

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 4		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR MODERATE		TRAIL CONDITIONS GRAVEL ROAD		DATE MONTH 6 DAY 26 YEAR 86		CLIENT COCORP		OB FOREMAN/MOORE		PM BINNS		
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 84	TR 85	TR 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS							DRIVE
900	ALL ONES						615	48							5	8			389/390					5 VIBS 82.5' SPACING 41.25' MOVE UP
933	PULSE																			8:00				IN LINE FIRST VIB 21' PAST FLAG
934/935	EINT																							8 SWEEPS 26 SEC SWEEP LENGTH 12-48HZ SWEEP RC
936/939	DRD																							42 SEC REC LENGTH 4MS SAMPLE RATE
963/964	SUM																							62.5HZ ALIAS FREQ 9HZ LOW CUT 18db/OCT
960/961	NRT																							5 STA GAP BETWEEN 84 & 85
932	SIMILARITY																							SIMS TAKEN WITH CAMERA AT VIBS
310	WIND TEST STRIP																							5 1 30%
311	401	315	398	404	415	238																		60db
312	402	316	399	405	416	239																		8 50%
313	403	317	400	406	417	240																		50%
314	404	318	401	407	418	1																		50%
315	405	319	402	408	419	2																		50%
316	406	320	403	409	420	3																		50%
317	407	321	404	410	421	4																		50%
318	408	322	405	411	422	5	615																	EOT # 615 TAPE MARKS
319	409	323	406	412	423	6	616																	60T # 616
320	410	324	407	413	424	7																		50%
321	411	325	408	414	425	8																		50%
322	412	326	409	415	426	9																		50%
323	413	327	410	416	427	10																		50%
324	414	328	411	417	428	11																		50%
325	415	329	412	418	429	12																		50%
326	416	330	413	419	430	13																		50%
327	417	331	414	420	431	14																		50%
328	418	332	415	421	432	15																		50%
329	419	333	416	422	433	16																		50%
330	420	334	417	423	434	17																		50%
331	421	335	418	424	435	18																		50%
332	422	336	419	425	436	19																		50%
333	423	337	420	426	437	20																		50%
334	424	338	421	427	438	21																		50%

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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 FOREMAN/MGR	PM									
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS OF "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR 1	TR 84	TR 85	TR 96			TAPE	MEMORY MISSED SURVEYS	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
335	425	339	422	428	439	22	616	48							5	8	50%	388/390			EOT # 616 TAPE MARKS	
336	426	340	423	429	440	23	617										50%				BOT # 617	
337	427	341	424	430	441	24											50%					
338	428	342	425	431	442	25											50%				FILE # 338 BAD PARITY BAD TAPE	
339	428	342	425	431	442	25											50%					
340	429	343	426	432	443	26											50%					
341	430	344	427	433	444	27											50%					
342	431	345	428	434	445	28											50%					
343	432	346	429	435	446	29											50%					
344	433	347	430	436	447	30											50%					
345	434	348	431	437	448	31											50%					
346	435	349	432	438	449	32											50%					
347	436	350	433	439	450	33											50%					
348	437	351	434	440	451	34											50%					
349	438	352	435	441	452	35											50%					
350	439	353	436	442	453	36											50%					
351	440	354	437	443	454	37											50%					
352	441	355	438	444	455	38	617										50%				EOT # 617 TAPE MARKS	
353	442	356	439	445	456	39	618										50%					BOT # 618
354	443	357	440	446	457	40											50%					FILE # 354 BAD PARITY
355	443	357	440	446	457	40											50%					
356	444	358	441	447	458	41											50%					
357	445	359	442	448	459	42											50%					
358	446	360	443	449	460	43											50%					
359	447	361	444	450	461	44											50%					
360	448	362	445	451	462	29											50%	405/406				NEW RECORDER LOCATION
361	449	363	446	452	463	30											50%					
362	450	364	447	453	464	31											50%					
363	451	365	448	454	465	32											50%					
364	452	366	449	455	466	33											50%					
365	453	367	450	456	467	34											50%					
366	WIND TEST STRIP																60db					

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 4	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR WARM	TRAIL CONDITIONS GRAVEL ROAD	DATE MONTH 6 DAY 26 YEAR 86	CLIENT COCORP	OB Foreman/Moore	PM Binns											
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 84	TR 85	TR 96					TAPE	MEMORY MISSED SWEEPS	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					
367	454	368	451	457	468	35	618	48								5	8	50%	105/406				
368	455	369	452	458	469	36												50%					
369	456	370	453	459	470	37	618											50%					EOT # 618 TAPE MARKS
370	457	371	454	460	471	38	619											50%					BOT # 619
371	458	372	455	461	472	39												50%					
372	459	373	456	462	473	40												50%					
373	460	374	457	463	474	41												50%					
374	461	375	458	464	475	42												50%					
375	462	376	459	465	476	43												50%					
376	463	377	460	466	477	44												50%		4:30			STA 477 IS E.O.L. LINE # 4

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CREW NO. 6834		LINE NO. 4	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR MODERATE GRAVEL ROAD	TRAIL CONDITIONS	DATE MONTH 6 DAY 25 YEAR 86	CLIENT COCORP	OB FOREMAN/MOORE	PM BINNS										
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 84	TR 85	TR 96					TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE				
286	378	292	375	381	392	35	613	48							5	8	50%	329/330			EOT # 613 TAPE MARKS	
287	379	293	376	382	393	36	614										50%				BOT # 614	
288	380	294	377	383	394	37											50%					
289	381	295	378	384	395	38											50%					
290	382	296	379	385	396	39											50%					
291	383	297	380	386	397	40											50%					
292	384	298	381	387	398	41											50%					
293	385	299	382	388	399	42											50%					
294	386	300	383	389	400	43											50%					
295	387	301	384	390	401	44											50%					
296	388	302	385	391	402	17											50%	351/352			NEW RECORDER LOCATION	
297	389	303	386	392	403	18											50%				SPNIC BOOM !!!	
298	390	304	387	393	404	19											50%					
299	391	305	388	394	405	20											50%					
300	392	306	389	395	406	21											50%					
301	393	307	390	396	407	22											50%					
302	394	308	391	397	408	23											50%					
303	395	309	392	398	409	24	614										50%				EOT # 614 TAPE MARKS	
304	396	310	393	399	410	25	615										50%				BOT # 615	
305	397	311	394	400	411	26											50%					
306	WIND TEST STRIP					26											60%					
307	398	312	395	401	412	27											50%					
308	399	313	396	402	413	28											50%					
309	400	314	397	403	414	29											50%		3:20			

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GEO-252-D

CREW NO. 6834		LINE NO. 4	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR MODERATE	TRAIL CONDITIONS PAVED ROAD	DATE MONTH 6 DAY 23 YEAR 86	CLIENT COCORP	OB FOREMAN/MOORE	PM BINNIS											
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 84	TR 85	TR 96				TAPE	MEMORY MISSED SWEEPS	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					
900	ALL ONES			1-6SEC		605	48									5	8		216/217			MONTANA TOOLE	5 VIBS 82.5' SPACING 41.25' MOVE UP
933	PULSE			1-6SEC																	7:45		IN LINE FIRST VIB 21' PAST FLAG
934/935	EINT			2-6SEC																			8 SWEEPS 26 SEC SWEEP LENGTH 12-48 HZ SWEEP FEED
936/939	DRD			4-6SEC																			42 SEC REC LENGTH 9MS SAMPLE RATE
953/954	SUM			2-6SEC																			62.5 HZ ALIAS FEED 9 HZ LOW CUT 18db/OCT
960/961	NRT			2-6SEC																			5 STA GAP BETWEEN 84 & 85
932	SIMILARITY			1-26 SEC												1			30%	7:35			
140	WIND TEST STRIP				3											0			60db				
141	233	147	230	236	247	3										8			30%	7:45			
142	234	148	231	237	248	4													30%				
143	235	149	232	238	249	5													30%				
144	236	150	233	239	250	6													30%				
145	237	151	234	240	251	7													30%				
146	238	152	235	241	252	8													30%				
147	239	153	236	242	253	9													30%				
148	240	154	237	243	254	10													30%				
149	241	155	238	244	255	11													30%				
150	242	156	239	245	256	12													30%				
151	243	157	240	246	257	13													30%				
152	244	158	241	247	258	14													30%				
153	245	159	242	248	259	15													30%				
154	246	160	243	249	260	16	605												30%				EOT # 605 TAPE MARKS
155	247	161	244	250	261	17	606												30%				BOT # 606
156	248	162	245	251	262	18													30%				
157	249	163	246	252	263	19													30%				
158	250	164	247	253	264	20													30%				
159	251	165	248	254	265	21													30%				
160	252	166	249	255	266	22													30%				
161	253	167	250	256	267	23													30%				
162	254	168	251	257	268	24													30%				
163	255	169	252	258	269	25													30%				
164	256	170	253	259	270	26													30%				

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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 TAPE	MEMORY MISSED SWEEPS	SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR 1	TR 84	TR 85	TR 96					SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
165	257	171	254	260	271	27	606	48							5	8	30%	216/217				
166	258	172	255	261	272	28											30%					
167	259	173	256	262	273	29											30%					
168	260	174	257	263	274	30											30%					
169	261	175	258	264	275	31											30%					
170	262	176	259	265	276	32											30%					
171	263	177	260	266	277	33	606										30%					EOT # 606 TAPE MARKS
172	264	178	261	267	278	34	607										30%					BOT # 607
SKIP	265																SKIP					STA # 265 & 266 SKIPPED HOUSE & BARN
SKIP	266																SKIP					
173	267	181	264	270	281	37											30%					2ND HALF
174	268	182	265	271	282	38											30%					
175	269	183	266	272	283	39											30%					
176	270	184	267	273	284	40											30%					
177	271	185	268	274	285	41											30%					
178	272	186	269	275	286	42											30%					
179	273	187	270	276	287	43											30%					
180	274	188	271	277	288	44											30%					
181	275	189	272	278	289	4											30%	257/258				NEW RECORDER LOCATION
182	276	190	273	279	290	5											30%					
183	277	191	274	280	291	6											30%					
184	278	192	275	281	292	7											30%					
185	279	193	276	282	293	8											30%					
186	280	194	277	283	294	9											30%					
187	281	195	278	284	295	10											30%					
188	282	196	279	285	296	11	607										30%					EOT # 607 TAPE MARKS
189	283	197	280	286	297	12	608										30%					BOT # 608
190	284	198	281	287	298	13											30%					
191	285	199	282	288	299	14											30%					
192	286	200	283	289	300	15											30%					
193	287	201	284	290	301	16											30%					
194	288	202	285	291	302	17											30%					

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GEO-252-D

CREW NO. 6834		LINE NO. 4	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR MODERATE	TRAIL CONDITIONS PAVED ROAD	DATE MONTH 6 DAY 23 YEAR 86	CLIENT COALP	OB FOREMAN/MOORE	PM BINNS											
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 84	TR 85	TR 96				TAPE	MEMORY MISSED SWEEPS	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS					DRIVE	
195	289	203	286	292	303	18	608	48							5	8	30%	257/158					
196	290	204	287	293	304	19											30%						
197	291	205	288	294	305	20											30%						
198	292	206	289	295	306	21											30%						
199	293	207	290	296	307	22											30%						
200	294	208	291	297	308	23											30%						
201	295	209	292	298	309	24											30%						
202	296	210	293	299	310	25											30%						
203	297	211	294	300	311	26											30%						
204	WIND TEST STRIP					27											60db						
205	298	212	295	301	312	27	608										30%					EOT # 608 TAPE MARKS	
206	299	213	296	302	313	28	609										30%					BOT # 609	
207	300	214	297	303	314	29											30%						
208	301	215	298	304	315	30											30%						
SKIP	302																SKIP	4:45				302 SKIPPED FOR HOUSE	

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 4	LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR COOL GRAVEL ROAD	TRAIL CONDITIONS	DATE MONTH 6 DAY 20 YEAR 86	CLIENT COCORP	OB FOREMAN/MOORE	PM BINNS							
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 84	TR 85	TR 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS				
900	ALL ONES			1-6SEC		601	48								5	8		160/161			5VIBS 82.5' SPACING 41.25' MOVE UP
933	PULSE			1-6SEC															7:50		IN LINE FIRST VIB 21' PAST FLAG
934/935	EINT			2-6SEC																	85WEEPS 26SEC SWEEP LENGTH 12-98HZ SWEEP FREQ
936/939	DRD			4-6SEC																	42 SEC REC LENGTH 4MS SAMPLE RATE
953/954	SUM			2-6SEC																	625HZ AVALS PER 9HZ LOW CUT 18db/OCT
960/961	NRJ			2-6SEC																	5 STA GAP BETWEEN 84 & 85
932	SIMILARITY			1-26SEC											1	30%			8:30		
086	WIND TEST STRIP				1																60db
087	175	89	172	178	189	1									8	50%			8:40		
088	176	90	173	179	190	2	601														EOT # 601 TAPE MARKS
089	177	91	174	180	191	3	602														Bot # 602
090	178	92	175	181	192	4															
091	179	93	176	182	193	5															
092	180	94	177	183	194	6															
093	181	95	178	184	195	7															
094	182	96	179	185	196	8															
095	183	97	180	186	197	9															
096	184	98	181	187	198	10															
097	185	99	182	188	199	11															
098	186	100	183	189	200	12															
099	187	101	184	190	201	13															
100	188	102	185	191	202	14															
101	189	103	186	192	203	15															
102	190	104	187	193	204	16															
103	191	105	188	194	205	17															
104	192	106	189	195	206	18															
105	193	107	190	196	207	19	602														EOT # 602 TAPE MARKS
106	194	108	191	197	208	20	603														Bot # 603
107	195	109	192	198	209	21															
108	196	110	193	199	210	22															
SKIP	197																				STA # 197, 198 & 199 SKIPPED DUE TO
SKIP	198																				OFFSET IN LINE & CROSS COUNTRY CABLE RUN

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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		CLIENT	OB	PM	REMARKS												
								MONTH	DAY YEAR																
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					
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS				DRIVE				
138	231	145	228	234	245	36	604	48									5	8	302	181/182					MONTANA TOOLE
139	232	146	229	235	246	37													302		4:00				

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GEO-252-D

CREW NO. 6834		LINE NO. 4	LEAVE TOWN/CAMP 7:00			ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR COOL GRAVEL ROAD		TRAIL CONDITIONS		DATE MONTH 6 DAY 19 YEAR 86		CLIENT COCORP	OB FOREMAN/MOORE	PM BINNS				
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 84	TR 85	TR 96				TAPE	MEMORY ASSESSED SWEEPS	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					NO. UNITS	NO. SUMS
067	154	68	151	157	168	24	600	48								5	8	50%	116/117					
068	155	69	152	158	169	25												50%						
069	156	70	153	159	170	26												50%						
070	157	71	154	160	171	27												30%					1ST HALF	
SKIP	158																	SKIP					158 & 159 SKIPPED DUE TO HOUSES & BARN	
SKIP	159																	SKIP						
071	160	74	157	163	174	30												30%						
072	161	75	158	164	175	31												50%						
073	162	76	159	165	176	32	600											50%					EOT # 600 TAPE MARKS	
074	163	77	160	166	177	33	601											50%					BOT # 601	
075	164	78	161	167	178	34												50%						
076	165	79	162	168	179	35												50%						
077	166	80	163	169	180	36												50%						
078	167	81	164	170	181	37												50%						
079	168	82	165	171	182	38												50%						
080	169	83	166	172	183	39												50%						
081	170	84	167	173	184	40												50%						
082	WIND	TEST STRIP				41												60db						
083	171	85	168	174	185	41												50%						
084	172	86	169	175	186	42												30%					1ST HALF	
SKIP	173																	SKIP					# 173 SKIPPED DUE TO HOUSE	
085	174	88	171	177	188	44												30%			4:45		2ND HALF	

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 FOREMAN/MOORE	PM BINNS							
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)	C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY TAPE	MEMORY MASSED SWEEPS	SHOOTING SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE	INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
6834	4	7:00																	MONTANA PONDERA	TOOLE
900	ALL ONES	1-6SEC		596	48								5	8		071/072			5 VIBS 82.5' SPACING	41.25' MOVE UP
933	PULSE	1-6SEC						ARRIVE FIELD									7:30		IN LINE	FIRST VIB 21' PAST FLAG
934/935	EINT	2-6SEC																	8 SWEEPS	26 SEC SWEEP LENGTH 12-40HZ SWEEP FREQ
934/939	DRD	4-6SEC																	42 SEC REC LENGTH	4MS SAMPLE RATE
953/954	SUM	2-6SEC																	62.5HZ ALIAS FREQ	9HZ LOW CUT 18db/OCT
960/961	NRJ	2-6SEC																	5 STA GAP	BETWEEN 84 & 85
932	SIMILARITY	1-26 SEC												1	30%		8:30			
001	WIND TEST STRIP		2																	STANDING BY FOR LAYOUT ON LINE 4
002	87	1 84 90 101	2											8	50%		11:20			
003	88	2 85 91 102	3												30%					1ST HALF
SKIP	89														SKIP					STA 89 & 90 SKIPPED DUE TO HOUSES & WELL
SKIP	90														SKIP					
004	91	5 88 94 105	6												30%					2ND HALF
005	92	6 89 95 106	7												30%					
006	93	7 90 96 107	8												50%					
007	94	8 91 97 108	9												50%					
008	95	9 92 98 109	10												50%					
009	96	10 93 99 110	11												50%					
010	97	11 94 100 111	12												50%					
011	98	12 95 101 112	13												30%					1ST HALF
SKIP	99														SKIP					STA # 99 & 100 SKIPPED DUE TO HOUSE & BARN
SKIP	100														SKIP					
012	101	15 98 104 115	16												30%					2ND HALF
013	102	16 99 105 116	17												50%					
014	103	17 100 106 117	18												50%					
015	104	18 101 107 118	19	596											50%					EOT # 596 TAPE MARKS
016	105	19 102 108 119	20	597											50%					BOT # 597
017	106	20 103 109 120	21												50%					
018	107	21 104 110 121	22												50%					
019	108	22 105 111 122	23												50%					
020	109	23 106 112 123	24												50%					
021	110	24 107 113 124	25												50%					

Petty-Ray Geophysical



GEO-211-C

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

GENERAL	
Crew No. <u>0834</u>	Contract No. <u>799</u>
Client <u>COCORP</u>	
Area <u>MONTANA</u>	
Country <u>MONTANA</u>	
County <u>POWDER, TOOLE + LIBERTY</u>	
State <u>MONTANA</u>	
Party Mgr. <u>Binus</u>	<u>FOREMAN</u> <u>OBJO MOORE</u>
Line No. <u>4</u>	Date Start <u>6.17.86</u> of Line
Sta. Int. <u>330'</u>	Feet <u>48%</u> Meters
Spread Dimensions <u>1-84</u>	<u>53ft</u> <u>85-96</u> gap
VP's Increase	N <input type="checkbox"/> E <input checked="" type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>
W → E	

GEOPHONES	
Manufacture <u>MD-100</u>	Array Length <u>322'</u>
Frequency <u>862</u>	Array Width <u>10 LINE</u>
No. per string <u>20/2</u>	Array Across Between Sta <input type="checkbox"/>
per trace <u>24 TOTAL</u>	Centered <input checked="" type="checkbox"/>
Separation String Connected <input type="checkbox"/>	Coil Res. <u>335 ohms</u>
	String Phone Shunt Res. <input type="checkbox"/>
Connected at Sta <input type="checkbox"/>	Separation between elements in the array <u>14'</u>

RECORDING SYSTEM	
Type:	<u>MD5-10</u>
Format:	<u>SEQ-B</u>
No. of Channels:	<u>96</u>
Sample Rate:	<u>4ms</u>
Record Length:	<u>42 SEC</u>
BPI:	<u>1600</u>
Low-Cut Filter	Freq: <u>9 Hz</u> Slope: <u>18db</u>
High-Cut Filter	Freq: <u>62.5 Hz</u> Slope:
Static Filter	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
Notch Filter	In <input checked="" type="checkbox"/> Out <input type="checkbox"/> <u>60 Hz</u>
UH Ch. On Tape	Wireline <u>N/A</u> Radio <u>N/A</u>
Sweep Ch. On Tape	<u>Box # 2 Galvo 50</u> <u>Box # 4 Galvo 52</u>

ENERGY SOURCE	
Type:	<u>1-1100' 5Vib</u>
Manufacturer:	<u>Faling</u>
Source Control:	<u>RCV-310</u>

Dynamite	Holes/Shotpoint:	<u>N/A</u>
	Charge/Shotpoint:	<u>N/A</u>
	Pattern Length:	<u>N/A</u> Feet Meters

Surface Source	Array Length:	<u>489'</u> Feet Meters
	No. of drops, sweeps, etc. in array:	<u>8</u>
	Sweep Freq:	<u>12 → 48 Hz</u>
	Sweep Length:	<u>26 SEC</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"/>	

REMARKS: Air Gun Delay, etc.

VARI SOURCE USED Yes No Invalid Channels:

LINE COVER SHEET: DRAW DIAGRAM OF GEOPHONE ARRAY AND SOURCE ARRAY

