	18																		
306	429	433	---	528	19																		
307	430	434	---	529	20																		
308	431	435	---	530	21																		
309	432	436	---	531	22																		
310	433	437	---	532	23																		
311	434	438	---	533	24																		
312	435	439	---	534	25																		
313	436	440	---	535	26																		
314	437	441	---	536	27																		
315	438	442	---	537	28																		
316	439	443	---	538	29																		
317	440	444	---	539	30	950																	
																						E.O.T. #950 TAPE MKTS.	

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 7		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DIR + Rd		DATE MONTH 7 DAY 24 YEAR 85		CLIENT COCORP		OB D. MOORE		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 1	TR -	TR -	TR 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS						NO. SUMS	DRIVE
318	441	445	—	—	540	31	951	48								60db	486	4	Washington OKANOGAN Co.				
319	441	445	—	—	540	31										50%			B.O.T. #951 #900 10sec ALLOWES				
320	442	446	—	—	541	32										50%							
321	443	447	—	—	542	33										50%							
322	444	448	—	—	543	34										50%							
323	445	449	—	—	544	35										50%			Total SWEEP				
324	446	450	—	—	545	36										50%							
325	447	451	—	—	546	37										50%							
326	448	452	—	—	547	38										50%							
327	449	453	—	—	548	39										50%							
328	450	454	—	—	549	40										50%							
329	451	455	—	—	550	41										50%							
330	452	456	—	—	551	42										50%							
331	453	457	—	—	552	43	951									50%			E.O.T. #951 Tape MKTs.				
332	454	458	—	—	553	44	952									60db			B.O.T. #952 #900 10sec ALLOWES				
333	454	458	—	—	553	44										50%							
334	455	459	—	—	554	45										50%							
335	456	460	—	—	555	46										50%							
336	457	461	—	—	556	47										50%		4:30					







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GEO-252-D

CREW NO. 6834		LINE NO. 7		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS			DATE MONTH 7 DAY 22 YEAR 85		CLIENT COCORP		OB D. MOORE		PM R. 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				96	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS	DRIVE					
258	344	348	---	---	443	27	946	48								5	8	50%	393			4	Washington OKANOGAN	
259	345	349	---	---	444	28												50%						
260	346	350	---	---	445	29												50%					First half	
Skip	347	351	---	---	446	30												Skip					VPS #347 thru #366 skip due to cable	
261	367	371	---	---	466	30												30%	413				across Twisp River + cable flags only permit	
262	368	372	---	---	467	31												30%						
263	369	373	---	---	468	32												30%						
264	370	374	---	---	469	33												30%						
265	371	375	---	---	470	34												30%						
266	372	376	---	---	471	35												30%					Last half, due to a beehives	
267	373	377	---	---	472	36												30%						
268	374	378	---	---	473	37												30%						
269	375	379	---	---	474	38	947											30%			4:20		E.O.T. #947 Tape Mkts.	

NOTE: Recorder Moveup between #413 + #414

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 7		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DIRT Rd.		DATE MONTH 7 DAY 19 YEAR 85		CLIENT COCORP		OB D. MOORE		PM B. CLASIDY	
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		941	48																Washington OKMogon Co.
934/939	EINT	2	6	"																			5 Vibs 1st STARTS 21' past flag, 82.5' spacing, 41.25' moveups, 32sec sweep, 48sec record, 8sweeps,
936/939	DRD	4	6	"																			ARRIVE d Field
953/991	Sum test	2	6	"																			Alias 31.25Hz, 10732Hz sweep freq, 8ms sample rate.
960/961	NRS test	2	6	"																			NOTE: STA #309 open due to driveway, STA #362 + #363 noisy due to highway, STA #351 open due to bridge, STA #352 + #353 open due to a swamp, STA #373 open due to driveway, STA #393 open due to driveway
932	Similarity	1	32	"																			NOTE: Vib Refs. Recorder position
197	Windstrip	1	48	sec	0																		4ms Sample Rate Alias 62.5Hz
198	277	281	371	376	0																		Last half
199	278	282	---	377	1																		5 8 30%
200	279	283	---	378	2																		1 50%
201	280	284	---	379	3	941																	2 50%
Skip	281	285	---	380	4																		E.O.T. #941 tape MKTS
Skip	282	286	---	381	5																		50%
202	283	287	---	382	6	942																	60db
203	283	287	---	382	6																		50%
204	284	288	---	383	7																		1 50%
205	285	289	---	384	8																		50%
206	286	290	---	385	9																		50%
207	287	291	---	386	10																		50%
208	288	292	---	387	11																		30%
Skip	289	293	---	388	12																		First half
Skip	290	294	---	389	13																		VPs #289 + 290 skipped due to house.
209	291	295	---	390	14																		last half
210	292	296	---	391	15																		50%
211	293	297	---	392	16																		50%
212	294	298	---	393	17																		50%
213	295	299	---	394	18																		30%
Skip	296	300	---	395	19																		First half
214	297	301	---	396	20																		VP #296 skipped due to house
Skip	298	302	---	397	21																		First half
215	301	305	---	400	24	942																	VPs #298 thru #300 skipped due to wells
216	302	306	---	401	25	943																	Last half; E.O.T. #942 Tape MKTS.
																							B.O.T. #943 #900 10sec ALL ONES

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GEO-252-D

CREW NO. 6834		LINE NO. 7		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DIRT RD		DATE MONTH 7 DAY 19 YEAR 85		CLIENT COCORP		OB D. MOORE		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	
		TR1	TR -	TR -	TR6				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS	DRIVE					
217	302	306	---	401	25	943	48									5	8	30%	353		4	Washington Okanogan Co.	
SKIP	303	307	---	402	26													SKIP				VP#303 skipped due to CABIN	
218	304	308	---	403	27													30%				Last half	
219	305	309	---	404	28													30%					
220	306	310	---	405	29											4		30%				First half	
SKIP	307	311	---	406	30													SKIP				VP#307 + #308 skipped due to houses	
SKIP	308	312	---	407	31													SKIP					
221	309	313	---	408	32													30%					
222	310	314	---	409	33													50%					
223	311	315	---	410	34													50%					
224	312	316	---	411	35													50%					
225	313	317	---	412	36													30%				First half	
SKIP	314	318	---	413	37													SKIP					
SKIP	315	319	---	414	38													SKIP					
226	316	320	---	415	39													30%				Last half	
227	317	321	---	416	40													50%					
228	318	322	---	417	41													50%					
229	319	323	---	418	42	943												50%				E.O.T. #943 Tape MKTS.	
230	320	324	---	419	43	944	windstrip											60db				R.O.T. #944 #960 10sec ALLOWES	
231	320	324	---	419	43													50%			4:00		

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-F

CREW NO. 6834		LINE NO. 7		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DIRT+RD		DATE MONTH 7 DAY 18 YEAR 85		CLIENT COCORP		OB D. MOORE		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 1	TR	TR	TR 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS	DRIVE					
933	Pulse		1-6	sec		939	48																Washington OKANOGAN Co.
934	EINT		2-6	"																			B.O.T. #939 #900 10sec ALL ones
934/939	DRd		4-6	"											Arrived Field								Vibs 1st start 21' past flag, spacing 41.25' moveups, 32sec sweep, 48sec record
952/954	Sum test		2-6	"																			8sweeps, Alias 31.25 Hz, 10 → 32 Hz sweep freq, 8ms sample rate
960/961	NRS test		2-6	"																			NOTE: STA #309 open due to driveway, STA #351
932	Sim. Latity		1-32	"																			open due to bridge, STA's #352 + #353 open due to swamp
165	windstrip		1-48	sec	5																		VP #242 skipped due a building holding explosives
5kip	242	246		341	5																		NOTE: Late start due to sims.
166	243	247		342	6									5	8								NOTE: STA #303 open due to driveway
167	244	248		343	7																		NOTE: STA #289 noisy due to a water well + house
168	245	249		344	8																		
169	246	250		345	9																		
170	247	251		346	10																		
171	248	252		347	11																		
172	249	253		348	12																		
5kip	250	254		349	13																		VP #250 skipped due to house
173	251	255		350	14																		
174	252	256		351	15																		
175	253	257		352	16																		
176	254	258		353	17	939																	E.O.T. #939 Tape MKTS.
177	255	259		354	18	940	windstrip																B.O.T. #940 #900 10sec ALL ones
178	255	259		354	18																		
179	256	260		355	19																		
180	257	261		356	20																		
181	258	262		357	21																		
182	259	263		358	22																		
183	260	264		359	23																		
184	261	265		360	24																		
185	262	266		361	25																		
186	263	267		362	26																		
187	264	268		363	27																		
188	265	269		364	28																		

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# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 7	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR	TRAIL CONDITIONS PAVED Rd	DATE MONTH 7 DAY 17 YEAR 85	CLIENT COCORP	OB D. MOORE	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 1	TR -	TR -				TR 96	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS				
933	Pulse		1-6	sec	936	48												261	4	Washington OKANOGAN Co.	
934/935	EINT		2-6	"																5 Vibrs 1st starts 21' past flag, 82.5' spacing,	
936/939	PRD		4-6	"																41.25 move ups, 32 sec Sweep, 4 sec Record	
953/954	Sum test		2-6	"																8 sweeps, AL 143 31.25 Hz, 10-32 Hz sweep	
960/961	NR5 test		2-6	sec																freq, 8ms sample rate	
932	similarity		1-32	sec																NOTE: STA #309 open due to drive way	
133	winds+rip		1-48	sec	14															4ms sample rate ALias 62.5 Hz	
134	199 203			298	14									5	8					NOTE: LATE START due to SIMS	
135	200 204			299	15	936															
136	201 205			300	16	936														E.O.T. #936 Tape MKTS	
137	202 206			301	17	937														B.O.T. #937 #900 10sec ALLONES	
138	202 206			301	17																
139	203 207			302	18																
140	204 208			303	19																
Skip	205 209			304	20															VP #205 skipped due to house	
141	206 210			305	21																
142	207 211			306	22																
143	208 212			307	23																
Skip	209 213			308	24															VPs #209 + #210 skipped due to houses	
Skip	210 214			309	25																
144	211 215			310	26																
Skip	212 216			311	27															VPs #212 thru #214 skipped due to houses	
145	215 219			314	30																
146	216 220			315	31															Vibs are on DIRT Rd.	
147	217 221			316	32																
148	218 222			317	33																
Skip	219 223			318	34															VP #219 skipped due to well	
149	220 224			319	35															Last half	
150	221 225			320	36	937														E.O.T. #937 Tape MKTS	
151	222 226			321	37	938														B.O.T. #938 #900 10sec ALLONES	
152	222 226			321	37																
153	223 227			322	38															NOTE: After 2 sweeps on VP #223 Vib are in low drive due to pad marks (30%)	

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GEO-252-D

CREW NO. 6834		LINE NO. 7		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DIR+RA		DATE MONTH 7 DAY 17 YEAR 85		CLIENT COCORP		OB D. MOORE		PM R. 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 1	TR -	TR -				TR 96	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS						DRIVE
154	224	228	---	323	39	938	48								5	8	30%	261	4	Washington OKANDGAN Co.			
155	225	229	---	324	40												30%						
156	226	230	---	325	41												30%			First half			
Skip	227	231	---	326	42												SKIP			VP #227 skipped due to cabin			
157	228	232	---	327	43												30%			Last half			
158	229	233	---	328	44												30%						
159	230	234	---	329	45												30%						
Skip	231	235	---	330	46												SKIP			VPs #231 thru #236 skipped due to permit			
160	237	241	---	336	25												30%	288		NOTE: Recorder move up between STAs.			
161	238	242	---	337	26												30%			#289 + #288			
162	239	243	---	338	27												30%						
163	240	244	---	339	28												30%						
164	241	245	---	340	29	938											30%	4:20		E.O.T. #938 Tape MKTS			

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 7	LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR	TRAIL CONDITIONS Paved Rd.	DATE MONTH 7 DAY 16 YEAR 85	CLIENT COCORP	OB D. Moore	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 1	TR -	TR -				TR 96	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS				
933	Pulse		1-6	sec		935	48											348	4	Washington OKanogan Co.	
934/935	Flint		2-6	"																B.O.T #935 #900 10sec ALLOWES	
936/939	DRD		4-6	"																5 Vib's 1 <sup>st</sup> starts 21' past flag, 825' spacing,	
953/954	Sum +est		2-6	"																41.25' moveups, 32sec sweep, 48sec record,	
960/961	NRS +est		2-6	"																8 sweeps, Alias 31.25 Hz, 10-32 Hz sweep freq,	
932	similarity		1-32	"																8ms sample rate.	
113	WINDSTRIP		1-48	sec 0																NOTE: STAs #182 thru #195 open due to line geometry as requested by client	
114	155	159		268	0															NOTE: Late start due to trouble shooting the	
115	156	160		269	0															Line + sims. NOTE: Recorder setup is 4Sta.	
116	157	161		270	0															to far up due to lack of inst. setup	
SKIP	158	162		271	0															VPs #158 + #159 skipped due to road cond.	
SKIP	159	163		272	1															(soft pavement) (Vibs LEAVING ROAD MARKS)	
117	160	164		273	2																
118	161	165		274	3																
119	162	166		275	4															First half	
SKIP	163	167		276	5															VPs #163 thru #165 skipped due to houses	
120	166	170		279	8															First half	
SKIP	167	171		280	9																
SKIP	168	172		281	10																
121	169	173		282	11																
122	170	174		283	12																
123	171	175		284	13																
124	172	176		285	14	935														E.O.T #935 Tape MKTS	
125	173	177		286	15	936	WINDSTRIP													B.O.T, #936 #900 10sec ALLOWES	
126	173	177		286	15																
SKIP	174	178		287	16															VPs #174 thru #176 skipped due to irrigation ditch	
127	177	180		290	19																
128	178	196		291	20																
129	179	197		292	21																
SKIP	180	198		293	22															VP #180 skipped due to well	
130	181	199		294	23																
SKIP	182	200		295	24															VPs #182 thru #195 skipped due to line geometry as requested by client	









OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 7		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DIRT Rd		DATE MONTH 7 DAY 14 YEAR 85		CLIENT COCORP		OB D. MOORE		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 1	TR -	TR -	TR 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS	DRIVE							
081	85	90	-	199	30	932	48									4	8	50%	132				4	Washington Okanogan Co.	
082	86	91	-	200	31													50%							
083	87	92	-	201	32													50%							
084	88	93	-	202	33													50%							
085	89	94	-	203	34													50%							
086	90	95	-	204	35													50%							
087	91	96	-	205	36													50%							
088	92	97	-	206	37													50%							
089	93	98	-	207	38													50%						NOTE: A.C. went out this morning	
090	94	99	-	208	39													50%						INST. IS hot shut down EARLY	
091	95	100	-	209	40													50%							
092	96	101	-	210	41	932												50%				3:15		E.O.T. #932 Tape MKTS	
Skip	97	102	-	211														SKIP							VPs #97 thru #100 skipped due to Twisp River
																									VPs #101 thru #112 skipped as Requested
																									by County of Okanogan
																									VP #113 skipped due to TRIALER









GEO-211-C

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

GENERAL

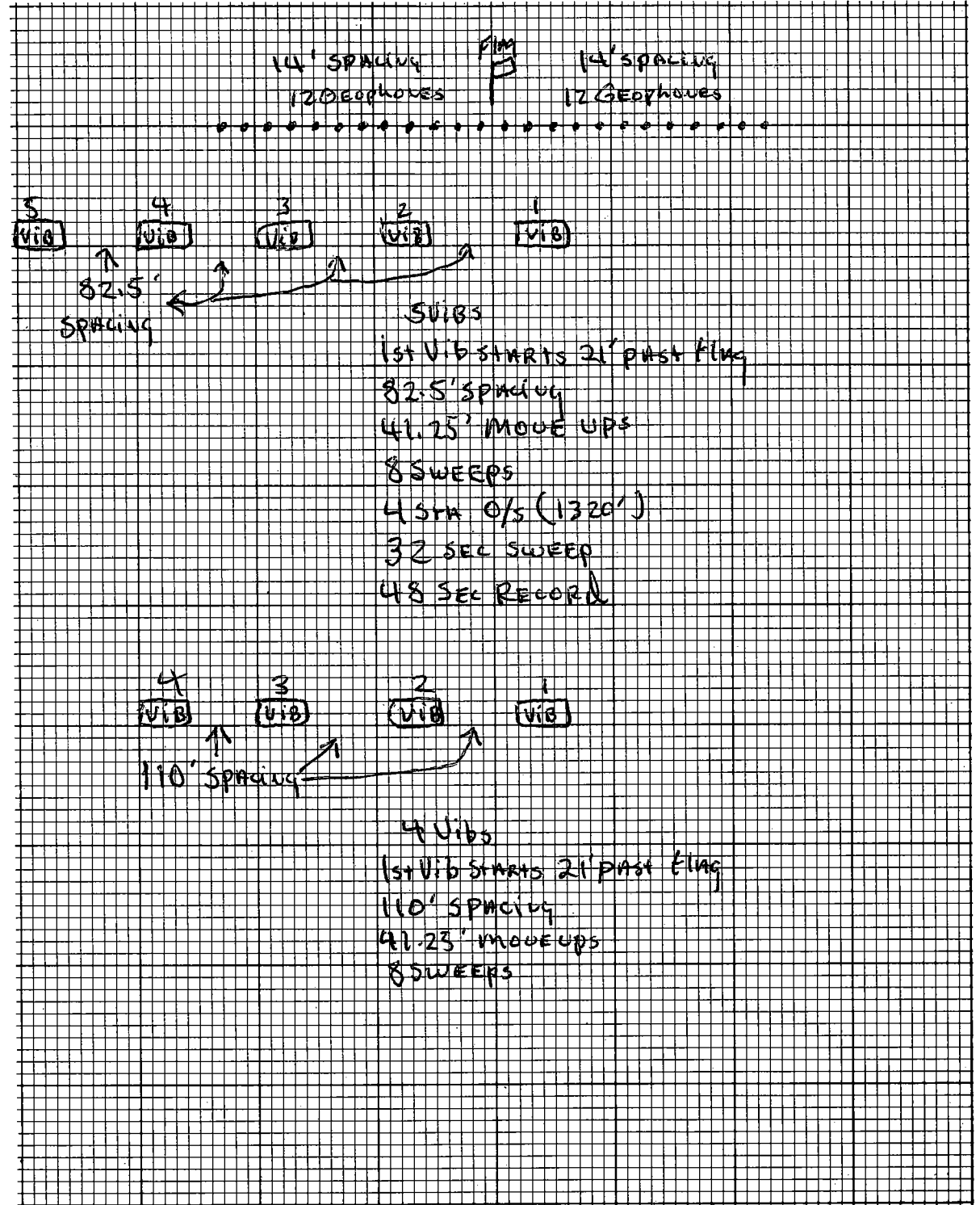
Crew No. 6834 Contract No. 799  
 Client COCORP  
 Area Wash.  
 Country Wash.  
 County Okauogau  
 Concession Okauogau  
 State Wash.  
 Party Mgr. B. Cassidy OB/JO. MOORE  
 Line No. 7 Date Start 7-12-85  
 of Line  
 Sta. Int. 330' Feet Meters Fold 48%  
 Spread Dimensions 1-31350' (1320' @)  
 VP's Increase N E S W  
 W → E

GEOPHONES

Manufacture MD-100 Array Length 322'  
 Frequency 8hz Array Width inline  
 No. per string 2-12 Array Across Between Sta  
 per trace 24 Total Centered    
 Separation Ser Par Coil Res. 335 ohms  
 String Connected   String Phone  
 Shunt Res.    
 Connected Ser Par Separation  
 at Sta   between  
 elements  
 in the array 14'

RECORDING SYSTEM	
Type:	<u>MD5-10</u>
Format:	<u>SEQ-B</u>
No. of Channels:	<u>46</u>
Sample Rate:	<u>8ms</u>
Record Length:	<u>48</u>
BPI:	<u>800</u>
Low-Cut Filter	Freq: <u>out</u> Slope: <u>out</u>
High-Cut Filter	Freq: <u>Always 31.25 hz</u> Slope: <u>out</u>
Static Filter	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
Notch Filter	In <input checked="" type="checkbox"/> Out <input type="checkbox"/> Hz
UH Ch. On Tape	Wireline <u>N/A</u> Radio <u>N/A</u>
Sweep Ch. On Tape	<u>Aux # 2 GALVO 50</u> <u>Aux # 4 GALVO 52</u>
ENERGY SOURCE	
Type:	<u>Y-1100</u>
Manufacturer:	<u>Faling</u>
Source Control:	<u>RCV-310</u>
Dynamite	Holes/Shotpoint: <u>N/A</u>
	Charge/Shotpoint: <u>N/A</u>
Pattern Length:	<u>N/A</u> Feet Meters
Surface Source	Array Length: <u>489'</u> Feet Meters
	No. of drops, sweeps, etc. in array: <u>8 SWEEPS</u>
	Sweep Freq: <u>10 → 32 hz</u>
	Sweep Length: <u>32 SEC</u>
Unit Separation:	<u>82.5'</u> Feet Meters
Unit Moveup:	<u>41.25'</u> Feet Meters
Array Centered:	Across Sta <input checked="" type="checkbox"/> Between Sta <input type="checkbox"/>

LINE COVER SHEET: DRAW DIAGRAM OF GEOPHONE ARRAY AND SOURCE ARRAY



REMARKS: Air Gun Delay, etc.

VARI SOURCE USED Yes  No  Invalid Channels: