



GEO-211-C

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

GENERAL

Crew No. 6934 Contract No. 799
 Client COCORP
 Area WA.
 Country WA.
 County OKANOGAN
 Concession OKANOGAN
 State WA.
 Party Mgr. B. Cassidy OB/JO. D. MOORE
 Line No. 8 Date Start of Line 7-29-85
 Sta. Int. 330' Feet Meters Fold 48%
 Spread Dimensions 1-31350
 VP's Increase N E S W

 N → S

GEOPHONES

Manufacture MD-100's Array Length 322'
 Frequency 8hz Array Width w/line
 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 at Sta Ser Par Separation between elements in the array 14.34'
 14'

RECORDING SYSTEM

Type: MDS-10
 Format: SEG-B
 No. of Channels: 96
 Sample Rate: 8ms
 Record Length: 48 SEC
 BPI: 800
 Low-Cut Filter Freq: OUT Slope: OUT
 High-Cut Filter Freq: ALIAS 31.25Kz Slope: OUT
 Static Filter In Out
 Notch Filter In Out
 60 Hz
 UH Ch. Wireline On Tape N/A
 On Tape Radio On Tape N/A
 Sweep Ch. AUX #2 GALV #50
 On Tape AUX #4 GALV #52

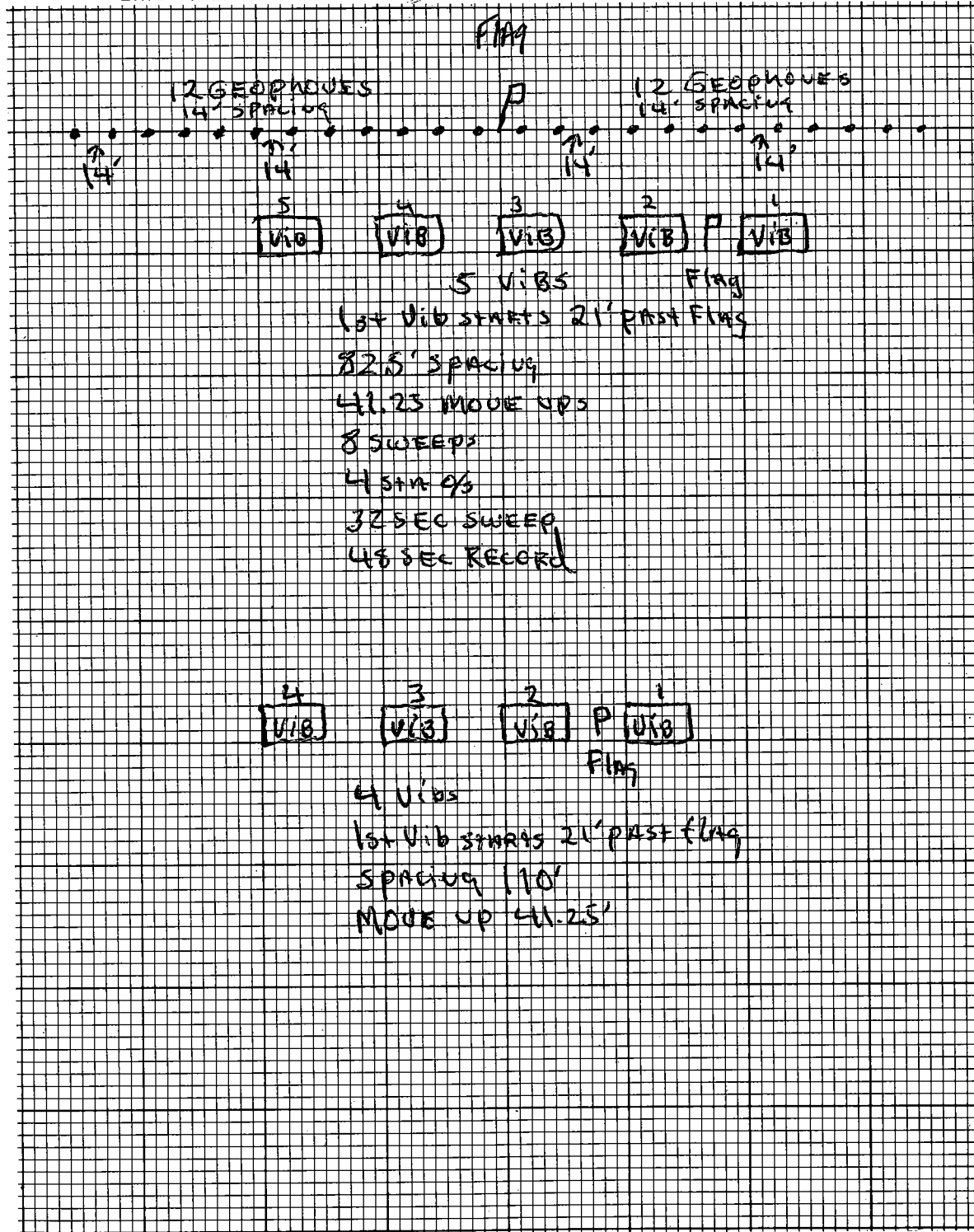
ENERGY SOURCE

Type: Y-1100's
 Manufacturer: 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: 8 SWEEPS
 Sweep Freq: 10732 Hz
 Sweep Length: 32 SEC
 Unit Separation: 825 Feet Meters
 Unit Moveup: 41.25 Feet Meters
 Array Centered: Across Sta Between Sta

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

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 DIR+Rd		DATE MONTH 7 DAY 29 YEAR 85		CLIENT COCORP		JOB 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							
SKIP	25	29	-	124	37	961	48																	Washington OKANOGAN Co.	
SKIP	26	30	-	125	38																			VPs #25 + #26 skipped due to houses	
023	27	31	-	126	39										4	8	30%								
024	28	32	-	127	40	961											50%	4:20						E.O.T. #961 Tape MKTS.	

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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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 Rd.		DATE MONTH 7 DAY 30 YEAR 85		CLIENT COCORP		OB MOORE		PM 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		962	48										104		4	Washington Oklahoma Co.		
934/935	EINT		2	6	"																4 Vib# 1st vib starts 21' past line 110' spacing		
936/939	DRD		4	6	"															8:00	ARRIVE FIELD		
953/954	SUM	+EST	2	6	"																41.25' MOVE UP 32 SEC SWEEP 48 SEC RECORD		
960/961	NR3	TEST	2	6	"																8 SWEEPS ALIAS 31.25 Hz 10732 Hz SWEEP FREQ		
932	Similarity		1	32	"															11:00	8ms SAMPLE RATE		
025	Windstrip		1	48	"	1															Sims taken through line with camera		
026	29	33	-	128	1																	4ms SAMPLE RATE ALIAS 625 Hz	
027	30	34	-	129	2																11:15	60db	
028	31	35	-	130	3																	4 8 50%	
029	32	36	-	131	4																	50%	
Skip	33	37	-	132	5																	50%	
Skip	34	38	-	133	6																	Skip	
030	35	39	-	134	7																	Skip	
031	36	40	-	135	8																	30%	
032	37	41	-	136	9																	30%	
033	38	42	-	137	10																	50%	
034	39	43	-	138	11																	50%	
035	40	44	-	139	12																	50%	
036	41	45	-	140	13		962															50%	
037	42	46	-	141	14		963															E.O.T. #962 TAPE MKTS	
038	42	46	-	141	14																	Windstrip	
039	43	47	-	142	15																	60db	
040	44	48	-	143	16																	50%	
041	45	49	-	144	17																	50%	
042	46	50	-	145	18																	50%	
043	47	51	-	146	19																	50%	
044	48	52	-	147	20																	50%	
Skip	49	53	-	148	21																	30%	
045	50	54	-	149	22																	First halt	
046	51	55	-	150	23																	30%	
047	52	56	-	151	24																	30%	

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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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 RD.		DATE MONTH 7 DAY 30 YEAR 85		CLIENT COCORP		OB MOORE		PM 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 1	TR -	TR -	TR 96				TAPE	MEMORY PLUGS	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE						
Skip	53	57	-	152	25	963	48																	Washington OKAHOOGAN CO.
Skip	54	58	-	153	26																			VPs # 53 + 54 SKIPPED DUE TO HOUSES.
048	55	59	-	154	27										4	8	30%							last halt
049	56	60	-	155	28												50%							
050	57	61	-	156	29	963											50%							E.O.T. # 963 TAPE MKII.
Skip	58	62	-	157	30												Skip							VP # 58 SKIPPED DUE TO A BARU
051	59	63	-	158	31	964			Windstrip								60db							B.O.T. # 964 #900 10 SEC - ALL OUES
052	59	63	-	158	31												50%							
053	60	64	-	159	32												50%							
054	61	65	-	160	33												30%							First halt
Skip	62	66	-	161	34												Skip							
Skip	68	72	-	167	40												Skip					3:50		VPs # 62 thru 68 SKIPPED DUE TO HOUSES

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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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 PAVED RD		DATE MONTH 7 DAY 31 YEAR 85		CLIENT COCORP		OB MOORE		PM 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 9L				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS								DRIVE			
933	Pulse		1	6	SEC		964	48									144		4	Washington, Okanogan Co.								
934/935	Eint		2	6	"															4 Vib 1st Vib starts 21' past flag 110' spacing								
936/939	DRD		4	6	"													8:00		41.25' MOVE UPS, 32 SEC SWEEP, 48 SEC RECORD								
953/954	SUM test		2	6	"															8 SWEEPS Alais 31.25 Hz 8MS SAMPLE RATE								
960/961	NRJ test		2	6	"															10 → 32 Hz SWEEP FREQ 32 SEC SWEEP								
932	Similarity		1	32	"													11:00		SIMS TAKEN THROUGH LINE WITH CAMERA								
055	Windstrip		1	48	"	1														4ms SAMPLE RATE Alais 62.5 Hz								
056	69	73			168	1														4	8	30%	11:20		60db			
057	70	74			169	2																			Vibs will be starting on a PAVED rd.			
Skip	71	75			170	3																			Vib #25874 Down fuel problems back motor			
Skip	72	76			171	4																			UPs #71 + 72 Skipped due to TRAILER HOUSE			
058	73	77			172	5																			Skip			
059	74	78			173	6																			Skip			
060	75	79			174	7																			30%			
Skip	76	80			175	8																			First halt			
061	77	81			176	9																			UP #76 Skipped due to BARU			
062	78	82			177	10	964																		Last halt			
063	79	83			178	11	965		Windstrip																E.O.T. # 964 TAPE MKTS.			
064	79	89			178	11																			B.O.T. # 965 #900 10 SEC ALL ONES			
065	80	84			179	12																			Skip			
066	81	85			180	13																			30%			
Skip	82	86			181	14																			First halt			
067	89	93			188	21																			UPs 82 + thru 88 Skipped due to HOUSES AND			
068	90	94			189	22																			A CEMETERY			
069	91	95			190	23																			Skip			
070	92	96			191	24																			30%			
071	93	97			192	25																			30%			
072	94	98			193	26																			30%			
073	95	99			194	27																			30%			
074	96	100			195	28																			Skip			
075	97	101			196	29	965																		30%			
Skip	98	102			197	30																			E.O.T. #965 TAPE MKTS			
																									UPs #98 thru 101 Skipped due to HOUSES			

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 Rd			DATE MONTH DAY 1 YEAR 85		CLIENT Colorp		JOB MOORE		PM 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		967	48		MISSED SWEEPS	Bot #	967	#900	10sec	ADL	ones		189		4	Washington Okavogan co.					
934/935	Fiut		2-6	"															4	4 Vibs 1st Vib starts 21' past flag 110' spacing 41.25' MOVE ups 32 SEC SWEEP 48 SEC					
936/939	DRD		4-6	"														8:15		RECORD 8 SWEEPS Alais 31.25 hz 8ms SAMPLE RATE 10932 hz SWEEP FREQ.					
953/954	SUM	TEST	2-6	"																STAS # 165 + 166 OPEN DUE TO STEEP TERRAIN					
960/961	MRTS	TEST	2-6	"																TUO PLACE TO PLANT GEOPHONES.					
932	Similarity		1-32	"					SIMS TAKE PICTURE WITH CAMERA					4	4	30	9:20		NOTE: Some Ltq. because of the ground is wet						
090	Windstrip		1-48	"	2				4ms SAMPLE RATE Alais 62.5 hz							60db			NOTE: Vib down # 25874 due to fuel problems						
091	115	119	---	214	2				1					4	8	30%	9:45		back motor						
092	116	120	---	215	3									4	8	30%	9:45		light wind blast						
093	117	121	---	216	4											50%									
094	118	122	---	217	5											50%									
095	119	123	---	218	6											30%									
096	120	124	---	219	7											30%									
097	121	125	---	220	8											30%									
098	122	126	---	221	9											30%									
099	123	127	---	222	10				1							30%									
100	124	128	---	223	11											30%									
101	125	129	---	224	12	967			1							30%			E.O.T. #967 Tape MRTS						
102	126	130	---	225	13	968	WINDSTRIP									60db			B.O.T. #968 #900 10sec ALLOVES						
103	126	130	---	225	13											30%			NOTE: STANDRY Vib # 33332 down due to LVTD Rod need only REPAIR Vib back online						
104	127	131	---	226	14				1							50%									
105	128	132	---	227	15											50%									
106	129	133	---	228	16											30%									
107	130	134	---	229	17				1							30%									
108	131	135	---	230	18											30%									
109	132	136	---	231	19											30%									
110	133	137	---	232	20											30%									
111	134	138	---	233	21				1							30%									
112	135	139	---	234	22				4							30%			NOTE: Light RAIN falling						
113	136	140	---	235	23				1							30%									
114	137	141	---	236	24				1							30%									
SKIP	138	142	---	237	25											50%			VP # 138 skipped due to house						

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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GEO-252-D

CREW NO. 6834		LINE NO. 8		LEAVE TOWN/CAMP 6:30		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER (Light) Cloudy + RAIN		TRAIL CONDITIONS DIRT + Rd		DATE MONTH 8 DAY 1 YEAR 85		CLIENT COCORP		JOB MOORE		PM 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					
115	139	143	---	238	26	968	48									4	8	30%	189		4	Washington Okavanga Cr.	
116	140	144	---	239	27	969		WINDSTRIP										60%				F.O.T. #968 Tape MTRS; last half	
117	140	144	---	239	27													30%				B.O.T. #969 #900 10sec Allowes	
118	141	145	---	240	28													30%					
119	142	146	---	241	29													50%					
120	143	147	---	242	30													30%					
Skip	144	148	---	243	31													50%				VP #144 skipped due to house	
121	145	149	---	244	32													30%		3:10		Last half, shut down due to RIA + Lighting	

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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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 DIRTY	DATE MONTH 8 DAY 2 YEAR 85	CLIENT COCORP	OB Moore	PM 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				
933	Pulse		1-6	Sec		969	48		missed sweep									219	4	Washington Okmogan Co.	
934/435	EINT		2-6	"																4 Vib 1st start 21' past flag, 110' spacing, 41.25 move ups, 32 sec sweep, 48 sec record,	
936/939	DRD		4-6	"										ARRIVED Field				8:20		8 sweeps, ALIAS 31.25 Hz, 10 → 32 Hz sweep freq,	
953/954	Sum		2-6	"																8ms sample rate	
960/961	NRS		2-6	"																NOTE: STA #165 + #166 open due to steep	
932	similarity		1-32	"										4	1	30%		9:45		terranean + no place to plant geophones	
122	windstrip		1-48	Sec 3												60db				NOTE: Some hkg. on line ground is wet	
123	146	150	---	245	3									4	8	50%		10:00		NOTE: Vib down #25874 down line to	
124	147	151	---	246	4											50%				fuel problems back motor	
125	148	152	---	247	5											50%					
126	149	153	---	248	6											50%				NOTE: Crew standing by Vib down	
127	150	154	---	249	7	969			E.O.T. #969 Tape MKTS							50%				#32940 due to servo valve	
128	151	155	---	250	8	970			windstrip							60db				B.O.T. #970 #900 10sec ALL ONES	
129	151	155	---	250	8											50%					
130	152	156	---	251	9											50%					
131	153	157	---	252	10											50%					
132	154	158	---	253	11											50%					
133	155	159	---	254	12											50%					
134	156	160	---	255	13											50%					
135	157	161	---	256	14											50%					
136	158	162	---	257	15											50%					
137	159	163	---	258	16											50%					
138	160	164	---	259	17											50%					
139	162	165	---	260	18											50%					
140	162	166	---	261	19											50%					
141	163	167	---	262	20	970										50%				E.O.T. #970 Tape MKTS	
142	164	168	---	263	21	971										60db				B.O.T. #971 #900 10sec ALL ONES	
143	164	168	---	263	21											50%					
Skip	165	169	---	264	22											SKIP					VPS #165 thru #170 skipped due to cross country
141	171	175	---	270	28											50%					Last half
142	172	176	---	271	29											50%					
143	173	177	---	272	30											50%					

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6934 LINE NO. 8		LEAVE TOWN/CAMP 6:30	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR	TRAIL CONDITIONS DIRT RD.	DATE MONTH 8 DAY 5 YEAR 85	CLIENT COLCORP	OB MOORE	PM 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 MISSED	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS				
933	Pulse		1	6	SEC	972	48										255	4	Washington Okawogau CO.	
934/935	Fiwt		2	6	"														5 Vibs 1st vib starts 21' past E1A9 82.5'	
936/939	DRP		4	6	"									ARRIVE FIELD			8:30		spacing 41.25' MOVE UPS 32 SEC SWEEP	
953/954	SWM		2	6	"														48 SEC RECORD 8 SWEEPS A1A13 31.25 Hz	
960/961	NRS		2	6	"														1073 Hz SWEEP FREQ. 8 VIBS SAMPLE RATE	
932	Similarity		1	32	"													10:45	DATE START DUE TO SIMS	
153	Windstrip		1	48	"														4 VIBS SAMPLE RATE A1A13 62.5 Hz	
154	180	184	-	279	1															
155	181	185	-	280	2															
156	182	186	-	281	3														1st half due to unstable ROAD (STEEP HILL)	
157	183	187	-	282	4															
158	184	188	-	283	5														STAs #228 thru 230 CAME IN AREA. (NOISE)	
159	185	189	-	284	6															
160	186	190	-	285	7															
161	187	191	-	286	8															
162	188	192	-	287	9															
163	189	193	-	288	10															
164	190	194	-	289	11	972													E.O.T. #972 Tape MKts.	
165	191	195	-	290	12	973	Windstrip												B.O.T. #973 #900 10 SEC ALLOWES	
166	191	195	-	290	12															
167	192	196	-	291	13															
168	193	197	-	292	14															
169	194	198	-	293	15															
170	195	199	-	294	16															
171	196	200	-	295	17															
172	197	201	-	296	18															
173	198	202	-	297	19															
174	199	203	-	298	20														5 Vibs 82.5' spacing	
175	200	204	-	299	21															
176	201	205	-	300	22															
177	202	206	-	301	23															
178	203	207	-	302	24	973													E.O.T. #973 Tape MKts	

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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 RD			DATE MONTH 8 DAY 6 YEAR 85		CLIENT COCORD		OB MOORE		PM 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							
933	Pulse		1-6	5ec		975	48		missed sweep									261		4	Washington Okawogan Co. B.O.T. #975 #900 10sec ALLOWES			
934/935	WIND		2-6	"																	5 Vib 1st starts 21' past flag, 82.5' spacing			
936/939	DRD		4-6	"											ARRIVED FIELD			8:30			41.25 move ups, 32 sec sweep, 4 sec record			
953/954	Sum		2-6	"																	8 sweeps, Alias 31.25 Hz, 10 → 32 Hz sweep			
960/961	NRS		2-6	"																	freq, 8ms sample rate			
932	similarity		1-32	"															9:15		NOTE: STA. #274 is noisy due someone in			
191	winds+rip		1-48	50L	30																4ms sample rate Alias 62.5 Hz Line cutting trees			
192	215	219	-	314	30															9:30	NOTE: CREW WALK line through geophones			
193	216	220	-	315	31																due to cattle			
194	217	221	-	316	32																50%			
195	218	222	-	317	33																50%			
196	219	223	-	318	34																50%			
197	220	224	-	319	35																50%			
198	221	225	-	320	36																50%			
199	222	226	-	321	37																50%			
200	223	227	-	322	38																4 vib 110' spacing, Vib down #32980 due			
201	224	228	-	323	39																to hyd. leak			
202	225	229	-	324	40	975															E.O.T. #975 Tape MKTS.			
203	226	230	-	325	41	976	windstrip														B.O.T. #976 #900 10sec ALLOWES			
204	226	230	-	325	41																50%			
205	227	231	-	326	42																50%			
206	228	232	-	327	43																50%			
207	229	233	-	328	44																50%			
208	230	234	-	329	45																50%			
209	231	235	-	330	46																50%			
210	232	236	-	331	47																50%			
211	233	237	-	332	48																50%			
212	237	237	-	332	48																STA #332 E.O.L, Line #8			
213	241	237	-	332	48																Vib will be shaking every 4th STA.			
214	245	237	-	332	48																To E.O.L. CDP will not change Vib			
215	249	237	-	332	48																shaking in live STA, as requested by client			
216	253	237	-	332	48	976															50%			
																					E.O.T. #976 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											
6834	8	6:30				CLEAR	DIRT RA	8	6	85	COCORP	MOORE	CASSIDY											
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	96	POSITION	REEL NO.	PAMPS or "K"	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS	DRIVE					
217	257	237	-	332	48	977	48				missed Sweep	WIN	dstrip						60db	261				Washington OKANOGAN Co. B.O.T. #977 #900 10sec ALLOWES
218	257	237	-	332	48												5	8	50%					
219	262	237	-	332	48							4vibs	110'	spacing			4		50%					Vib down #25874 due to hyd. Leak
220	266	237	-	332	48														50%					
221	270	237	-	332	48														50%					
222	274	237	-	332	48														50%					
223	278	237	-	332	48						1								50%					
224	282	237	-	332	48														50%					
225	286	237	-	332	48														50%					
226	290	237	-	332	48														50%					
227	294	237	-	332	48														50%					
228	298	237	-	332	48						1								50%					
229	302	237	-	332	48														50%					
230	306	237	-	332	48	977													50%					E.O.T. #977 Tape MKTS.
231	310	237	-	332	48	978					windstrip								60db					B.O.T. #978 #900 10sec ALLOWES
232	310	237	-	332	48														50%					
233	314	237	-	332	48												5		50%					5vibs 82.5' spacing
234	318	237	-	332	48						1								50%					
235	322	237	-	332	48														50%					
236	326	237	-	332	48						1								50%					
237	330	237	-	332	48	978													50%		4:15			E.O.T. #978 Tape MKTS.

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