

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 2		LEAVE TOWN/CAMP 7.00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS BLACK TOY		DATE MONTH 6 DAY 15 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	
933	PULSE			1-6	sec.		172	48							5	8	30%	268					1326	B.O.T #172, 900 10 sec. ALL ONES
934/935	EINT			2-	" "																			5 VIBS. 1st. VIBE 21' PAST FLAG
936/939	DRO			4-	" "																			82.5 SPACING, 41.25 MOVE-UP
953/954	SUM TEST			2-	" "																			32 sec, SLEEP, 48 sec. RECORD
960/961	NRTJ			2-	" "																			31.25 ALIAS
932	SIMILARITY			1-32	sec.	236									5	1	30%	10.55						NOTE: CREW IS LAYING OUT LINE.
001	WINDSTRIP			1-48	sec	10																		4 ms SAMPLE RATE, 62.5 ALIAS
002	202	206	-	301		10																		62.5 ALIAS 8 30% 12:15
003	203	207	-	302		11																		30%
004	204	208	-	303		12																		30%
005	205	209	-	304		13																		30%
006	206	210	-	305		14																		30%
007	207	211	-	306		15																		30%
008	208	212	-	307		16																		30%
009	209	213	-	308		17																		30%
010	210	214	-	309		18																		30%
011	211	215	-	310		19	172																	30%
012	212	216	-	311		20	173																	EOT #172 Tape MKTs.
013	212	216	-	311		20																		60db
014	213	217	-	312		21																		Bot #173 * 900 10 sec All ones
015	214	218	-	313		22																		wind picking up, Blowing 5 to 8 mph, with gust to 13 mph.
016	215	219	-	314		23																		30%
017	216	220	-	315		24																		30%
018	217	221	-	316		25																		30%
019	218	222	-	317		26																		30%
020	219	223	-	318		27																		30%
021	220	224	-	319		28																		30%
022	221	225	-	320		29																		30%
023	222	226	-	321		30																		30%
024	223	227	-	322		31																		30%
025	224	228	-	323		32	173																	EOT #173 Tape MKTs.
026	225	229	-	324		33	174																	60db
																								Bot #174 * 900 10 sec All ones.

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6837		LINE NO. 2		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER clear		TRAIL CONDITIONS Black top			DATE MONTH 6 DAY 16 YEAR 84		CLIENT COCORP		OB R. Patton		PM L. Davis		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR				TAPE	MEMORY MISSES	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE							
933	pulse		1	-	6	sec	174	48											291	1320	OREGON. Lane CO. River Running close to line at #245 + 246.				
934/935	EINT		2	-	"	"	Back in IFP mode.																		
936/939	DRD		4	-	"	"													ARRIVE Field 8:15		5 Vib 1st Vib starts 21' past Flag, 82.5' spacing, 41.25' move ups, 8 sweeps, 32 sec sweep 48 sec Record				
953/954	Sum Test		2	-	"	"															Alais 31.25.				
960/961	NRT TEST		2	-	"	"																			
932	similarity		1	-	32	sec	236								5	1	30%			9:15					
031	wind strip		1	-	48	sec	14										60%								
032	229	233	-	328		14									5	8	30%			9:50					
033	230	234	-	329		15											30%								
034	231	235	-	330		16											30%								
035	232	236	-	331		17											30%								
036	233	237	-	332		18	174										30%				EOT # 174 Tape MKTs.				
037	234	238	-	333		19	175										60%				BOT # 175 #900 10 sec All ones.				
038	234	238	-	333		19											30%								
039	235	239	-	334		20											30%								
040	236	240	-	335		21											30%								
041	237	241	-	336		22											30%				STA # 336 open.				
042	238	242	-	337		23											30%								
043	239	243	-	338		24											30%								
044	240	244	-	339		25											30%								
045	241	245	-	340		26											30%								
046	242	246	-	341		27											30%								
047	243	247	-	342		28											30%								
048	244	248	-	343		29											30%								
049	245	249	-	344		30											30%								
050	246	250	-	345		31	175										30%				EOT # 175 Tape MKTs.				
051	247	251	-	346		32	176										60%				BOT # 176, 900 10 sec All ones.				
052	247	251	-	346		32											30%								
053	248	252	-	347		33											30%								
054	249	253	-	348		34											30%								
055	250	254	-	349		35											30%								
056	251	255	-	350		36											30%								

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GEO-252-D

CREW NO. 6834		LINE NO. 2		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER clear		TRAIL CONDITIONS Black Top			DATE MONTH 6 DAY 17 YEAR 84		CLIENT COCORP		OB R. Patton		PM L. Dullio	
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		177	48								5			336	1320		OREGON. LANE CO.		
934/935	EINT	2	-	"	"																	5 VIBS 1st VIB 21' PAST FLAG		
936/939	DRD	4	-	"	"																	41.25 MOVE UP, 82.5 SPACING		
937/934	Sum test	2	-	"	"																	ARRIVE FIELD 8:20		
960/961	NRJ Test	2	-	"	"																	32sec Sweep, 48sec Record.		
932	Similarity	1	-	32	sec	236									5	1	30%			9:30		LOT OF TRAFFIC ALONG LINE, TOURIST + CAMPERS.		
071	Wind strip	1	-	48	sec	5			4ms sample						5		60%					RATE, ALIAS 62.5		
072	265	269	-	364		5									5	8	30%			10:20		SURVEYERS WORKING ON FRONT OF LINE.		
073	266	270	-	365		6											30%							
074	267	271	-	366		7											30%							
075	268	272	-	367		8	177			1							30%					EOT # 177 Tape MKTs.		
076	269	273	-	368		9	178		wind strip								60%					BOT # 178 #900 10 sec All ones		
077	269	273	-	368		9											30%							
078	270	274	-	369		10											30%							
079	271	275	-	370		11											30%							
080	272	276	-	371		12				1							30%							
081	273	277	-	372		13											30%							
082	274	278	-	373		14				1							30%							
083	275	279	-	374		15											30%							
084	276	280	-	375		16											30%							
085	277	281	-	376		17											30%							
086	278	282	-	377		18											30%							
087	279	283	-	378		19											30%							
088	280	284	-	379		20											30%					EOT # 178 TAPE MKTs.		
089	281	285	-	380		21	178										30%					EOT # 178 Tape MKTs		
090	282	286	-	381		22	179		wind strip								60%					BOT # 179 #900 10 sec All ones		
091	282	286	-	381		22											30%							
092	283	287	-	382		23											30%							
093	284	288	-	383		24											30%							
094	285	289	-	384		25				1							30%							
095	286	290	-	385		26											30%							
096	287	291	-	386		27											30%							

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CREW NO. 6834		LINE NO. 2		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR TIME		DOWN TIME		WEATHER		TRAIL CONDITIONS		DATE MONTH 6 DAY 16 YEAR 74		CLIENT WOODRIP		OB R. Patton		PM R. Walker	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS OF IN	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	21150		1	6	300		180	48									367	1320			OREGON LANE CO BOT #180 - 900 10 sec AN GWS		
934	21151		2	"	"																5 Vib. 1st Vib 21" BY 4 FLAG		
936	21152	DRD	4	1	"																ARRIVE FIELD 8:30 32.5 spacing, 41.25 wave len		
1018	21153	SUMM TEST	2	0	"																32.5 spacing, 48 sec Record		
1019	21154	NRT TEST	2	"	"																along 31.25'		
932	21155	SUMM TEST	1	32	300																		
102	21156	SUMM TEST	1	48	300																		
103	21157																						
104	21158																						
105	21159																						
106	21160																						
107	21161																						
108	21162																						
109	21163																						
110	21164																						
111	21165																						
112	21166																						
113	21167																						
114	21168																						
115	21169																						
116	21170																						
117	21171																						
118	21172																						
119	21173																						
120	21174																						
121	21175																						
122	21176																						
123	21177																						
124	21178																						
125	21179																						
126	21180																				E.O.T. #181, TAPE MIXTS.		

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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	OB	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 MISSED	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE								
6834	2	7:00																							
933	Pulse		1	6	sec		183	48							5	8	30%	87		1320			OREGON LANE CO.		
934/935	EINT		2	"	"																			5 Vib's 1st Vib 21' Past Flag	
936/939	DRD		4	"	"																			82.5' spacing, 41.25' move up	
953/954	Sum TEST		2	"	"																			32 sec sweep, 48 sec Record.	
960/961	NRT TEST		2	"	"																			8 sweeps, MANTISSA mod.	
932	similarity		1	32	sec	236								5	1	30%			10:00					ARRIVE Field	
145	Windstrip		1	48	sec	1		4ms	sample RATE	alias	62.5													8:30	
146	12	16	-	111		1																		31.25' ALIAS.	
145	13	17	-	112		2																		31.25' ALIAS.	
148	14	18	-	113		3																		31.25' ALIAS.	
SKIP	15	19	-	114		4																		31.25' ALIAS.	
SKIP	16	20	-	115		5																		31.25' ALIAS.	
147	17	21	-	116		6																		31.25' ALIAS.	
SKIP	18	22	-	117		7																		31.25' ALIAS.	
148	21	25	-	120		20																		31.25' ALIAS.	
149	22	26	-	121		11	183																	31.25' ALIAS.	
150	23	27	-	122		12	184	windstrip																31.25' ALIAS.	
151	28	28	-	122		12																		31.25' ALIAS.	
152	24	28	-	123		13																		31.25' ALIAS.	
153	25	29	-	124		14																		31.25' ALIAS.	
SKIP	26	30	-	125		15																		31.25' ALIAS.	
154	27	31	-	126		16																		31.25' ALIAS.	
155	28	32	-	127		17																		31.25' ALIAS.	
156	29	33	-	128		18																		31.25' ALIAS.	
157	30	34	-	129		19																		31.25' ALIAS.	
158	31	35	-	130		20																		31.25' ALIAS.	
159	32	36	-	131		21																		31.25' ALIAS.	
160	33	37	-	132		22																		31.25' ALIAS.	
SKIP	34	38	-	133		23																		31.25' ALIAS.	
161	35	39	-	134		24																		31.25' ALIAS.	
162	36	40	-	135		25																		31.25' ALIAS.	
163	37	41	-	136		26	184																	31.25' ALIAS.	

NOTE: change out IEP #1 & #2.
E.O. #184, TAPES MKTS

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GEO-252-D

CREW NO. 6834		LINE NO. 2		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER		TRAIL CONDITIONS Black Top			DATE MONTH 6 DAY 23 YEAR 84		CLIENT COCORP		OB R. Patten		PM P. 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		185	48										114	1320		OREGON, LAWE CO. 4 VIBES, 1st VIB 21' PAST FLAG			
934/935	EiNT		2	-11	"																110' SPACING. 41.25' MOVE-UP,			
936/939	DRD		4	-11	"																ARRIVE IN FIELD 8:30 32 SEC. SWEEP, 48 SEC. RECORD			
953/954	Sum Test		2	-11	"																ALIAS 31.25			
960/961	NRJ Test		2	-11	"																STN. 116 OPEN DUE TO GAS STATION			
932	Si mikarix		1	-32	sec	236								4	1	30%			10:30		STN. 118 OPEN DUE TO BRIDGE			
168	Wind strip		1	-48	sec	3	4ms														SAMPLE RATE, ALIAS 62.5' Vib # 17311 Down, BACK ENGINE TO			
169	41	45	-	140		3								4	8	30%			11:00		-ables.			
170	42	46	-	141		4										30%					VERY NOISY DUE TO HEAVY TRAFFIC ON LINE			
171	43	47	-	142		5										30%								
172	44	48	-	143		6										30%								
173	45	49	-	144		7										30%								
174	46	50	-	145		8	185									30%					END OF TAPE # 185			
175	47	51	-	146		9	186	WINDSTRIP								60%					B. O. T. # 186 900, 10secs. ALL 1's			
176	47	51	-	146		9		1						5		30%					5 VIBES, # 17311 BACK ON LINE			
177	48	52	-	147		10										30%					82.5' SPACING			
178	49	53	-	148		11										30%								
179	50	54	-	149		12										30%								
180	51	55	-	150		13										30%								
181	52	56	-	151		14										30%								
182	53	57	-	152		15										30%								
183	54	58	-	153		16										30%								
184	55	59	-	154		17										30%								
185	56	60	-	155		18										30%								
186	57	61	-	156		19	186	EOT # 186	Tape MKTs.							20%			2:20		VIBES ON 20% DRIVE DUE TO BLACKTOP, BLACKTOP GETTING HOT, VIBES STARTING TO LEAVE SLIGHT INDENTATIONS. Shutting DOWN.			

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GEO-252-D

CREW NO. 6834		LINE NO. 2	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Black Top	DATE MONTH 6	DAY 24	YEAR 84	CLIENT COCORP	OB R. Patten	PM F. 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.				
933	Pulse		1	6	sec		187	48									130	1320'	OREGON, LAINE CO. BOT # 187 * 900 10sec All ones.
934/935	EINT		2	"	"														5 Vibs, 1st Vib 21' PAST FLAG,
936/939	DRD		4	"	"														82.5 spacing, 41.25 MOVE UP
953/954	Sum Test		2	"	"														ARRIVE Field 32sec Sweep, 48sec Record
960/961	NRS Test		2	"	"														8:30 Alias 31.25
932	similarity		1	32	sec	236													HEAVY TRAFFIC ALONG WHOLE LINE,
187	windstrip		1	48	sec	4	4ms												sample RATE, Alias 62.5 EXTREMELY NOISY
188	58	62	-	157		4													600h
189	59	63	-	158		5													5 8 30% 10:30 STA. 116 OPEN DUE TO GAS STATION
190	60	64	-	159		6													30% STA. 118 OPEN DUE TO BRIDGE
191	61	65	-	160		7													30%
192	62	66	-	161		8													30%
193	63	67	-	162		9													30%
194	64	68	-	163		10													30%
195	65	69	-	164		11													30% STACKED ON 1st HALF
SKIP	66	70	-	165		12													SKIP FROM STA # 66 TO 70 SKIP DUE TO HOUSES.
196	71	75	-	170		17													30%
SKIP	72	76	-	171		18													SKIP Due to trailer.
197	73	77	-	172		19													30%
198	74	78	-	173		20	187												30%
199	75	79	-	174		21	188	windstrip											30% E.O.T # 187, TAPE MKTS
200	75	79	-	174		21													4 30% B.O.T # 188, 900 10sec All ones.
201	76	80	-	175		22													30% 4 Vibs, # 23651 Down, BACK
202	77	81	-	176		23													30% engine troubles.
203	78	82	-	177		24													30% 4 Vibs, 110' spacing.
204	79	83	-	178		25													30%
205	80	84	-	179		26													30%
206	81	85	-	180		27													30%
207	82	86	-	181		28													30%
208	83	87	-	182		29													30%
209	84	88	-	183		30													30%
210	85	89	-	184		31													30% STACKED ON 1st HALF

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CREW NO. 6834		LINE NO. 2		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS BLACKTOP			DATE MONTH 6 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 PASSED SLIPS	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE						
SKIP	86	90	-	185		32	188	48								4		SKIP	130		1320	OREGON, LANE CO.		
211	89	93	-	188		35												30%				STACKED ON 2ND HALF		
212	90	94	-	189		36	188											30%				E.O. #188, TAPE MK+S		
213	91	95	-	190		37	189											60%				B.O. #189, 900 10sec ALL ONES.		
214	91	95	-	190		37												30%						
215	92	96	-	191		38												30%						
216	93	97	-	192		39												30%						
217	94	98	-	193		40												30%						
218	95	99	-	194		41												30%						
219	96	100	-	195		42												30%				STACKED ON 1st HALF		
SKIP	97	101	-	196		43												SKIP						
SKIP	98	102	-	197		44												SKIP						
SKIP	99	103	-	198		45												SKIP						
220	100	104	-	199		46												30%			3.45			

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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	OB	PM						
		6834	2	7:00				Clear	Black Top	6	25	84	LOCORP	R. Patten	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	189	48		Sweets						5	8	30%	170	1320	OREGON, Lane CO.
934/935	EINT		2	-	"	"				MAN	HISSA										5 Vibs 1st Vib 21' Past Flag
936/939	DRD		4	-	"	"															82.5 spacing, 41.25 MOVE UP
953/954	Sum test		2	-	"	"															32 sec Sweep, 48 sec Record
960/961	NRT Test		2	-	"	"															ARRIVE Field 8:30
932	Simplexity		1	-	32	sec	235									4		30%	10:00		31.25 Alias. 4 Vibs 110 Spacing.
221	Wind stop		1	-	48	sec	7			4ms sample RATE	62.5	Alias						60%			STA #116 OPEN Due to gas station
222	101	105	-	200						1						4	8	30%	10:35		STA #118 OPEN, Due to a Bridge.
223	102	106	-	201			8	189										30%			lots of traffic along line.
224	103	107	-	202			9	190		windstrip								60%			Vib # 23651 Down, BACK ENGINE troubles
225	103	107	-	202			9											30%			E.O. # 189, TAPE MKTS.
226	104	108	-	203			10											30%			B.O. # 190, 900 10sec ALL ONES
227	105	109	-	204			11											30%			
228	106	110	-	205			12											30%			
229	107	111	-	206			13											30%			
230	108	112	-	207			14											30%			
231	109	113	-	208			15											30%			
SKIP	110	114	-	209			16											30%			SKIP FROM 110 - 127, SKIP DUE TO TOWN
232	128	132	-	227			34											30%			STACKED ON LAST HALF
233	129	133	-	228			35											30%			
234	130	134	-	229			36											30%			
235	131	135	-	230			37											30%			
236	132	136	-	231			38											30%			
237	133	137	-	232			39	190										30%			E.O. # 190, TAPE MKTS.
SKIP	134	138	-	233			40	SKIP										30%			Due to HOWIE.
238	135	139	-	234			41	191		windstrip								60%			B.O. # 191, 900 10sec ALL ONES
239	135	139	-	234			41											30%			STACKED ON LAST HALF.
240	136	140	-	235			42											30%			
241	137	141	-	236			43											30%			
242	138	142	-	237			44											30%			
243	139	143	-	238			45											30%			
244	140	144	-	239			46											30%			

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 2	LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Black Top	DATE MONTH 6 DAY 26 YEAR 84	CLIENT CDCORP	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.				
933	pulse		1	-	6	sec	192	48										OREGON, Lane Co.	
934/935	EINT		2	-	"	"												4 Vib., 1st Vib START 21'	
936/939	DRD		4	-	"	"												PAST FLAG, 110' SPACING	
953/954	Sum Test		2	-	"	"												41.25 MOVE UP, 32 sec	
960/961	NRT Test		2	-	"	"												ARRIVE Field 8:30	
932	Similarity		1	-	32	sec	235	192										Sweep, 48 sec Record	
263	windstrip		1	-	48	sec	8	193										Vib # 23651 DOWN, BACK	
264	159	163	-	258	8													ENGINE troubles.	
265	160	164	-	259	9													STA. 210 MEN WORKING	
266	161	165	-	260	10													B.O.T # 193, 900 10 sec ALL ONES	
267	162	166	-	261	11														
268	163	167	-	262	12														
269	164	168	-	263	13														
270	165	169	-	264	14														
271	166	170	-	265	15														
272	167	171	-	266	16														
273	168	172	-	267	17														
274	169	173	-	268	18														
275	170	174	-	269	19	193												E.O.T. # 193, TAPE MARKS.	
276	171	175	-	270	20	194												B.O.T. # 194, 900 10 sec. ALL ONES	
277	171	175	-	270	20														
278	172	176	-	271	21														
279	173	177	-	272	22														
280	174	178	-	273	23														
281	175	179	-	274	24														
282	176	180	-	275	25														
283	177	181	-	276	26														
284	178	182	-	277	27														
285	179	183	-	278	28														
286	180	184	-	279	29														
287	181	185	-	280	30														
288	182	186	-	281	31														

NOTE: LIGHT RAIN BEGINNING TO FALL

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 2		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLOUDY		TRAIL CONDITIONS BLACKTOP		DATE MONTH 6 DAY 26 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					
289	183	187	-	282	32	194			MANTISSA						4	8	30%	227	1320				E.O.T. # 194, TAPE MARKS.
290	184	188	-	283	33	195			WINDSTRIP								30%						B.O.T. # 195, 900 JOSEC ALLOWES.
291	184	188	-	285	38												30%						
292	185	189	-	284	34												30%						
293	186	190	-	285	35												30%						
SKIP	187	191	-	286	36												30%						SKIP STA. 187-189, HIGHWAY TOO DANGEROUS DUE TO HEAVY RAIN.
SKIP	188	192	-	287	37												30%						
SKIP	189	193	-	288	38												30%						
294	190	194	-	289	39												30%						
295	191	195	-	290	40												30%						
296	192	196	-	291	41												30%						
297	193	197	-	292	42												30%						
298	194	198	-	293	43												30%						
299	195	199	-	294	44												30%						
300	196	200	-	295	45												30%						
301	197	201	-	296	46												30%						
302	198	202	-	297	47												30%						
303	199	203	-	298	48	195											30%		3.45				E.O.T. # 195, TAPE MARKS
																							WILL BE PICKING UP LINE & MOVING TO STA. 340 - 435 ON TOP OF MOUNTAIN

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE # 2		LEAVE TOWN/CAMP 7.00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear, wet Blacktop		TRAIL CONDITIONS		DATE MONTH 6 DAY 28 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
933	PULSE	1	-	6sec.			19748								4	8	30%	4/22					OREGON, LANE
934	EWT	2	-	" "																			4 Vib. , 1st. Vib. 21' Past Flag,
936	ORD	4	-	" "																			Spacing 110', 41.25' MOVE UP,
953	SUM TEST	2	-	" "																			ARRIVE Field 8:00
960	NRJ	2	-	" "																			Alias 31.25
932	SIMILARITY	1	-	32sec.	235									4	1	30%		9:15					NOTE: SNOW MELTING IN SOME PLACE ALONG LINE, SOME leakage.
321	WINDSTRIP	1	-	48sec.	11				4ms	sample	rate	62.5		4		60%							Alias 60dB
322	357	361	-	456	11									4	8	30%		10:00					VID # 23651 DOWN, BACK ENGINE Problems.
323	358	362	-	457	12	197										30%							E.O. #197, TAPE MKTS.
SKIP	359	363	-	458	13	SKIP										SKIP							Due to cross-country.
324	360	364	-	459	14	198				WINDSTRIP						60%							B.O. #198, 900 10sec ALL ONES.
325	360	364	-	459	14											30%							
SKIP	361	365	-	460	15											SKIP							Due to treacherous BANK
326	362	366	-	461	16											30%							
327	363	367	-	462	17											30%							
328	364	368	-	463	18											30%							
329	365	369	-	464	19											30%							
330	366	370	-	465	20											30%							
331	367	371	-	466	21											30%							
SKIP	368	372	-	467	22											SKIP							Due to cross-country.
SKIP	369	373	-	468	23											SKIP							" " " "
332	370	374	-	469	24											30%							
333	371	375	-	470	25	198										30%							E.O. #198, TAPE MKTS.
334	372	376	-	471	26	199				WINDSTRIP						60%		2:30					B.O. #199, 900 10sec ALL ONES, Shutting Down INST. Problems.

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 2	LEAVE TOWN/CAMP 7.00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR	TRAIL CONDITIONS BLACKTOP	DATE MONTH 7 DAY 2 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 PAMPS or "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR				TR	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS				
933	Pulse	1	-	6 sec.		199	48												OREGON, LAWE CO.	
934	EINT	2	-	6 sec.															B.O.T. # 199, 900 10 secs, all ones	
936	DRD	4	-	6 sec.															5 Vibs., 1st. Vib. 21' past flag	
953	Sum	2	-	6 sec.															110' Spacing, 41.25 Move-up.	
960	NRJ	2	-	6 sec.															Alias 31.25, 48 sec, record	
932	Similarity	1	-	32 sec.	235									5	30%	9.00			32s. sweep, 8 sweeps	
334	Windstrip	1	-	48 sec.	2			4ms. sample rate		62.5 alias filter					60dB				Traffic on line	
335	372	376	-	471	2									5	30%	10.45				
336	373	377	-	472	3										30%					
337	374	378	-	473	4										30%					
338	375	379	-	474	5										30%					
SKIP	376	380	-	475	6										SKIP				Due to cross-country.	
SKIP	377	381	-	476	7										SKIP				" " " " "	
339	378	382	-	477	8										30%					
340	379	383	-	478	9										30%					
341	380	384	-	479	10										30%					
342	381	385	-	480	11										30%					
343	382	386	-	481	12										30%					
344	383	387	-	482	13	199									30%				E.O.T # 199, TAPE MKTS	
345	384	388	-	483	14	200		Windstrip							60dB				B.O.T # 200, 900 10 sec ALL ONES.	
346	384	388	-	483	14										30%					
347	385	389	-	484	15										30%					
348	386	390	-	485	16										30%					
349	387	391	-	486	17										30%					
350	388	392	-	487	18										30%					
351	389	393	-	488	19										30%					
352	390	394	-	489	20										30%					
353	391	395	-	490	21										30%					
354	392	396	-	491	22										30%					
355	393	397	-	492	23										30%					
356	394	398	-	493	24										30%					
357	395	399	-	494	25										30%					

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 834		LINE NO. 2		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS BLACKTOP		DATE MONTH 7 DAY 2 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 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					
358	396	400	-	495	26	200									5	8	30%	446	1320'	E. O. T # 200 TAPE MKTS			
359	397	401	-	496	27	201												60dB		B. O. T. # 201, 900 10sec ALL ORES			
360	397	401	-	496	27													30%					
361	398	402	-	497	28													30%					
362	399	403	-	498	29													30%					
363	400	404	-	499	30													30%					
364	401	405	-	500	31													30%					
365	402	406	-	501	32													30%					
366	403	407	-	502	33													30%					
367	404	408	-	503	34													30%					
368	405	409	-	504	35													30%					
369	406	410	-	505	36													30%					
370	407	411	-	506	37													30%					
371	408	412	-	507	38													30%					
372	409	413	-	508	39	201												30%		E. O. T # 201, TAPE MKTS.			
373	410	414	-	509	40	202												60dB		B. O. T # 202, 900 10sec ALL ORES.			
374	410	415	-	509	40													30%					
375	411	415	-	510	41													30%					
376	412	416	-	511	42													30%					
377	413	417	-	512	43													30%		6:00			

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 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		202	48	I.F.P. MODE						5	8	30%	479	1320		OREGON LANE CO.
934	FINF	2	-	"	"																5 Vibs 1st Vib 21' PAST Flag
935	D.R.D	4	-	"	"																82.5 spacing 41.25 move ch
953	sum test	2	-	"	"																8 sweeps, 32 sec sweep
960	N.R.S	2	-	"	"																ARRIVE field 8:00
932	similar	1	-	32	sec	236									5		30%		8:30		48sec Record, Alias 31.25
378	windstrip	1	-	48	sec	11			4ms sample RATE, Alias	62.5							60%				Lots of traffic along line.
379	414	418	-	513		11									5		30%		9:15		STA # 505 + 506 OPEN, Due to
380	415	419	-	514		12											30%				Rocky terrain.
381	416	420	-	515		13											30%				
382	417	421	-	516		14											30%				
383	418	422	-	517		15	202										30%				E.O.T # 202 TAPE MKTS.
384	419	423	-	518		16	203	windstrip									60%				B.O.T # 203, 900 10sec ALIQUOTS
385	419	423	-	518		16											30%				
386	420	424	-	519		17											30%				
387	421	425	-	520		18											30%				
388	422	426	-	521		19											30%				
389	423	427	-	522		20											30%				
390	424	428	-	523		21											30%				
391	425	429	-	524		22											30%				
392	426	430	-	525		23											30%				
393	427	431	-	526		24											30%				
394	428	432	-	527		25											30%				
395	429	433	-	528		26											30%				
396	430	434	-	529		27											30%				
397	431	435	-	530		28	203										30%				E.O.T # 203, TAPE MKTS
398	432	436	-	531		29	204	windstrip									60%				B.O.T # 204, 900 10sec ALIQUOTS
399	432	436	-	531		29											30%				
400	433	437	-	532		30											30%				
401	434	438	-	533		31											30%				
402	435	439	-	534		32											30%				
403	436	440	-	535		33											30%				

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB.	PM							
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY TAPE	SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					
933	PULSE	1	-	6	sec.		206	48						5	8	30%	5:33	1320	OREGON, LAKE CO, LINN CO	
934 935	FINT	2	-	"	"														5 Vib, 1st Vid 21' Post FLAG	
936 939	DRD	4	-	"	"														82.5 spacing, 41.25 MOVE UP	
953 954	SUM TEST	2	-	"	"														Alias 31.25, 32 sec SWEEP	
960 961	NRTJ	2	-	"	"														ARRIVE Field 7:45	
932	SIMILARITY	1	-	32	sec.		236						5	1	30%		8:30		8 SWEEPS, 48 sec Record.	
429	WINDSTRIP	1	-	48	sec.	3													STA# 505 + 506 OPEN, Due to Rocky terrain	
430	460	464	-	559		3							5	8	30%		9:20		NOTE: Replaced CABLE I.F.P. #1	
431	461	465	-	560		4									30%				2	
432	462	466	-	561		5									30%				LOTS OF TRAFFIC ALONG LINE.	
433	463	467	-	562		6	206								30%				E.O. T# 206, T.M.	
434	464	468	-	563		7	207	WINDSTRIP							60%				B.O. T# 207, 900 10 sec ALL ONES-	
435	464	468	-	563		7									30%					
436	465	469	-	564		8									30%					
437	466	470	-	565		9									30%					
438	467	471	-	566		10									30%					
439	468	472	-	567		11									30%					
440	469	473	-	568		12									30%					
441	470	474	-	569		13									30%					
442	471	475	-	570		14									30%					
443	472	476	-	571		15									30%					
444	473	477	-	572		16									30%					
445	474	478	-	573		17									30%					
446	475	479	-	574		18									30%					
447	476	480	-	575		19	207								30%				E.O. T# 207, T.M.	
448	477	481	-	576		20	208	WINDSTRIP							60%				B.O. T# 208, 900 10 sec ALL ONES	
449	477	481	-	576		20									30%					
450	478	482	-	577		21									30%					
451	479	483	-	578		22									30%					
452	480	484	-	579		23									30%					
453	481	485	-	580		24									30%					
454	482	486	-	581		25									30%					

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE #2		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER clear		TRAIL CONDITIONS BLACKTOP		DATE MONTH 7 DAY 5 YEAR 84		CLIENT COOPER		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					
455	483	487	-	582	26	208	48								5	8	30%	533	1320				
456	484	488	-	583	27												30%						
457	485	489	-	584	28												30%						
458	486	490	-	585	29												30%						
459	487	491	-	586	30												30%						
460	488	492	-	587	31												30%						
461	489	493	-	588	32	208			1								30%						E.O.T #208, t.m.
462	490	494	-	589	33	209			windstrip								60%						B.O.T #209, 900 10sec ALL ONES
463	490	494	-	589	33												30%						
464	491	495	-	590	34												30%						
465	492	496	-	591	35												30%						
466	493	497	-	592	36												30%						
467	494	498	-	593	37				1								30%						
468	495	499	-	594	38												30%						
SKIP	496	500	-	595	39												SKIP						Due to steep BANK Beside Road
469	497	501	-	596	40												30%						
470	498	502	-	597	41												30%						
471	499	503	-	598	42				1								30%						
SKIP	500	504	-	599	43												SKIP						From STA #500 to 509, Due to Rocky steep BANKS, Recorder moved up at 555-556. WIND ARE BLOWING AT 12-15 M.P.H.
472	510	514	-	609	31												30%	555					E.O.T #209, t.m.
473	511	515	-	610	32												30%						B.O.T #210, 900 10sec ALL ONES
474	512	516	-	611	33				1								30%						
475	513	517	-	612	34	209											30%						
476	514	518	-	613	35	210			windstrip								60%						
477	514	518	-	613	35												30%						
478	515	519	-	614	36												30%						
479	516	520	-	615	37												30%						
480	517	521	-	616	38												30%						
481	518	522	-	617	39												30%						
482	519	523	-	618	40												30%						
483	520	524	-	619	41												30%						
484	521	525	-	620	42												30%						

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE# 2		LEAVE TOWN/CAMP 6:30		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear, Blacktop		TRAIL CONDITIONS		DATE MONTH 7 DAY 6 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 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		
512	547	551	-	646	29	212	48								5	8	30%	594						OREGON, LINN CO.	
513	548	552	-	647	30	213											30%							E.O.T# 212, T.M.	
514	548	552	-	647	30												30%							B.O.T# 213, 900 10 sec ALLOWES	
515	549	553	-	648	31												30%								
516	550	554	-	649	32												30%								
517	551	555	-	650	33												30%								
518	552	556	-	651	34												30%								
519	553	557	-	652	35												30%								
520	554	558	-	653	36												30%								
521	555	559	-	654	37												30%								
522	556	560	-	655	38												30%								
523	557	561	-	656	39												30%								
524	558	562	-	657	40												30%								
525	559	563	-	658	41												30%								
526	560	564	-	659	42	213											30%		4:00						E.O.T# 213, T.M.

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			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				
553	584	588	-	683	24	216	48									5	8	30%	36	1320	OREGON, LINN CO
554	585	589	-	684	25													30%			
555	586	590	-	685	26													30%			
556	587	591	-	686	27													30%			
557	588	592	-	687	28													30%			
558	589	593	-	688	29													30%			
559	590	594	-	689	30													30%			
560	591	595	-	690	31													30%			
561	592	596	-	691	32													30%			
562	593	597	-	692	33													30%			
563	594	598	-	693	34													30%			
564	595	599	-	694	35													30%			
565	596	600	-	695	36	216												30%			E.O.T#216, t.m.
566	597	601	-	696	37	217	WINDSTRIPE											60%			B.O.T#217, 900 10 sec ALLONGS
567	597	601	-	696	37													30%			
568	598	602	-	697	38													30%			
569	599	603	-	698	39													30%			
570	600	604	-	699	40													30%			
571	601	605	-	700	41													30%			
572	602	606	-	701	42													30%			
573	603	607	-	702	43													30%			
574	604	608	-	703	44													30%			
575	605	609	-	704	45													30%			
576	606	610	-	705	46													30%			
577	607	611	-	706	47													30%			
578	608	612	-	707	48													30%			
579	609	613	-	708	49	217												30%	5.00		E.O.T#217, t.m.

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6831		LINE NO. 2	LEAVE TOWN/CAMP 6:30	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Blacktop	DATE MONTH 7 DAY 10 YEAR 89	CLIENT ECCCORP	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	
932	Pulse	1	-	6	sec		218	48								5	8	30%	685	1320	OREGON, LINN CO		
933	EINT	2	-	"	"																B.O.T #218, 900/10sec ALLONES		
934	DRD	4	-	"	"																5 Vib, 1st Vib -21' Past FLAG,		
953	sum	2	-	"	"																41.25 move up, 82.5 spacing		
954	test	2	-	"	"																ARRIVE Field 9:45		
960	NRS	2	-	"	"																8 sweeps, 48 sec Record length		
932	Significant	1	-	32	sec	236										4	1	30%	9:40		Vib #23652 Down, Back Pump		
580	Windstrip	1	-	48	sec	1															4ms sample RATE, AIA: 62.5		
581	610	614	-	709		1										4	8	30%	10:00		-21' Past FLAG, 110' spacing,		
582	611	615	-	710		2															41.25 move up		
583	612	616	-	711		3																	
584	613	617	-	712		4																	
585	614	618	-	713		5																	
586	615	619	-	714		6																	
587	616	620	-	715		7																	
588	617	621	-	716		8																	
589	618	622	-	717		9																	
590	619	623	-	718		10	218															E.O.T #218, t.m.	
591	620	624	-	719		11	219	Windstrip															B.O.T #219, 900/10sec ALLONES.
592	620	624	-	719		11																	
593	621	625	-	720		12																	
594	622	626	-	721		13																	
595	623	627	-	722		14																	
596	624	628	-	723		15																	
597	625	629	-	724		16																	
598	626	630	-	725		17																	
599	627	631	-	726		18																	
600	628	632	-	727		19																	
601	629	633	-	728		20																	
602	630	634	-	729		21																	
603	631	635	-	730		22																	
604	632	636	-	731		23	219																E.O.T #219, t.m.
605	633	637	-	732		24	220	Windstrip															B.O.T #220, 900/10sec ALLONES

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		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				
6834	2	6:30																			OREGON, LINN CO.
933	Pulse	1	-	6	sec	2	222	48							5	8	30%	7:34	1320'		5 Vib, 1st Vib 21' Past FLAG
934	EINT	2	-	"	"																82.5 SPACING, 41.25 MOVE UP.
936	D.R.D	4	-	"	"																4 Vib, 1st Vib 21' Past FLAG
953	sum test	2	-	"	"																110' SPACING, 41.25 MAKE UP.
960	N.R.J	2	-	"	"																B.O. #222, 900 10sec ALL ONES.
932	Similarity	1	-	32	sec	236															4ms sample RATE, Alias 62.5
633	Windstrip	1	-	48	sec	1															Vibs at 50% Drive.
634	659	663	-	758		1									5	8	50%	10:00			
635	660	664	-	759		2											50%				
636	661	665	-	760		3											50%				NOTE: WATER STREAM around sta #760, OPEN.
637	662	666	-	761		4											50%				
638	663	667	-	762		5											50%				
639	664	668	-	763		6											50%				
640	665	669	-	764		7											50%				
641	666	670	-	765		8											50%				
642	667	671	-	766		9											50%				
643	668	672	-	767		10	222										50%				E.O. #222, T.M.
644	669	673	-	768		11	223	WINDSTRIP									100%				B.O. #223, 900 10sec ALL ONES.
645	669	673	-	768		11											50%				
646	670	674	-	769		12											50%				
647	671	675	-	770		13											50%				
648	672	676	-	771		14											50%				
649	673	677	-	772		15											50%				
650	674	678	-	773		16											50%				
651	675	679	-	774		17											50%				
652	676	680	-	775		18											50%				
653	677	681	-	776		19											50%				
654	678	682	-	777		20											50%				
655	679	683	-	778		21											50%				
656	680	684	-	779		22											50%				
657	681	685	-	780		23	223										50%				E.O. #223, T.M.
658	682	686	-	781		24	224	WINDSTRIP									100%				B.O. #224, 900 10sec ALL ONES.



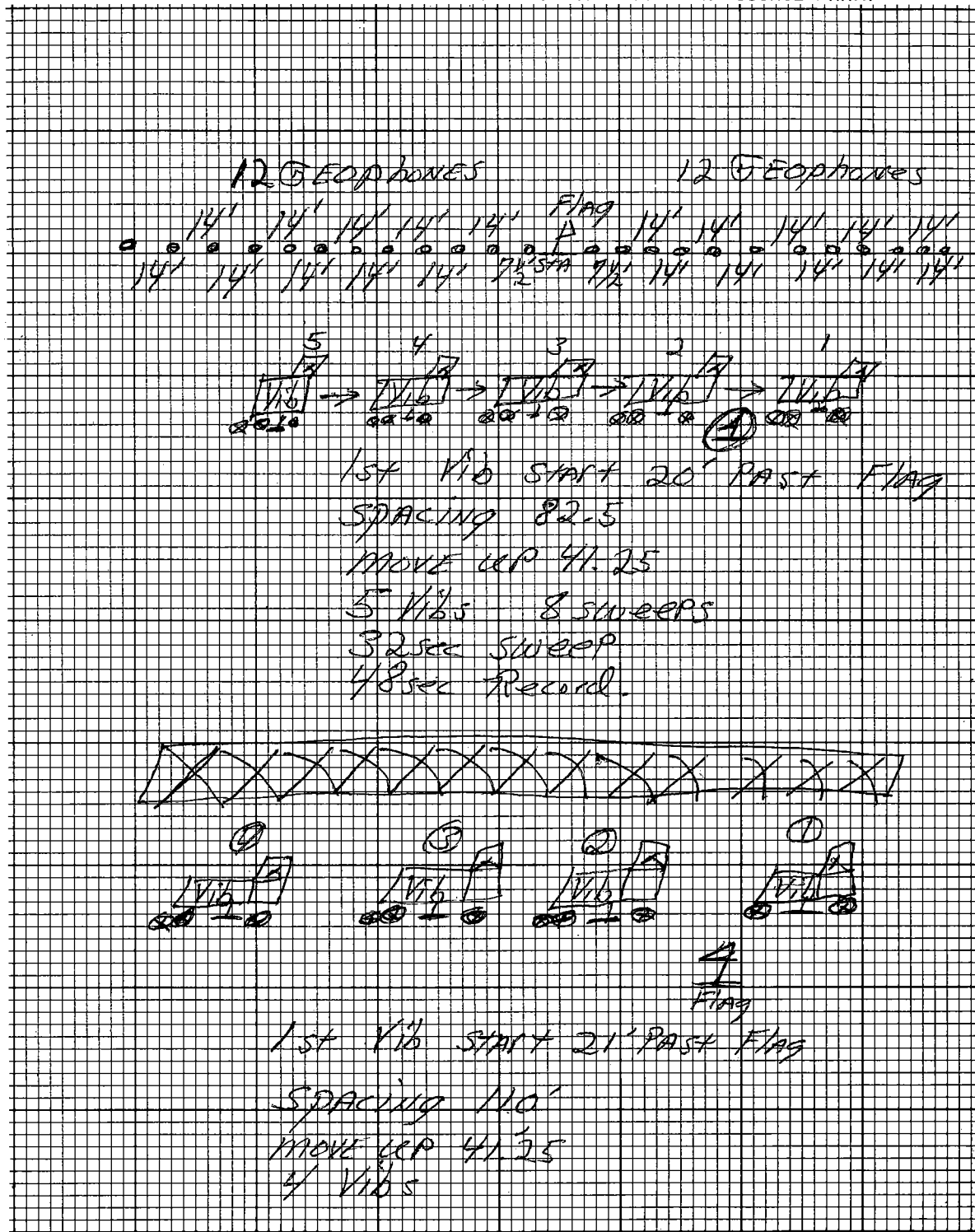
This cover sheet must be completed at the beginning of each line, or when parameters change.

GENERAL	
Crew No. <u>6834</u>	Contract No. <u>799</u>
Client <u>COCORP</u>	
Area <u>OREGON</u>	
Country <u>LANE CO.</u>	
County <u>OREGON</u>	
Concession <u>LANE CO.</u>	
State <u>OREGON</u>	
Party Mgr. <u>Z. DAVIS</u>	OB/JO <u>R. PATTON</u>
Line No. <u>#2</u>	Date Start of Line <u>6/15/84</u>
Sta. Int. <u>330</u> Feet	Fold <u>4800%</u>
Spread Dimensions <u>1-31350</u>	<u>9/132</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>MD 100's</u>	Array Length <u>322'</u>
Frequency <u>8 Hz</u>	Array Width <u>IN LINE</u>
No. per string per trace <u>2-12</u>	Array Across Between Sta Centered <input checked="" type="checkbox"/> <input type="checkbox"/>
Separation String Connected <input type="checkbox"/> <input checked="" type="checkbox"/>	Coil Res. <u>335 Ohms</u>
Connected at Sta <input type="checkbox"/> <input checked="" type="checkbox"/>	Shunt Res. <input type="checkbox"/> <input type="checkbox"/>
	Separation between elements in the array <u>14.34'</u>
	<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>48sec</u>	
BPI:	<u>800</u>	
Low-Cut Filter	Freq: <u>OUT</u> Slope: <u>OUT</u>	
High-Cut Filter	Freq: <u>Alias 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"/> Hz	
UH Ch. On Tape	Wireline <u>N/A</u> Radio <u>N/A</u>	
Sweep Ch. On Tape	<u>ALX 2 galvo 50</u> <u>ALX 4 galvo 50</u>	
ENERGY SOURCE		
Type:	<u>Y1100 Vibrator</u>	
Manufacturer:	<u>George E. Failing</u>	
Source Control:	<u>REV 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
	No. of drops, sweeps, etc. in array:	<u>8 sweep</u>
	Sweep Freq:	<u>8 > 32 Hz</u>
Surface Source	Sweep Length:	<u>32sec</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: