

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 784		LINE NO. 1		LEAVE TOWN/CAMP 6:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt roads		DATE MONTH 8 DAY 30 YEAR 85		CLIENT Cocorp		OB P. Ambrose P. Moore		PM Cassidy		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN		PARITY		SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS				
		TR 1	TR	TR	TR 96			PAMPS OF "K"	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS					NO. SUMS	DRIVE		
933	Pulse	1	6		see		023	48k									322 323	4		Montana, Lincoln Co.			4 vibs, 110' spacings 1st vib starts 21' past flag	
934-935	E Int	2	6		see																		41.25' move ups 32 sec sweep 107.32 hz sweep	
936-939	Drd	4	6		see										Arrived field		9:00						freq 8 sweeps 50% dived ms sample rate	
953-954	Sum	2	6		see																		Alias 31.25 hz 48 sec record.	
960-961	NRJ	2	6		see																		Note: Late start due to maintenance truck	
932	similarity	1	32		see										4	1	30%	10:15					brake down on the way to field.	
257	Wind strip	1	48		see																		4ms sample rate Alias 62.5 hz	
258	248	252			347	2											8	50%	10:25					
259	249	253			348	3												50%						
260	250	254			349	4	023											50%					E.O.T. #023 Tape marks	
261	251	255			350	5	024											60db					B.O.T. #024 #900 All ones 10 sec	
262	251	255			350	5												50%						
263	252	256			351	6												50%						
264	253	257			352	7												50%						
265	254	258			353	8												50%						
266	255	259			354	9												50%						
267	256	260			355	10												50%						
268	257	261			356	11												50%						
269	258	262			357	12												50%	12:00					Vib # 25865 down, down centering shaft
270	259	263			358	13												50%	12:35					scal. crew standing by for (55 min.)
271	260	264			359	14												50%	1:10					Vib # 25874 down, busted column bolt
272	261	265			360	15												50%	2:10					crew standing by (1 hr) Vib # 32940 fixed
273	262	266			361	16												50%						taking similarity.
274	263	267			362	17	024											50%						E.O.T. #024 Tape marks
275	264	268			363	18	025											60db						B.O.T. #025 #900 All ones 10 sec
276	264	268			363	18												50%						
277	265	269			364	19												50%						
278	266	270			365	20												50%						
279	267	271			366	21												50%						
280	268	272			367	22												50%						
281	269	273			368	23												50%						
282	270	274			369	24												50%						

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CREW NO. 6834		LINE NO. 1		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS dirt roads		DATE MONTH 8 DAY 30 YEAR 85		CLIENT Cocorp		OB D. 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						
283	271	275			370	25	025	48K								4	8	50%	322				4	Montana, Lincoln Co.
284	272	276			371	26												50%						
285	273	277			372	27												50%						
286	274	278			373	28												50%						
287	275	279			374	29												50%						
288	276	280			275	30	025											50%						E.O.T. # 025 Tape marks
289	277	281			376	31	026		wind strip									60db						B.O.T. # 026 #900 All ones 10 sec
290	277	281			376	31												50%						
291	278	282			377	32												50%						
292	279	283			378	33												50%						
293	280	284			379	34												50%						
294	281	285			380	35												50%						
295	282	286			381	36												50%						
296	283	287			382	37												50%				5:30		Note: sta. # 382 E.O.L. #1 E.O.T. # 026 Tape marks

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CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	JOB	PM	REMARKS																				
														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
														TR	TR	TR			TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE						
1834	1	6:00				Clear	Dirt roads	8	26	85	Co Corp	D. Moore	Cassidy																			Montana, Lincoln Co.		
933	Pulse	16		3cc		009	48K																									B.O.T. #009 #900 All ones 10 sec		
934-935	E Int	26		3cc																												5 vibs, 82.5' spacing 1st vib starts 21' post		
936-939	Drd	46		3cc																												Arrive field 8:10		
933-939	Sum	26		3cc																												Flag, 41.25' move up 32 sec sweep Alias 31.25hz		
960-961	NRT	26		3cc																												8ms sample rate, 48 sec REC, 8 sensors, 10-32Hz filter		
932	Similarity	1-32		3cc																												sims taken through line with camera		
061	Wind Strip	1-48		3cc																												4ms sample rate Alias 62.5hz		
062	63	67		162	0																													
063	64	68		163	1																													
064	65	69		164	2																													
065	66	70		165	3																													
066	67	71		166	4																													
067	68	72		167	5																													
068	69	73		168	6																													
069	70	74		169	7																													
070	71	75		170	8																													
071	72	76		171	9																													
072	73	77		172	10	009																												
073	74	78		173	11	010	wind strip																											
074	74	78		173	11		light wind blast																											
075	75	79		174	12																													
076	76	80		175	13																													
077	77	81		176	14																													
078	78	82		177	15																													
079	79	83		178	16																													
080	80	84		179	17																													
081	81	85		180	18																													
082	82	86		181	19																													
083	83	87		182	20																													
084	84	88		183	21																													
085	85	89		184	22																													
086	86	90		185	23	010																												

E.O.T. # 010 Tape marks

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CREW NO. 6834		LINE NO. 1	LEAVE TOWN/CAMP			ARRIVE TOWN/CAMP			TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Dict. Maps	DATE MONTH 8 DAY 27 YEAR 85	CLIENT Co Corp	OB P. 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	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS					DRIVE		
133	128	132			227 25	014	48K										5	8	50%	179		4	Montana, Lincoln Co.	
134	129	133			228 26														50%					
135	130	134			229 27														50%					
136	131	135			230 28														50%					
137	132	136			231 29														50%					
138	133	137			232 30														50%					
139	134	138			233 31														50%					
140	135	139			234 32	014					2								50%					E.O.T. # 014 Tape marks
141	136	140			235 33	015					wind strip								60db					B.O.T. # 015 # 900 All ones 10 sec
142	136	140			235 33														50%					
143	137	141			236 34														50%					
144	138	142			237 35														50%					
145	139	143			238 36														50%					
146	140	144			239 37														50%					
147	141	145			240 38														50%					
148	142	146			241 39														50%					
149	143	147			242 40														50%					
150	144	148			243 41														50%					
151	145	149			244 42														50%					
152	146	150			245 43														50%					
153	147	151			246 44														50%					
154	148	152			247 45	015													50%					E.O.T. # 015 Tape marks
155	149	153			248 46	016					wind strip								60db					B.O.T. # 016 # 900 All ones 10 sec
156	149	153			248 46														50%					* Wind blast
157	150	154			249 47														50%			4:30		

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CREW NO. 6834		LINE NO. 1		LEAVE TOWN/CAMP 6160		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt roads		DATE MONTH 8 DAY 28 YEAR 85		CLIENT C Corp		OP R Ambrose		PM Cassidy				
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS							
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.					N. UNITS	NO. SUMS	DRIVE				
933	Pulse	16			sec		014	48k																Montana, Lincoln Co.		
934-935	E-Flat	26			sec																			5 vib 82.5' spacing 1st vib starts 21' past		
936-939	Drd	46			sec																			log. 41.25' move ups 32 sec sweep		
953-954	Sum	26			sec																			Alias 31.25hz 8ms sample rate		
960-96	NRJ	26			sec																			32 sec sweep 48 sec record 10732		
932	similarity	1-32			sec																			sims taken through line with camera		
158	wind	strip 1-48			sec																			4ms sample rate Alias 62.5hz		
159	151	155			250	2																				
160	152	156			251	3																				
161	153	157			252	4																				
162	154	158			253	5																				
163	155	159			254	6																				
164	156	160			255	7																				
165	157	161			256	8																				
166	158	162			257	9	016																			
167	159	163			258	10	017																			
168	159	163			258	10																				
169	160	164			259	11																				
170	161	165			260	12																				
171	162	166			261	13																				
172	163	167			262	14																				
173	164	168			263	15																				
174	165	169			264	16																				
175	166	170			265	17																				
176	167	171			266	18																				
177	168	172			267	19																				
178	169	173			268	20																				
179	170	174			269	21																				
180	171	175			270	22	017																			
181	172	176			271	23	018																			
182	172	176			271	23																				
183	173	177			272	24																				

E.O.T. # 016 Tape marks
B.O.T. # 017 # 900 All ones 10 sec

E.O.T. # 017 Tape marks
B.O.T. # 018 # 900 All ones 10 sec

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GEO-252-D

CREW NO. 6834		LINE NO. 1		LEAVE TOWN/CAMP 6:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt roads		DATE MONTH 8 DAY 29 YEAR 85		CLIENT CO Corp		OB R. Ambrose D. 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					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			see	026	48K									273 274	4	Montana, Lincoln Co. B.O.T. # 020 # 900 All ones 10 sec					
934-935	E Int	2	6			see													5 vibs 82.5' spacing 1st vib starts 21' past					
936-939	Drd	4	6			see												8:00 am	Arrived field flag, 41.25' move ups 32 sec sweep, 48 sec record 10-732 sweep frog 8 sweeps 50% drive					
953-954	Sum	2	6			see													Alias 31.25 hz 8 ms sample rate					
960-961	NRJ	2	6			see																		
932	similarly	1-32				see			sims taken through line with camera					5	1	30%	8:35 am							
209	wind strip	-48				see			4ms sample rate Alias 62.5 hz							60db		Note: Logging trucks, heavy traffic						
210	198	202				297	1										8	50%	9:00 am	Cable crossing paved road at sta # 214-215				
211	199	203				298	2												Cable crossing river at sta # 216-217					
212	200	204				299	3																	
213	201	205				300	4																	
214	202	206				301	5																	
215	203	207				302	6																	
216	204	208				303	7																	
217	205	209				304	8																	
218	206	210				305	9																	
219	207	211				306	10																	
220	208	212				307	11	020											E.O.T. # 020 Tapc marks					
221	209	213				308	12	021	wind strip										B.O.T. # 021 # 900 All ones 10 sec					
222	209	213				308	12																	
223	210	214				309	13																	
224	211	215				310	14																	
225	212	216				311	15																	
Skip	213	217				312	16												Note: standing by for logging operation (5 hrs) skip from sta # 213-218 - black top road - river - cross country.					
226	219	223				318	22											4:00 pm						
227	220	224				319	23																	
228	221	225				320	24																	
229	222	226				321	25																	
230	223	227				322	26												Vib # 25874 down, lost 1st cyl. support					
231	224	228				323	27												pin. 4 vibs (110' spacing)					
232	225	229				324	28												Vib # 25874 fixed. Vib # 32940 down					
233	226	230				325	29												blown hyd. hose. (110' spacing) 4 vibs					

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GEO-252-D

CREW NO. 6834		LINE NO. 1		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt roads		DATE MONTH 8 DAY 29 YEAR 85		CLIENT Co Corp		OB R Ambrose		PM Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN FAMPS or "K"	PARITY		SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS				
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.					N. UNITS	NO. SUMS	DRIVE	
234	227	231			326	30	021	48K							4	8	50%	273	4	Montana, Lincoln Co.			
235	228	232			327	31	022										60db			E.O.T. # 021 Tape marks			
236	228	232			327	31											50%			B.O.T. # 022 #900 All ones 10 sec			
237	229	233			328	32											30%			on last half - bridge - low drive			
238	230	234			329	33											50%						
239	231	235			330	34											50%						
240	232	236			331	35											50%						
241	233	237			332	36											50%						
242	234	238			333	37											50%						
243	235	239			334	38											50%						
244	236	240			335	39											50%						
245	237	241			336	40											50%						
246	238	242			337	41											50%						
247	239	243			338	42											50%						
248	240	244			339	43	022										50%			E.O.T. # 022 Tape marks			
249	241	245			340	44	023										60db			B.O.T. # 023 #900 All ones 10 sec			
250	241	245			340	44											50%						
251	242	246			341	45											50%						
252	243	247			342	46											50%						
253	244	248			343	47											50%						
254	245	249			344	48											50%						
255	246	250			345	49											50%						
256	247	251			346	50											50%					8:05	

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CREW NO. 6834		LINE NO. 1	LEAVE TOWN/CAMP 6:00		ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Dirt roads	DATE MONTH 8 DAY 24 YEAR 85	CLIENT Co corp	OB O. 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				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS					DRIVE		
933	Pulse	16				see	005	48K												96/77			Montana, Lincoln Co.	
934-935	E Int	26				see																	5 vibs 82.5' spacing 1st vib starts 21' past flag 41.25' move up 32 sec sweep Alias 31.25 Hz	
936-939	Drd	46				see																	8ms sample rate	
953-954	Sum	26				see																		
960-961	NRJ	26				see																		
932	Similarity	1-32				see	005							5	1	30%							E.O.T. # 005	
021	Wind strip	1-48				see	006																4ms sample rate Alias 62.5 Hz	
022	21	25				120																		
023	22	26				121																		
024	23	27				122																		
025	24	28				123																		
026	25	29				124																		
027	26	30				125																		
028	27	31				126																		
029	28	32				127																		
030	29	33				128																		
031	30	34				129																		
032	31	35				130																		
Skip	32	36				131																	on 1st half E.O.T. # 006 Tape marks VP # 32 - # 36 skip due to cross country	
033	37	41				136																	B.O.T. # 007 # 900 All ones 10 sec	
034	37	41				136																		
035	38	42				137																		
036	39	43				138																		
037	40	44				139																		
038	41	45				140																		
039	42	46				141																		
040	43	47				142																		
041	44	48				143																		
042	45	49				144																		
043	46	50				145																		
044	47	51				146																		
045	48	52				147																	4 vibs 110' spacing	
														4										Vib # 25574 down, temperature problems

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CREW NO. 834		LINE NO. 1		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt roads			DATE MONTH 8 DAY 24 YEAR 85		CLIENT CO CORP		OB R. Ambrose		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	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE						
046	49	53			148	29	007	48k							4	8	50%	96					E.O.T. #007 Tape marks	
047	50	54			149	30	008		wind strip								6db						B.O.T. #008 #900 All once 10 sec	
048	50	54			149	30											50%							
049	51	55			150	31											50%							
050	52	56			151	32											50%							
051	53	57			152	33											50%							
052	54	58			153	34											50%							
053	55	59			154	35											50%							
054	56	60			155	36											50%							
055	57	61			156	37											50%							
056	58	62			157	38											50%							
057	59	63			158	39											50%							
058	60	64			159	40											50%							
059	61	65			160	41											50%							
060	62	66			161	42	008										50%				345		Shut down early due to vibs	
061	63	67			162	43	009		wind strip								6db						# 23652 leaky servo valve	
																							# 25865 blown centering shaft seal	

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GEO-252-D		CREW NO. 6834		LINE NO. 1	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Clear	TRAIL CONDITIONS Dirt roads	DATE MONTH 8 DAY 23 YEAR 85	CLIENT Cocorp	OB P. Ambrose	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				
933	Pulse	1	6		see		004	48K												Montana, Lincoln Co.	
934-935	E Ind	2	6		see															B.O.T. #004 #900 All ones 10 sec	
936-939	Drd	4	6		see															5vibs 82.5 spacing 1st vib starts 21' past	
953-954	Sum	2	6		see															Flag 41.25' move ups 32 sec sweep Alias 31.25 hz	
960-961	NRT	2	6		see															8ms-sample rate	
932	Similarity	1-32			see															Late start - crew laying out line.	
001	Wind strip	M48			see															4ms sample rate Alias 62.5 hz	
002	1	5			100	4														5 1 30%	
003	2	6			101	5														10:00	
004	3	7			102	6														8 50%	
005	4	8			103	7														1:45	
006	5	9			104	8														Sta. #11 dead - no place to plant geophones.	
007	6	10			105	9															
008	7	11			106	10															
009	8	12			107	11															
010	9	13			108	12	004													E.O.T. #004 Tape marks	
011	12	16			111	15	005	Wind strip												B.O.T. #005 #900 All ones 10 sec	
012	12	16			111	15															
013	13	17			112	16															
014	14	18			113	17															
015	15	19			114	18															
016	16	20			115	19															
017	17	21			116	20															
018	18	22			117	21															
019	19	23			118	22															
020	20	24			119	23														NOTE: light wind blast	



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

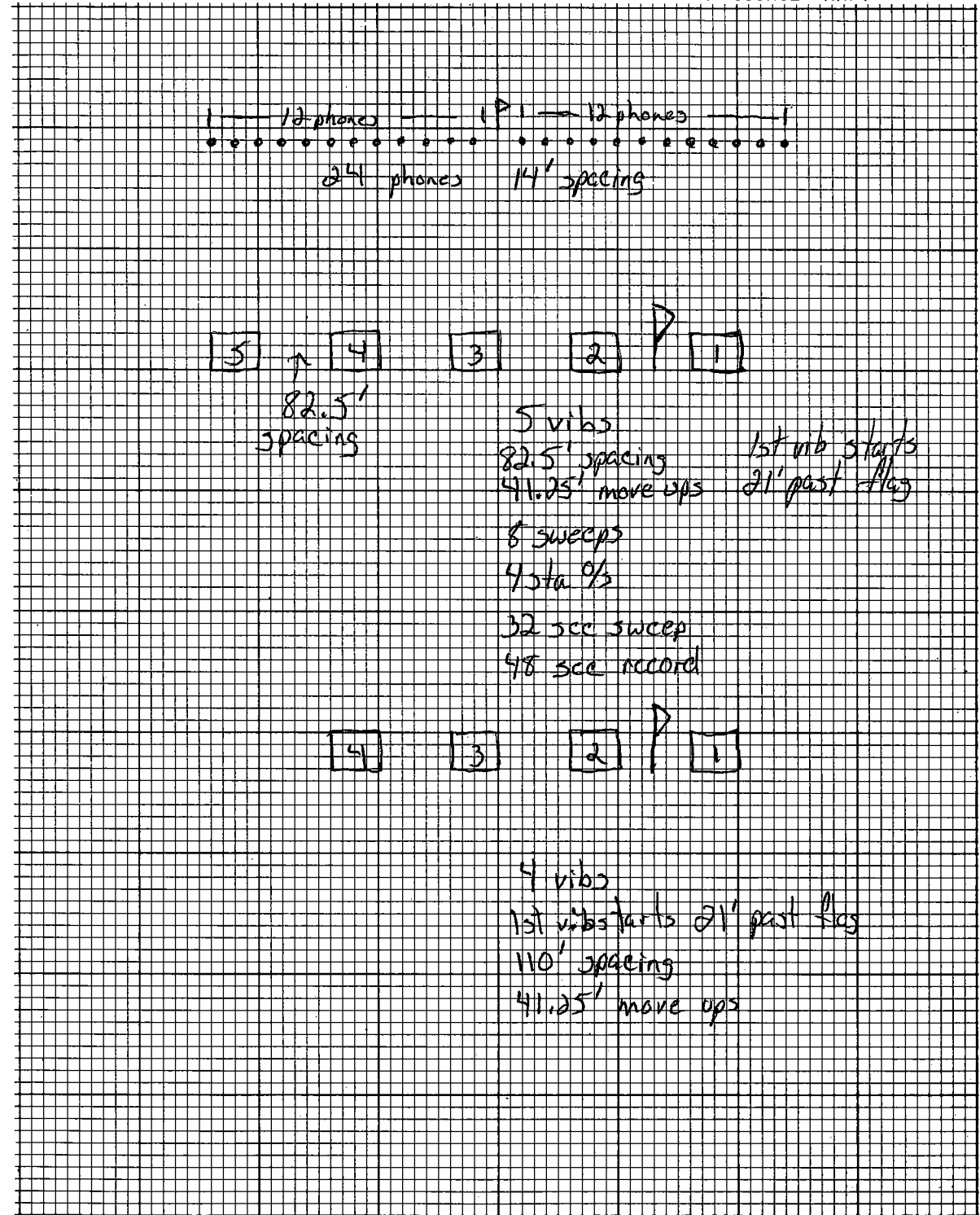
GENERAL			
Crew No.	6834	Contract No.	799
Client	Co Corp		
Area	Montana		
Country	Lincoln Co		
County	Montana		
Concession	B. Cassidy		
State	OB/JO ^{D. Moore} _{R. Ambrose}		
Party Mgr.	Date Start of Line 8-23-85		
Line No.	1		
Sta. Int.	330' ^{Feet} Meters	Fold	48
Spread Dimensions	1 - 31350'		
VP's Increase	N	E	S W
	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	W → E		

GEOPHONES			
Manufacture	MD. 100's	Array Length	322'
Frequency	8 hz	Array Width	inline
No. per string per trace	2-12 24 total	Array Centered	<input checked="" type="checkbox"/> <input type="checkbox"/>
Separation String Connected	Ser <input type="checkbox"/> Par <input checked="" type="checkbox"/>	Coil Res.	335 ohms
Connected at Sta	Ser <input type="checkbox"/> Par <input checked="" type="checkbox"/>	Shunt Res.	String <input type="checkbox"/> Phone <input type="checkbox"/>
		Separation between elements in the array	14.34 14'

RECORDING SYSTEM	
Type:	MDS-10
Format:	scg-B
No. of Channels:	96
Sample Rate:	8 ms
Record Length:	48 sec
BPI:	800
Low-Cut Filter	Freq: OUT Slope: OUT
High-Cut Filter	Freq: Alias 31.25hz Slope: OUT
Static Filter	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
Notch Filter	In <input checked="" type="checkbox"/> Out <input type="checkbox"/> 60 Hz
UH Ch. On Tape	Wireline N/A Radio N/A
Sweep Ch. On Tape	Aux 2 Galvo 50 Aux 4 Galvo 52

ENERGY SOURCE		
Type:	Y-1100 5 vibs	
Manufacturer:	George Failing	
Source Control:	REV 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:	82.5' ^{Feet} Meters
Unit Moveup:	41.25' ^{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: