



GEO-211-C

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

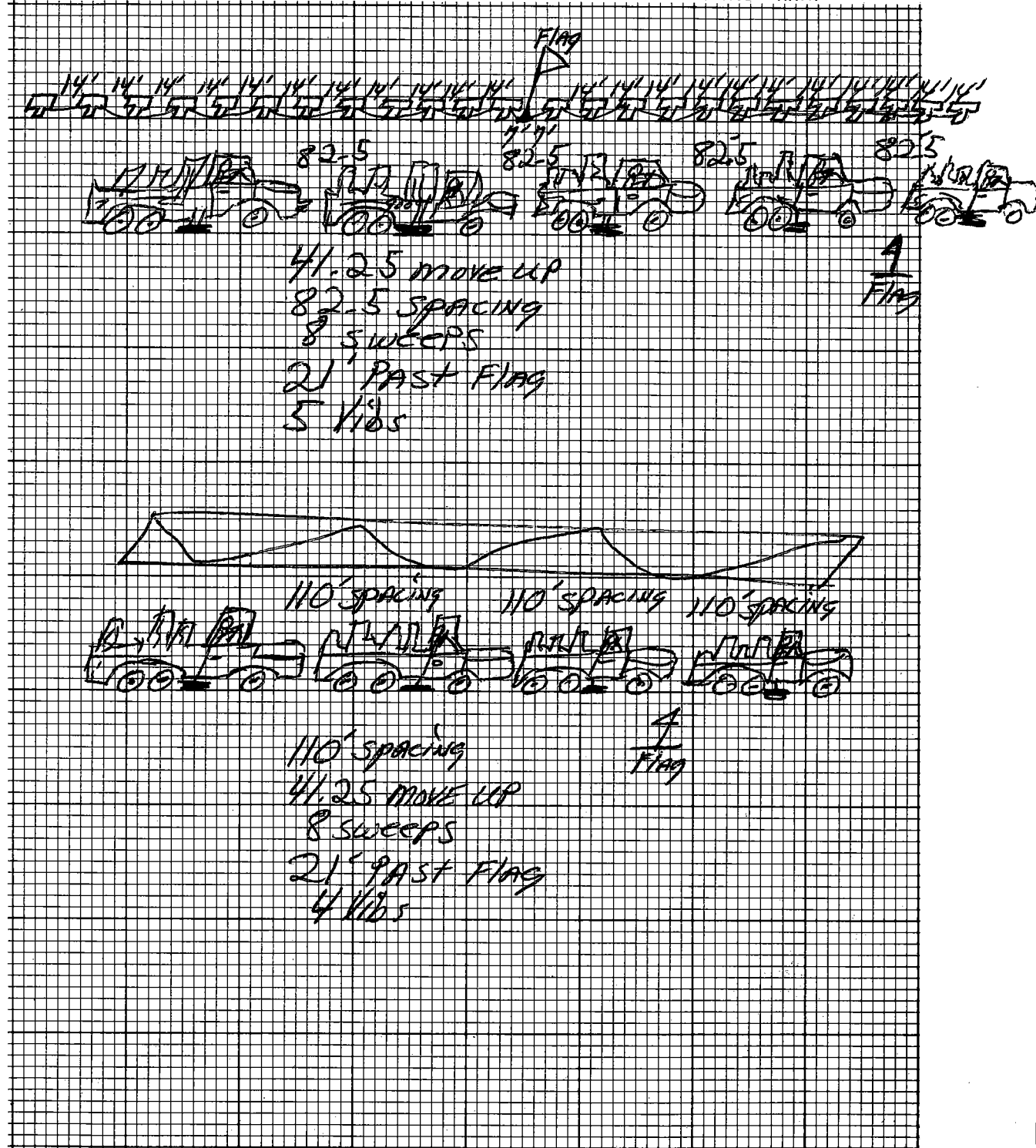
GENERAL	
Crew No. <u>6834</u>	Contract No. <u>799</u>
Client <u>COCORP</u>	
Area <u>WASHINGTON</u>	
Country <u>WASHINGTON</u>	
County <u>STEVENS</u>	
State <u>WASHINGTON</u>	
Party Mgr. <u>L. Davis</u>	OBJO <u>R. Patten</u>
Line No. <u>4</u>	Date Start of Line <u>9-10-84</u>
Sta. Int. <u>330'</u> Feet	Fold <u>4800'</u> Meters
Spread Dimensions <u>1-31350-96</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>	

GEOPHONES	
Manufacture <u>MD100's</u>	Array Length <u>322'</u>
Frequency <u>8#2</u>	Array Width <u>IN LINE</u>
No. per string <u>2-12</u>	Array Across Between Sta per trace <u>24 TOTAL</u>
Separation String Connected	Ser <input type="checkbox"/> Par <input checked="" type="checkbox"/>
Coil Res. <u>335 Ohms</u>	String Phone
Shunt Res.	
Connected at Sta	Ser <input type="checkbox"/> Par <input checked="" type="checkbox"/>
Separation between elements in the array <u>14'</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>Ala's 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 On Tape <u>N/A</u> Radio On Tape <u>N/A</u>
Sweep Ch. On Tape	<u>Aux 2 galvo 50</u> <u>Aux 4 galvo 52</u>

ENERGY SOURCE	
Type:	<u>4 x 1100's vibrators</u> <u>1 x 900 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>
Surface Source	Pattern Length: <u>N/A</u> Feet Meters
	Array Length: <u>489'</u> Feet Meters
Surface Source	No. of drops, sweeps, etc. in array: <u>8 Sweeps</u>
	Sweep Freq: <u>8 → 32#2</u>
	Sweep Length: <u>32 sec</u>
	Unit <u>5 Vib's</u> Separation: <u>82.5'</u> Feet Meters
	Unit Moveup: <u>41.25'</u> Feet Meters
	Array Centered: <input checked="" type="checkbox"/> Across Sta <input 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:

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 4		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy		TRAIL CONDITIONS Gravel Road		DATE MONTH 9 DAY 10 YEAR 84		CLIENT COCORP		OB R. Patton		PM L. Dallas	
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		338	48															Washington, Stevens Co.
934/935	EiNT		2	11	"																		STA* 79 open Due to Driveway.
936/939	DRD		4	11	"																		4 Vib, 1st Vib starts 21' past Flag,
953/954	Sum TEST		2	11	"																		110' spacing, 41.25' moveups, 8 sweeps,
960/961	NRTJ TEST		2	11	"																		32 sec sweep, 48 sec Record, Alais
932	Similarity		1	32	sec	235										4	1	30%					31.25Hz, Sweep Freq 8 → 32Hz.
001	Wind strip		1	48	sec	5																	Vib #17311 Down.
SKIP	1	4	-	99		5																	4ms Sample Rate Alais 62.5
002	2	5	-	100		6																	60db
003	3	6	-	101		7																	SKIP
004	4	7	-	102		8																	Due to house
005	5	8	-	103		9																	4 8 50%
006	6	9	-	104		10																	11:45
007	7	10	-	105		11																	Cable crossing Highway AT #19-20.
008	8	11	-	106		12																	50%
009	9	12	-	107		13																	50%
010	10	13	-	108		14																	50%
011	11	14	-	109		15	338																50%
012	12	15	-	110		16	339	Windstrip.															Lot of traffic Along Line.
013	12	15	-	110		16																	50%
014	13	16	-	111		17																	60db
SKIP	14	17	-	112		18																	Replaced Bad cable
015	15	18	-	113		19																	stacked 1st HALF.
016	16	19	-	114		20																	Due to House
017	17	20	-	115		21																	stacked Last HALF.
018	18	21	-	116		22																	50%
019	19	22	-	117		23																	50%
SKIP	20	23	-	118		24																	30%
SKIP	21	24	-	119		25																	stacked 1st HALF.
020	22	25	-	120		26																	Due to Houses
SKIP	23	26	-	121		27																	" " "
021	24	27	-	122		28																	Vibs now on Black top, will stay in Low Drive.

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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 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				
SKIP	25	28	-	123	29	339	48										SKIP	71	990		SKIP Due to house.
022	26	29	-	124	30										4	8	302				
023	27	30	-	125	31												302				
024	28	31	-	126	32												302				
025	29	32	-	127	33	339											302				Light Rain starting to Fall.
SKIP	30	33	-	128	34												302				Stacked 1st HALF. EOT # 339 Tape MKTS.
SKIP	31	34	-	129	35												SKIP				Due to House's
026	32	35	-	130	36	340			Wind STRIP								6000				" " "
027	32	35	-	130	36												302				BOT # 340 #900 10sec All ones.
SKIP	33	36	-	131	37												SKIP				Due to House
028	34	37	-	132	38												302				Traffic getting Heavy Along w-
029	35	38	-	133	39												302				Line.
030	36	39	-	134	40												302				
031	37	40	-	135	41												302				4:15



# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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GEO-252-D

CREW NO. 6834		LINE #4		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy wet Blacktop		TRAIL CONDITIONS Blacktop		DATE MONTH 9 DAY 12 YEAR 81		CLIENT COCORP		OB J. 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						
SKIP 61	64	-	159		26	342	48								5	8	SKIP 110						990'	
054 62	65	-	160		27											4	30%							Stacked 1st HALF. 4 sweeps, File # 054.
SKIP 63	66	-	161		28												SKIP							Due to A BARN
055 64	67	-	162		29											8	30%							Stacked LAST HALF.
056 65	68	-	163		30												30%							
057 66	69	-	164		31												30%							
058 67	70	-	165		32											4	30%							4 sweeps, File # 059
059 68	71	-	166		33											4	30%							
SKIP 69	72	-	167		34												SKIP							From STA # 69 to 73, Due to Houses.
060 74	77	-	172		39											8	30%							
061 75	78	-	173		40												30%							
062 76	79	-	174		41												30%							
063 77	80	-	175		42												30%							4 Vib's 110 spacing.
SKIP 78	81	-	176		43												SKIP							Light Rain starting to fall on line.
SKIP 79	82	-	177		44												SKIP							From STA # 79 to 81 Due to Houses.
064 82	85	-	180		47	342											30%							Stacked LAST HALF. E.O.T # 342 t/m.
065 83	86	-	181		30	343											60db							Bot # 343 * 900 10 sec All ones
066 83	86	-	181		30										4	8	30%	128	Moved					Recorder to 128-129. Vib # 23652
067 84	87	-	182		31												30%							Down, working on pad.
068 85	88	-	183		32												30%							
069 86	89	-	184		33												30%							4:00

windstrip



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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CREW NO. 6833		LINE # 4		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Blacktop		DATE MONTH 9 DAY 13 YEAR 84		CLIENT COCOPEP		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					
SKIP 110	113	-	208		26	345	48								5	SKIP	159	990				WASHINGTON, STEVENS CO.	
092	114	117	-	212	30											4	30%					From STA#110 to 113, Due to Houses.	
093	115	118	-	213	31												30%					4 Sweeps ONLY, File#092	
094	116	119	-	214	32												30%						
095	117	120	-	215	33												30%						
096	118	121	-	216	34												30%						
097	119	122	-	217	35												30%						
098	120	123	-	218	36												30%						
SKIP	121	124	-	219	37												SKIP					Due to House.	
SKIP	122	125	-	220	38												SKIP					" " " "	
099	123	126	-	221	39												30%					Stacked LAST HALF.	
100	124	127	-	222	40									4			30%					Vib#23652 Down, working on Pad.	
101	125	128	-	223	41				1								30%						
102	126	129	-	224	42												50%					Vib ARE ON gravel Road, 50% DRIVE	
103	127	130	-	225	43	345											50%					E.O.T#345, TAPE MKTS.	
104	128	131	-	226	44	346	wind strip										60%					B.O.T#346, 900 10 sec ALL ONES.	
105	128	131	-	226	44												50%						
106	129	132	-	227	45												50%						
107	130	133	-	228	46												50%						
108	131	134	-	229	47												50%						
109	132	135	-	230	48												50%						
110	133	136	-	231	49				1								50%	179				Recorder moved up at #179	
111	134	137	-	232	30												50%						
112	135	138	-	233	31												50%						
113	136	139	-	234	32				1								50%						
114	137	140	-	235	33												50%						
115	138	141	-	236	34				1								50%						
116	139	142	-	237	35												50%						
117	140	143	-	238	36	346											50%					E.O.T#346, TAPE MKTS.	
118	141	144	-	239	37	347	wind strip										60%					B.O.T#347, 900 10 sec ALL ONES.	
119	141	144	-	239	37												50%						
120	142	145	-	240	38												50%					4:30	

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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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	OP.	PM.						
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	347	48										199	990	Washington, Stevens Co.	
934/935	FiNT			2	- "	"														5 Vibs, 1st Vib starts, 21' Past Flag,	
936/939	DRD			4	- "	"									ARRIVE FIELD			8:00		82.5 Spacing, 41.25 move up, 32 sec	
953/954	Sum Test			2	- "	"														Sweep, 48 sec Record, 8 sweeps, Alias	
960/961	NRS Test			2	- "	"														31.25hz, sweep Freq 8-32hz.	
932	Similarity			1	- 32	sec	236								5	1	30%	9:00			
121	windstrip			1	- 48	sec	19								4ms sample RATE, Alias 62-5			60db			
122	143	146	-	241			19								5	8	50%	9:35			
123	144	147	-	242			20										50%				
124	145	148	-	243			21										50%				
125	146	149	-	244			22		1								50%				
126	147	150	-	245			23										50%				
127	148	151	-	246			24										50%				
128	149	152	-	247			25	347									50%			EOT # 347 Tape MKTs.	
129	150	153	-	248			26	348	windstrip								60db			BOT # 348 * 900 10sec All ones.	
130	150	153	-	248			26										50%				
131	151	154	-	249			27										50%				
132	152	155	-	250			28										50%				
133	153	156	-	251			29										50%				
134	154	157	-	252			30										50%			Replaced Bad cable.	
135	155	158	-	253			31										50%				
136	156	159	-	254			32										50%				
137	157	160	-	255			33										50%			Replaced Bad cable.	
138	158	161	-	256			34										50%				
139	159	162	-	257			35										50%				
140	160	163	-	258			36										50%				
141	161	164	-	259			37										50%				
142	162	165	-	260			38	348									50%			EOT # 348 Tape MKTs.	
143	163	166	-	261			39	349	windstrip								60db			BOT # 349 * 900 10sec All ones.	
144	163	166	-	261			39										50%				
145	164	167	-	262			40										50%				
146	165	168	-	263			41										50%				



# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 4	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Dirt Road	DATE MONTH 9 DAY 17 YEAR 84	CLIENT cocorp	OP 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				
933	Pulse		1	-6	sec		350	48						5	8	50%	248	990		Washington, Stevens Co.	
934/935	EINT		2	-"	"															5 Vibs, 1st Vib 21' Past Flag	
936/939	DRD		4	-"	"															82.5 spacing, 41.25 move/1/2	
953/954	Sum test		2	-"	"															ARRIVE Field 8:30	
960/961	NRT test		2	-"	"															32sec Sweep, 48sec Record	
932	Similarity		1	-32	sec	236								5	1	30%		9:00		8 sweeps, 87 32Hz Sweep Flag	
163	windstrip		1	-48	sec	8														NOTE: CATTLE ALONG LINE.	
164	181	184	-	279		8								5	8	30%		9:45		4ms Sample RATE, Alias 62.5	
165	182	185	-	280		9	350													E.O.T #350, TAPE MKTS	
166	183	186	-	281		10	351	windstrip												B.O.T #351, 900, 10sec ALL ONES	
167	183	186	-	281		10															
168	184	187	-	282		11															
169	185	188	-	283		12															
170	186	189	-	284		13															
171	187	190	-	285		14															
172	188	191	-	286		15															
173	189	192	-	287		16															
174	190	193	-	288		17															
175	191	194	-	289		18															
176	192	195	-	290		19															
177	193	196	-	291		20															
178	194	197	-	292		21															
179	195	198	-	293		22	351														
180	196	199	-	294		23	352	windstrip													
181	196	199	-	294		23															
182	197	200	-	295		24															
183	198	201	-	296		25															
184	199	202	-	297		26															
185	200	203	-	298		27															
186	201	204	-	299		28															
187	202	205	-	300		29															
188	203	206	-	301		30								4		50%				Vib #15382, Down, Replacing Fuel switch.	

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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GEO-252-D

CREW NO. 834		LINE #4		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt Road		DATE MONTH 9 DAY 17 YEAR 84		CLIENT ESCOOP		OB. P. HAYES		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						
189	204	207	-	302	31	352	48									4	8	50	248	990'				
190	205	208	-	303	32														50%					
191	206	209	-	304	33														50%					
192	207	210	-	305	34														50%					
193	208	211	-	306	35	352													50%					E.O. #352, TAPE MKTS.
194	209	212	-	307	36	353		wind strip											60%					B.O. #353, 900 10sec ALL ONES.
195	209	212	-	307	36														50%					
196	210	213	-	308	37														50%					
197	211	214	-	309	38														50%					
198	212	215	-	310	39														50%					
199	213	216	-	311	40														50%					
200	214	217	-	312	41														50%					
201	215	218	-	313	42														50%					
202	216	219	-	314	43														50%					
203	217	220	-	315	44														50%					
204	218	221	-	316	45														50%					
205	219	222	-	317	46														50%					
206	220	223	-	318	47														50%					
207	221	224	-	319	48	353													50%	4:10				E.O. #353, TAPE MKTS.

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE # 4		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER cloudy, wet. Diff. lead		TRAIL CONDITIONS		DATE MONTH 9		DAY 20		YEAR 84		CLIENT		OB. M. Richy		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		35448							5	8	5%	280	990'												Washington, Stevens
934	FINT	2	-	"	"																									5 Vibs, 1st Vib start 2' Past
935	D.R.D	4	-	"	"																									FLAG, 82-5 spacing, 41'25
953	sum	2	-	"	"																									8:30
954	Test	2	-	"	"																									move UP: NOTE: we Replaced
960	M.R.J	2	-	"	"																									Both PREAMP BAYS, *IFP BAY.
232	Similarity	1	-	32	sec	236								4		30%		9:00												NOTE: some leakage on line
208	Winoship	1	-	48	sec	17								4		60%														light RAIN falling.
209	222 225	-		320		17								4		50%		10:15												Vib #15382 Down, working on Fuel switch.
																														NOTE: starting to RAIN HARDER
																														STANDING BY. Time Very WET.
																														(stopping For the DAY.)

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE #4		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER cloudy, wet, dirt road		TRAIL CONDITIONS		DATE MONTH 9 DAY 21 YEAR 84		CLIENT COCORP		OB M. Richey		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
933	Pulse	1	-	6	sec		354	48								5	8	50%	280	990'	WASHINGTON, STEVENS CO.		
934	35 EINT	2	-	11	" "																5 Vibs, 1st Vib starts 21' past Flag, 41.25 move up, 82.5 spacing		
936	39 D.R.D	4	-	11	" "																ARRIVE Field 8:30		
953	50m test	2	-	11	" "																32sec sweep, 48sec Record, 8 sweeps, 8 → 32Hz sweep Freq		
960	461 N.R.5	2	-	11	" "																NOTE: some leakage along lines.		
932	similarity	1	-	32	sec	235										5	1	30%	9:15		NOTE: WE Replaced both preamp BAYS, and I.F.P BAY.		
210	wind strip	1	-	48	sec	18															4ms sample rate, alias 625		
211	223	226	-	321		18										5	8	50%	12:30				
212	224	227	-	322		19																	
213	225	228	-	323		20															Replaced leaky cable.		
214	226	229	-	324		21																	
215	227	230	-	325		22																	
216	228	231	-	326		23	354														E.O.T #354, TAPE MKTS		
217	229	232	-	327		24	355	wind strip													B.O.T #355, 900 10sec ALL ONES.		
218	229	232	-	327		24																	
219	230	233	-	328		25																	
220	231	234	-	329		26										4					Vib #25874 Down, servo Valve leak.		
221	232	235	-	330		27																	
222	233	236	-	331		28																	
223	234	237	-	332		29										5					Vib #17311 Down, BACK MASS problems.		
224	235	238	-	333		30															Vib #17311 and #25874, BACK ONLINE.		
225	236	239	-	334		31																	
226	237	240	-	335		32																	
227	238	241	-	336		33																	
228	239	242	-	337		34																	
229	240	243	-	338		35	355													5:15	E.O.T #355, TAPE MKTS		

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 834		LINE # 4		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy, wet Dirt Road		TRAIL CONDITIONS		DATE MONTH 9 DAY 23 YEAR 84		CLIENT Cocorp		OB M. Richey		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
933	Pulse	1	-	6	sec		356	48						5	8	50%	29%	990'					WASHINGTON, ST. LEAS E.O. B.O. # 356, 900 10sec ALL ONES.
939	SEINT	2	-	"	"																		5 Vib, 1st Vib 21' PAST FLAG,
939	D.R.O	4	-	"	"													8.30					ARRIVE Field 82.5 spacing, 41.25 MOVE UP
953	sum test	2	-	"	"																		8 Sweeps, 8 > 32 Hz Sweep Freq.
960	N.R.S	2	-	"	"																		NOTE: CATTLE ALONG LINE.
982	Simulation	1	-	32	sec	236								5	1	30%		9:15					Vibs HAVE A 6 second Delay, AFTER
230	Windstrip	1	-	48	sec	20																	4ms sample RATE, Alias 62.5.
231	241	244	-	339		20								5	8	50%		9:40					STA# 330 OPEN, DUE TO POWER LINES
232	242	245	-	340		21																	50%
233	243	246	-	341		22																	50%
234	244	247	-	342		23																	50%
235	245	248	-	343		24																	50%
236	246	249	-	344		25																	50%
237	247	250	-	345		26																	50%
238	248	251	-	346		27																	50%
239	249	252	-	347		28																	50%
240	250	253	-	348		29	356																E.O. # 356, TAPE MKTS.
241	251	254	-	349		30	357	WINDSTRIP															B.O. # 357, 900 10sec ALL ONES.
242	251	254	-	349		30																	CABLE CROSSING HIGHWAY AT STA# 349-350,
243	252	255	-	350		31																	50%
244	253	256	-	351		32																	50%
245	254	257	-	352		33																	50%
246	255	258	-	353		34																	50%
247	256	259	-	354		35																	50%
248	257	260	-	355		36																	50%
249	258	261	-	356		37																	50%
250	259	262	-	357		38																	50%
251	260	263	-	358		39																	30%
252	261	264	-	359		40																	50%
253	262	265	-	360		41																	50%
254	263	266	-	361		42	357																50%
255	264	267	-	362		43	358	WINDSTRIP															60%

STA# 360 OPEN, DUE TO A HIGHWAY  
 E.O. # 357, CABLE CROSSING HIGHWAY.  
 B.O. # 358, 900 10sec ALL ONES

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO.	LINE #	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	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE	INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
6837	4																					WASHINGTON, STEVENS
256	264	267	-	362	43	358	48									5	8	50%	296		990'	
257	265	268	-	363	44													50%				
258	266	269	-	364	45													50%				
259	267	270	-	365	46													50%				STA# 365 + 366 OPEN, Due to
260	268	271	-	366	47													50%				A Bridge.
261	269	272	-	367	48													50%				
262	270	273	-	368	49													50%				
263	271	274	-	369	34													50%	312			Recorder moved up at #312.
264	272	275	-	370	35													50%				STA# 370 OPEN, Due to A DRIVE
265	273	276	-	371	36													50%				WAY.
266	274	277	-	372	37													50%				
267	275	278	-	373	38													50%				
268	276	279	-	374	39	358												50%				E.O.T# 358, TAPE MKTS.
269	277	280	-	375	40	359		WINDSWIP										LOW				B.O.T# 359, 900 10sec ALIQUOTS.
270	277	280	-	375	40													50%				
271	278	281	-	376	41													50%				
272	279	282	-	377	42													50%				
273	280	283	-	378	43													50%				
274	281	284	-	379	44													50%				
275	282	285	-	380	45													50%				
276	283	286	-	381	46													50%				
277	284	287	-	382	47													50%				
278	285	288	-	383	48													50%				
279	286	289	-	384	49	359												50%		5:00		E.O.T# 359, TAPE MKTS.

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OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D		CREW NO. 683	LINE # 4	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER partly cloudy	TRAIL CONDITIONS Dist Road	DATE MONTH 9	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				INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS				
923	Pulse	1	-	6	sec		360	48									WASHINGTON, STEVENS.	
924	EINT	2	-	"	"												5 Vibs, 1st Vib START 21' PAST	
925	DR. D	4	-	"	"												Flag, 82.5 spacing, 41.25 MOVE UP.	
926	sum test	2	-	"	"												ARRIVE Field 8:30 8 SWEEPS, 32sec SWEEPS, 48sec	
927	NIRJ	2	-	"	"												Record, 8 > 32Hz sweep Freq.	
932	SIMILARITY	1	-	32	sec	236											STATION #330 OPEN DUE TO POWER	
280	WIND strip	1	-	48	sec	3											lines, STA #353 OPEN DUE TO A RIVER	
281	287	290	-	385		3											4ms sample RATE, ALIAS 62.5	
282	288	291	-	386		4											STA #360 OPEN, DUE TO HIGH-WAY	
283	289	292	-	387		5											5 50% 10:25 STA #365 # 366 OPEN, DUE TO A BRIDGE.	
284	290	293	-	388		6											50% STA #370 OPEN, DUE TO A DRIVE WAY.	
285	291	294	-	389		7											Vibs HAVE A 10sec DELAY AFTER	
286	292	295	-	390		8											the SWEEP. LOTS ONE NOISE	
287	293	296	-	391		9											ALONG LINE, DUE TO A TOWN.	
288	294	297	-	392		10												
289	295	298	-	393		11												
290	296	299	-	394		12	360											
291	297	300	-	395		13	361	WIND strip										
292	297	300	-	395		13												
293	298	301	-	396		14												
294	299	302	-	397		15												
295	300	303	-	398		16												
296	301	304	-	399		17												
297	302	305	-	400		18												
298	303	306	-	401		19												
299	304	307	-	402		20												
300	305	308	-	403		21												
301	306	309	-	404		22												
302	307	310	-	405		23												
303	308	311	-	406		24												
304	309	312	-	407		25	361											
305	310	313	-	408		26	362	WIND strip										

EOT # 361 Tape mKts  
BOT # 362 # 900 10sec All ones.



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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GEO-252-D

CROW NO. 6834		LINE NO. 4	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Cloudy	TRAIL CONDITIONS Dirt Road	DATE MONTH 9	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	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		363	48								5	8	50%	387	990	Washington, Stevens Co.
934/935	E.INT		2	-"	"																4 Vib, 1st Vib start 21' PAST FLAG, 110' spacing, 41.25 move up
936/939	DRD		4	-"	"																ARRIVE FIELD 8:30 8 sweeps. 32sec 8 sweep, 48sec
953/954	Sum TEST		2	-"	"																Record, Alias 31.25
960/961	NRS TEST		2	-"	"																STA# 353, 360, 365, 366, 370, OPEN
932	similarity		1	-32	sec	235	363									4		30%	9:00		E.O.T# 363, TAPE MKTS
328	windstrip		1	-48	sec	19	364											60%			B.O.T# 364 900 10sec ALL ONES
329	331	334	-	429		19										4		50%	9:30		Lots of Noise Along Line, Due to
330	332	335	-	430		20												50%			TOWN. Vib# 15382 Down, working on
331	333	336	-	431		21												50%			Pump.
332	334	337	-	432		22												50%			
SKIP	335	338	-	433		23												SKIP			Due to a House.
SKIP	336	339	-	434		24												SKIP			" " " "
333	337	340	-	435		25												50%			
334	338	341	-	436		26												50%			
335	339	342	-	437		27												50%			
336	340	343	-	438		28												50%			
337	341	344	-	439		29												50%			
SKIP	342	345	-	440		30												SKIP			From STA# 342 to #349 Due to houses.
338	350	353	-	448		38												50%			
339	351	354	-	449		39												50%			E.O.T# 364, TAPE MKTS
SKIP	352	355	-	450		40												SKIP			From STA# 352 to 354, Due to cross-country.
340	355	358	-	453		43												50%			B.O.T# 365, 900 10sec ALL ONES (60% windstrip)
341	355	358	-	453		43												50%			ON VP# 368 Vib on Black TOP, will
342	356	359	-	454		44												50%			stay in low Drive 30%
SKIP	357	360	-	455		45												SKIP			From STA# 357 to 367, Due to houses.
343	368	371	-	464		30												30%	411		Recorder moved up at #411.
344	371	374	-	464		30												30%			CDP will Remain The Same.
345	375	369	372	378	464	30												30%			
346	380	369	377	383	464	30												30%			
347	384	369	381	387	464	30												30%			
348	388	369	385	391	464	30												30%			

