



GEO-211-C

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

GENERAL	
Crew No. <u>6834</u>	Contract No. <u>799</u>
Client <u>COCORP</u>	
Area <u>Washington</u>	Country <u>Washington</u>
County <u>Ferry</u>	Concession <u>Ferry</u>
State <u>Washington</u>	
Party Mgr. <u>P. Davis</u>	OB/OJ. <u>R. Patton</u>
Line No. <u>3</u>	Date Start <u>8-24-84</u>
Sta. Int. <u>330'</u>	Feet Meters Fold <u>4800Z</u>
Spread Dimensions <u>1-3135096</u> <u>990'99</u>	
VP's Increase	N <input type="checkbox"/> E <input checked="" type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>
<u>W → E</u>	

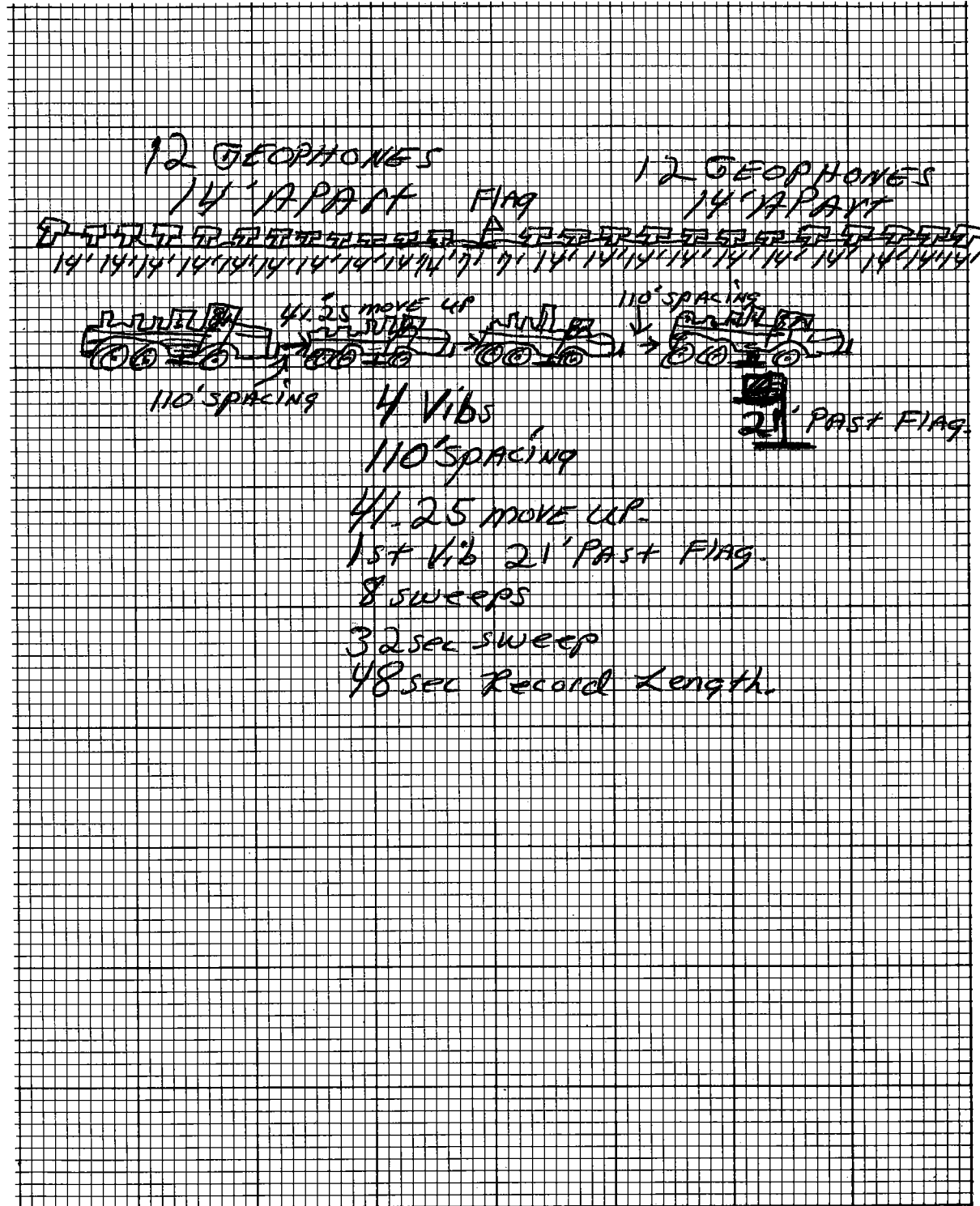
RECORDING SYSTEM	
Type:	<u>MDS-10</u>
Format:	<u>SEG B</u>
No. of Channels:	<u>96</u>
Sample Rate:	<u>8ms</u>
Record Length:	<u>48 sec</u>
BPI:	<u>800</u>
Low-Cut Filter	Freq: <u>OUT</u> Slope: <u>OUT</u>
High-Cut Filter	Freq: <u>Alais 31.25</u> Slope: <u>OUT</u>
Static Filter	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
Notch Filter	In <input checked="" type="checkbox"/> Out <input type="checkbox"/> <u>60 Hz</u>
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>V 1100 Vibrator</u>
Manufacturer:	<u>George E Failing</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>8-73242</u>
Sweep Length:	<u>32 sec</u>
Unit Separation:	<u>4 Vib 110'</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



GEOPHONES			
Manufacture <u>MD 100's</u>	Array Length <u>322'</u>		
Frequency <u>842</u>	Array Width <u>FN Line</u>		
No. per string per trace <u>2-12</u>	Array Across Between Sta Centered <input checked="" type="checkbox"/>		
<u>24 Total</u>			
Separation String Connected	Ser <input type="checkbox"/> Par <input type="checkbox"/>	Coil Res.	String Phone <input type="checkbox"/>
Connected at Sta	Ser <input type="checkbox"/> Par <input type="checkbox"/>	Separation between elements in the array <u>14.34'</u>	<u>14'</u>

REMARKS: Air Gun Delay, etc.  
 VARI SOURCE USED Yes  No  Invalid Channels:

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 3		LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Gravel Road	DATE MONTH 8 DAY 24 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					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR					NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					
933	Pulse	1	-	6	sec		304	48						4	8	50%	63	990	WASHINGTON, Ferry Co.
934/935	EINT	2	-	"	"														B.O. #304, 900 10sec All ones
936/939	DRD	4	-	"	"														4 Vib, 1st Vib 21' Past Flag.
953/954	Sum TEST	2	-	"	"														ARRIVE FIELD 8:30
960/961	NRT Test	2	-	"	"														110' spacing, 4.25 MOVEUP
932	Similarity	1	-	32	sec	235								4	1	30%	9:45		Alias 31.25, 8ms sample RATE
001	windstrip	1	-	48	sec	13													32sec sweep, 48sec Record.
002	1	4	-	99		13													8 sweeps, Vib will push line #3.
003	2	5	-	100		14													NOTE: logging trucks working
004	3	6	-	101		15													Along line.
005	4	7	-	102		16													
006	5	8	-	103		17													
007	6	9	-	104		18													
008	7	10	-	105		19													
009	8	11	-	106		20													
010	9	12	-	107		21													
011	10	13	-	108		22	304												
012	11	14	-	109		23	305	windstrip											
013	11	14	-	109		23													
014	12	15	-	110		24		1											
015	13	16	-	111		25													
016	14	17	-	112		26													
017	15	18	-	113		27													
018	16	19	-	114		28													
019	17	20	-	115		29													
020	18	21	-	116		30													
021	19	22	-	117		31													
022	20	23	-	118		32													
023	21	24	-	119		33													
024	22	25	-	120		34													
025	23	26	-	121		35	305												
026	24	27	-	122		36	306	windstrip											

EOT\* 305 tape MKTs.  
BOT\* 306 #900 10 sec All ones.

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 3		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt Road		DATE MONTH 8		DAY 24 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									
027	24	27	-	122	36	306	48								4	8	50%	63									
028	25	28	-	123	37												50%										
029	26	29	-	124	38												50%										BLAST ON SWEEP #3, FILE #029
030	27	30	-	125	39												50%										
031	28	31	-	126	40												50%										
032	29	32	-	127	41												50%										
033	30	33	-	128	42												50%										
034	31	34	-	129	43												50%										
035	32	35	-	130	44												50%										
036	33	36	-	131	45	306											50%	4-55									E.O. #306, TAPE MKTS

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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CREW NO. 6834		LINE NO. 3	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Dirt Road	DATE MONTH 8 DAY 25 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 TAPE	MEMORY Sweeps	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				
933	pcuse		1	-6	sec		307	48					4	8	50%	98	990		Washington Ferry Co.		
934/935	EINT		2	-"	"														B.O. #307, 900 10sec All ones		
936/939	DRD		4	-"	"														4 Vibs, 1st Vib 21' PAST FLAG,		
953/954	Sum TEST		2	-"	"														110' spacing, 41.25 MAKE UP,		
960/961	NR5 Test		2	-"	"														32sec Sweep, 48sec Record		
932	similarity		1	-32	sec	235							4	1	30%	9:10			Alias 31.25, 8 sweeps, 8-32Hz		
037	wind strip		1	-48	sec	11													4ms Sample Rate, Alias 62.5		
038	34	37	-	132		11							4	8	50%	9:40					
039	35	38	-	133		12															
040	36	39	-	134		13															
041	37	40	-	135		14															
042	38	41	-	136		15															
043	39	42	-	137		16															
044	40	43	-	138		17															
045	41	44	-	139		18															
046	42	45	-	140		19															
047	43	46	-	141		20	307														
048	44	47	-	142		21	308	wind strip													
049	44	47	-	142		21															
050	45	48	-	143		22															
051	46	49	-	144		23															
052	47	50	-	145		24															
053	48	51	-	146		25															
054	49	52	-	147		26															
055	50	53	-	148		27															
056	51	54	-	149		28															
057	52	55	-	150		29															
058	53	56	-	151		30															
059	54	57	-	152		31															
060	55	58	-	153		32															
061	56	59	-	154		33	308														
062	57	60	-	155		34	309	wind strip													

E.O. #307, TAPE MKTS.  
 BOT #308 \*900 10 sec All ones  
 Highway #395 AT 148-149.  
 STA #153 open Due to Bridge.  
 EOT #308 Tape MKTS.  
 BOT #309 \*900 10 sec All ones,

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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CREW NO. 6834		LINE NO. 3		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt Road		DATE MONTH 8		DAY 25 YEAR 84		CLIENT COCORP		JOB 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					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				
063	57	60	-	155	34	309	48								4	8	50%	98							990	
064	58	61	-	156	35												50%									
065	59	62	-	157	36												50%									
066	60	63	-	158	37												50%									
067	61	64	-	159	38												50%									
068	62	65	-	160	39												50%									
069	63	66	-	161	40												50%									
070	64	67	-	162	41												50%									
071	65	68	-	163	42												50%									
072	66	69	-	164	43												50%									
073	67	70	-	165	44												50%									
074	68	71	-	166	45												50%									
075	69	72	-	167	46	309											50%									E.O. #309, TAPE MKTS.
076	70	73	-	168	47	310											10%									B.O. #310, 900 10sec All ONE'S
077	70	73	-	168	47												50%									
078	71	74	-	169	48												50%									3:30

WINDSTRIP







# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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GEO-252-D		GREW NO. 6831		LINE NO. 23		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy		TRAIL CONDITIONS Dirt Road		DATE MONTH 8		DAY 28 YEAR 84		CLIENT COCOOP		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				
139	140	143	-	238	37	314	48									4	8	50%	178	990			WASHINGTON, Ferry Co. Stevens Co.				
140	141	144	-	239	38	315			wind strip									60%					E.O.T #314, TAPE MKTS.				
141	141	144	-	239	38													50%					B.O.T #315, 900 10sec ALL ONES				
142	142	145	-	240	39													50%									
143	143	146	-	241	40													50%									
144	144	147	-	242	41													50%									
145	145	148	-	243	42													50%									
146	146	149	-	244	43													50%									
147	147	150	-	245	44													50%									
148	148	151	-	246	45													50%									
149	149	152	-	247	46													50%									
150	150	153	-	248	47													50%									
151	151	154	-	249	48													50%									
152	152	155	-	250	49	315												50%					E.O.T #315, TAPE MKTS.				
SKIP	153	156	-	251	SKIP	SKIP												SKIP					Due to a Bridge				
153	154	157	-	252	35	316												60%	194				Recorder moved up at STA #194.				
154	154	157	-	252	35													50%					entering Stevens Co.				
SKIP	155	158	-	253	36													SKIP					Due to a House.				
155	156	159	-	254	37													50%									
156	157	160	-	255	38													50%									
157	158	161	-	256	39													50%									
158	159	162	-	257	40													50%									
159	160	163	-	258	41													50%									
160	161	164	-	259	42													50%									
161	162	165	-	260	43													50%									
162	163	166	-	261	44													50%			4:40						

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 3	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER clear	TRAIL CONDITIONS Dirt Road	DATE MONTH 8 DAY 29 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 TAPE	MEMORY Missed sweeps	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				
933	Pulse		1	-	6	sec	316	48						4	8	50%	232	990	Stevens Co, Washington.		
934/935	ErNT		2	-	"	"													4 Vib, 1st Vib 21' Past Flag, 110' spacing, 41.25 move up, 32 sec sweep, 48 sec Record, 8 sweep		
936/939	DRD		4	-	"	"													ARRIVE FIELD 8:15 Alias 31.25		
953/954	Sum Test		2	-	"	"													STA # 214 OPEN, Due to A Road		
960/961	NRT Test		2	-	"	"													E.O.T #316 TAPE MKTS		
932	Simi		1	-	32	sec	235	316					4	1	30%		9:25		B.O.T #317, 900 10sec ALLOWES		
163	windstrip		1	-	48	sec	7	317	4ms Sample Rate, Alias 62.5						60%						
164	164	167	-	262	7								4	8	50%		9:45				
165	165	168	-	263	8										50%						
166	166	169	-	264	9										50%						
167	167	170	-	265	10										50%						
168	168	171	-	266	11										50%						
169	169	172	-	267	12										50%						
170	170	173	-	268	13										50%						
SKIP	171	174	-	269	14										SKIP				DUE TO A HOUSE.		
171	172	175	-	270	15										30%				Stacked LAST HALF, Low Drive.		
172	173	176	-	271	16										50%				BACK TO HI-DRIVE		
173	174	177	-	272	17										50%						
174	175	178	-	273	18										50%						
SKIP	176	179	-	274	19										SKIP				DUE TO HOUSES.		
SKIP	177	180	-	275	20										SKIP				" " "		
175	178	181	-	276	21	317	E.O.T #317, TAPE MKTS						30%						Stacked LAST HALF, Low-Drive		
176	179	182	-	277	22	318	windstrip						60%								
177	179	182	-	277	22										50%						
178	180	183	-	278	23										50%						
179	181	184	-	279	24										30%				Stacked 1st HALF, Low Drive.		
SKIP	182	185	-	280	25										SKIP				Due to Houses.		
SKIP	183	186	-	281	26										SKIP				" " "		
SKIP	184	187	-	282	27										SKIP				" " "		
SKIP	185	188	-	283	28										SKIP				" " "		
SKIP	186	189	-	284	29										SKIP				" " "		
180	187	190	-	285	30										50%				Stacked LAST HALF.		

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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GEO-252-D		CREW NO. 6834 LINE # 3															LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER		TRAIL CONDITIONS		DATE MONTH 8		DAY 29 YEAR 89		CLIENT		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					TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS					NO. SUMS	DRIVE															
181	188	191	-	286	31	318	48									4	8	50%	232	990'	WASHINGTON, STEVENS CO																	
182	189	192	-	287	32													50%																				
183	190	193	-	288	33													50%																				
184	191	194	-	289	34													50%																				
185	192	195	-	290	35													50%																				
186	193	196	-	291	36													50%																				
187	194	197	-	292	37													50%																				
188	195	198	-	293	38													50%																				
189	196	199	-	294	39	318												50%			E.O.T # 318, TAPE MKTS.																	
190	197	200	-	295	40	319	Windstrip											60%			B.O.T # 319, 900 10sec 141 ONES																	
191	197	200	-	295	40													50%																				
192	198	201	-	296	41													50%																				
193	199	202	-	297	42													50%																				
194	200	203	-	298	43													50%																				
195	201	204	-	299	44													50%																				
196	202	205	-	300	45													50%																				
197	203	206	-	301	46													50%																				
198	204	207	-	302	47													50%																				
199	205	208	-	303	48													50%																				
200	206	209	-	304	49													50%																				
201	207	210	-	305	46													50%	236		Recorder moved up at 236																	
202	208	211	-	306	47													30%																				
203	209	212	-	307	48	319												30%	4:45		EOT # 319 Tape MKTs.																	

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. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY TAPE	MEMORY MESS	SHOOTING SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	SUR. SOURCES NO. SUMS	DRIVE	INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
6834	3	7:00																					Washington, Stevens Co.	
933	Pulse		1	-6	sec		320	48								4	8	50%	276		990		Bot # 320 * 900 10 sec All ones.	
934/935	EINT		2	-	" "																		4 Vib, 1st Vib 21' Past Flag	
936/939	DRD		4	-	" "																		110' spacing 41.25 move up	
953/954	Sum Test		2	-	" "																		Alias 31.25, 8 sweeps	
960/961	NRJ Test		2	-	" "																			
932	Similarity		1	-32	sec	235										4	1	30%			12:00			
204	windstrip		1	-48	sec	9																	4ms Sample RATE, Alias 62.5	
205	210	213	-	308		9										4	8	50%			12:45			
206	211	214	-	309		10												50%						
207	212	215	-	310		11												50%					stacked 1st HALF.	
SKIP	213	216	-	311		12												50%					From STA# 213 to 216 SKIP, Due to Hoarses	
208	217	220	-	315		16			1									50%					stacked LAST HALF.	
209	218	221	-	316		17												50%						
210	219	222	-	317		18												50%						
211	220	223	-	318		19			1									50%						
212	221	224	-	319		20												50%						
213	222	225	-	320		21												50%						
214	223	226	-	321		22	320											50%						E.O.T # 320, TAPE MKTS.
215	224	227	-	322		23	321	windstrip										60%						B.O.T # 321, 900 10 sec ALL ONES.
216	224	227	-	322		23												50%						
217	225	228	-	323		24												50%						
218	226	229	-	324		25												50%						
219	227	230	-	325		26												50%						
220	228	231	-	326		27												50%						
221	229	232	-	327		28												50%						
222	230	233	-	328		29												50%						
223	231	234	-	329		30												50%						
224	232	235	-	330		31												50%						
225	233	236	-	331		32												50%						
226	234	237	-	332		33												50%						
227	235	238	-	333		34												50%						
228	236	239	-	334		35	321											50%						EOT # 321 Tape MKTS.

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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CREW NO. 6834		LINE NO. 3		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dist Road		DATE MONTH 8 DAY 30 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 PAMPS or "K"	PARITY	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									
229	237	240	-	335	36	322	48																			
230	237	240	-	335	36																					
231	238	241	-	336	37																					
232	239	242	-	337	38																					
233	240	243	-	338	39																					
234	241	244	-	339	40																					
235	242	245	-	340	41																					
236	243	246	-	341	42																					
237	244	247	-	342	43																					

Wind strip

600 276 990 BOT # 322 \* 900 10 sec All ones.

5:30

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D		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. POSITION	DIGITAL REEL NO.	GAIN PAMPS OF "K"	PARITY TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE	INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
6834	3			7:00				Clear	Dir Road	8	31	84	COCORP	R. Patten	L. Davis							WASHINGTON, STEVENS CO.
933	Pulse	1	-6	Sec		322	48								4	8	50%	310			990	*Vibs, 1st Vib 21' PAST FLAG, 110' SPACING, 41.25 MOVE UP
934/935	EINT	2	-"	"																		Alias 31.25, 8 sweeps, 32 sec sweeps 48sec Record.
936/939	DRD	4	-"	"																		ARRIVE FIELD 8:15
953/954	Sum Test	2	-"	"																		
960/961	NRJ Test	2	-"	"																		
932	Similarity	1	-32	sec	235	322									4	1	30%				9:10	E.O. #322, TAPE MKTS
238	wind strip	1	-48	sec	10	323									4	8	50%	60%			9:45	B.O. #323, 900 10sec ALLONES.
239	245	248	-	343	10																	
240	246	249	-	344	11																	
241	247	250	-	345	12																	
242	248	251	-	346	13																	
243	249	252	-	347	14																	
244	250	253	-	348	15																	
245	251	254	-	349	16																	
246	252	255	-	350	17																	
247	253	256	-	351	18																	
248	254	257	-	352	19																	
249	255	258	-	353	20																	
250	256	259	-	354	21	323																
251	257	260	-	355	22	324		windstrip														
252	257	260	-	355	22																	
253	258	261	-	356	23																	
254	259	262	-	357	24																	
255	260	263	-	358	25																	
256	261	264	-	359	26																	
257	262	265	-	360	27																	
258	263	266	-	361	28																	
259	264	267	-	362	29																	
260	265	268	-	363	30																	
261	266	269	-	364	31																	
262	267	270	-	365	32																	
263	268	271	-	366	33																	

Replaced Bad Cable.





# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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CREW NO. 6834		LINE # 3		LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER <i>cloudy</i>	TRAIL CONDITIONS <i>Dirt Road</i>	DATE MONTH 9 DAY 4 YEAR 89	CLIENT <i>COCORP</i>	OB <i>R. PATTON</i>	PM <i>L. DAVIS</i>						
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN (AMPS 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.				
298	299	302	-	397	31	327	48							4	8	50%	43	990'	
299	300	303	-	398	32											50%			
300	301	304	-	399	33											50%			
301	302	305	-	400	34											50%			
302	303	306	-	401	35											50%			
303	304	307	-	402	36	327										50%			E.O.T #327, TAPE MATS.
304	305	308	-	403	37	328	WIND STRIP									60%			B.O.T #328, 900 10sec ALL ONES.
305	305	308	-	403	37											50%			
306	306	309	-	404	38											50%			
307	307	310	-	405	39											50%			
308	308	311	-	406	40											50%			
309	309	312	-	407	41											50%			
310	310	313	-	408	42											50%			
311	311	314	-	409	43											50%	5:00		





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. 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			
933	Pulse		1	-6	sec		331	48								5	8	508	403	990	WASHINGTON, STEVENS CO.
934/935	EINT		2	-11	"																B.O.T # 331, 900 10sec, All ones.
936/939	DRD		4	-11	"																5 Vib, 1st vib starts 21' past Flag,
953/954	Sum Test		2	-11	"																82.5' spacing, 41.25' moveups, 8
960/961	NRT Test		2	-11	"																Sweeps, 32 sec Sweep, 48 sec Record,
932	Similarity		1	-32	sec	236										5	1	302		9:45	Alais 31.25m. Sweep Freq 8 → 32m.
343	windstrip		1	-48	sec	12															ARRIVE FIELD
344	340	343	-	438		12															4 ms sample Rate Alais 62.5
345	341	344	-	439		13															1
346	342	345	-	440		14															
347	343	346	-	441		15															
348	344	347	-	442		16															
349	345	348	-	443		17															
350	346	349	-	444		18															
351	347	350	-	445		19															
352	348	351	-	446		20															
353	349	352	-	447		21	331														
354	350	353	-	448		22	332		windstrip												
355	350	353	-	448		22															
356	351	354	-	449		23															
357	352	355	-	450		24															
358	353	356	-	451		25															
359	354	357	-	452		26															
360	355	358	-	453		27															
361	356	359	-	454		28															
362	357	360	-	455		29															
363	358	361	-	456		30															
364	359	362	-	457		31															
365	360	363	-	458		32															
366	361	364	-	459		33															
367	362	365	-	460		34	332														
368	363	366	-	461		35	333		windstrip												

EOT # 331 Tape MKTs.  
 BOT # 332 \*900 10sec All ones.  
 EOT # 332 Tape MKTs.  
 BOT # 333 \*900 10sec All ones.

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 3		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Partly Cloudy		TRAIL CONDITIONS Dirt Road		DATE MONTH 9 DAY 6 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						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		
369	363	366	-	461	35	333	48									5	8	502	403				990'	
370	364	367	-	462	36													502						
371	365	368	-	463	37													502						
372	366	369	-	464	38													502						
373	367	370	-	465	39													502						
374	368	371	-	466	40													502						
375	369	372	-	467	41													502						
376	370	373	-	468	42													502						
377	371	374	-	469	43													502						
378	372	375	-	470	44													502						
379	373	376	-	471	45													502						
380	374	377	-	472	46													502						
381	375	378	-	473	47	333												502						EOT # 333 Tape MKTs.
382	376	379	-	474	48	334												600h						Bot # 334 *900 10 sec All ones.
383	376	379	-	474	48													502						
384	377	380	-	475	49													502						4:40

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 3		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear wet, DIRT ROAD		TRAIL CONDITIONS		DATE MONTH 9 DAY 7 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 PAMPS or "K"	PARITY			SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR				TAPE	MEMORY MISSES	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS					NO. SUMS	DRIVE	
933	PULSE		1	6	sec		334	48								5	8	502	447	990'	(WASHINGTON) STEVENS CO.		
934/935	EINT		2	"	"																5 Vib, 1st Vib starts 21' past Flag,		
936/939	DRD		4	"	"																ARRIVE FIELD 8:55		
953/954	Sum TEST		2	"	"																82.5 Spacing, 41.25' move ups, 8 sweeps, 32 sec sweep, 48 sec Record		
960/961	NRT TEST		2	"	"																Alais 3/25hz, Sweep Freq 8 → 32hz.		
932	Similarity		1	32	sec	236										5	1	302		9:55			
385	windstrip		1	48	sec	6			4 ms Sample Rate Alais 62.5								60db						
386	378	381	-	476		6										5	8	502		10:30			
387	379	382	-	477		7												502					
388	380	383	-	478		8												502					
389	381	384	-	479		9				1								502					
390	382	385	-	480		10												502					
391	383	386	-	481		11	334											502			EOT * 334 Tape MKTs.		
392	384	387	-	482		12	335			windstrip								60db			BOT * 335 * 900 10 sec All ones.		
393	384	387	-	482		12				1								502					
394	385	388	-	483		13												502					
395	386	389	-	484		14												502					
396	387	390	-	485		15												502					
397	388	391	-	486		16												502					
398	389	392	-	487		17												502					
399	390	393	-	488		18												502					
400	391	394	-	489		19												502					
401	392	395	-	490		20												502			Vibs will Be moving Through spread		
402	395	398	-	490		20				1								502			Shaking VPs At Random, CDP will		
403	397	400	-	490		20												502			Remain the Same.		
404	401	395	398	404	490	20												502					
405	406	395	403	409	490	20	335											502			EOT * <del>335</del> Tape MKTs.		
406	409	395	406	412	490	20	336			windstrip								60db			BOT * 336 * 900 10 sec All ones.		
407	409	395	406	412	490	20												502					
408	415	395	412	418	490	20												502					
409	422	395	419	425	490	20												502					
410	428	395	425	431	490	20												502					

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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CREW NO. 6834		LINE NO. 3		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear,		TRAIL CONDITIONS Dirt Road		DATE MONTH 9 DAY 7 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							
411	431	395	428	434	490	20	336	48							5	8	50%	447					990'		
412	432	395	429	435	490	20											50%								
413	438	395	435	441	490	20											50%								
414	441	395	438	444	490	20											50%								
415	445	395	442	448	490	20											50%								
416	449	395	446	452	490	20											50%								
417	453	395	450	456	490	20											50%								
418	459	395	456	462	490	20											50%							got Blast on sweep # 5 VP # 459.	
419	463	395	460	466	490	20	336										50%							EOT # 336 Tape mKts.	
420	468	395	465	471	490	20	337		windstrip								60%							BOT # 337 # 900 10 sec All ones.	
421	468	395	465	471	490	20											50%								
422	471	395	468	474	490	20											50%								
423	475	395	472	478	490	20											50%								
424	478	395	475	481	490	20											50%								
425	481	395	478	484	490	20											50%								
426	485	395	482	488	490	20											50%								
427	490	395	487			20	337										50%	4:30						EOT # 337 Tape mKts	
																									EOL # 3. Picking up Rest of Line.