

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 10834		LINE NO. 20		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy		TRAIL CONDITIONS Dirt Road		DATE MONTH 3 DAY 28 YEAR 85		CLIENT COCORP		OB R. Patten		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 2	TR 3	TR 4				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE							
933	Pulse		1	6	sec		761	48					Bot # 761	#900	10 sec	All ones.								6 STATION Gap Between 12+13 SINGLED	
734/935	EINT		2	11	"																		5 VIBS 1st VIB starts 6' past Flag, '75'		
736/939	DRD		4	11	"											ARRIVE FIELD							Spacing, 41.25' moveups, 32 sec sweep, 48 sec Record, 8 sweeps, Alias 31.25		
953/954	Sum Test		2	11	"																		10-9.32Hz sweep freq., Sample rate 8ms.		
960/961	VRT Test		2	11	"																				
932	Simikaver		1	32	sec											5	1	30%					8.15		
413	Wind strip		1	48	sec	2										4 ms Sample Rate	Alias	62.5						600 @ 739	
414	683	669	680	687	770	2												4	8	50%				9:00	
415	684	670	681	688	771	3														50%					
416	685	671	682	689	772	4														50%					
417	686	672	683	690	773	5														50%					
418	687	673	684	691	774	6														50%					
419	688	674	685	692	775	7														50%					
420	689	675	686	693	776	8														50%					
421	690	676	687	694	777	9														50%					
422	691	677	688	695	778	10														50%					
423	692	678	689	696	779	11	761													50%					
424	693	679	690	697	780	12	762		Windstrip											60%					
425	693	679	690	697	780	12														50%					
426	694	680	691	698	781	13														50%					
427	695	681	692	699	782	14														50%					
428	696	682	693	700	783	15														50%					
429	697	683	694	701	784	16														50%					
430	698	684	695	702	785	17														50%					
431	699	685	696	703	786	18														50%					
432	700	686	697	704	787	19														50%					
433	701	687	698	705	788	20														50%					
Skip	702	688	699	706	789	21														Skip					UP # 702 Skipped due to a grain silo.
434	703	689	700	707	790	22														50%					
435	704	690	701	708	791	23														50%					First halt
Skip	705	691	702	709	792	24														Skip					UP # 705 Skipped due to a cemetery
Skip	706	692	703	710	793	25														Skip					UP # 706 Skipped due to a mouse

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CREW NO. 6834		LINE NO. 20		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLOUDY		TRAIL CONDITIONS DIRT RD.		DATE MONTH 3 DAY 28 YEAR 85		CLIENT COCORP		OB. R. PATTON		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 2	TR 13	TR 94				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
436	707	693	704	711	794	26	762	48							5	8	30%	739					GEORGIA, Houston + Dooly Co.
437	708	694	705	712	795	27	762										50%						6 STA GAP BETWEEN 12 + 13
438	709	695	706	713	796	28	763										60%						E.O.T # 762 TAPE MKTS.
439	709	695	706	713	796	28											50%						B.O.T # 763 # 900 10 SEC ALLOWES
440	710	696	707	714	797	29											50%						
441	711	697	708	715	798	30											50%						
442	712	698	709	716	799	31											50%						
443	713	699	710	717	800	32											50%						
skip	714	700	711	718	801	33											skip						VP # 714 SKIPPED DUE TO NO WATER WELL
444	715	701	712	719	802	34											50%						last half " " " " "
445	716	702	713	720	803	35											50%						RR TRACKS CROSSING LINE
446	717	703	714	721	804	36											50%						
447	718	704	715	722	805	37											50%						
448	719	705	716	723	806	38											50%						
449	720	706	717	724	807	39											50%						STA # 823 OPEN DUE TO PAVED DRIVEWAY
450	721	707	718	725	808	40											50%						
451	722	708	719	726	809	41	763										50%						E.O.T. TAPE MKTS.
452	723	709	720	727	810	42	764		Wind strip								60%	767					B.O.T # 764 # 900 10 SEC ALLOWES. MOVED
453	723	709	720	727	810	42											50%						RECORDER UP TO STA # 767-768
454	724	710	721	728	811	43											50%						
455	725	711	722	729	812	44											50%						Wind is picking up 15 mph + gusting
456	726	712	723	730	813	45											50%						
457	727	713	724	731	814	46											50%						
458	728	714	725	732	815	47											50%						
459	729	715	726	733	816	48											50%						
460	730	716	727	734	817	49											50%						
461	731	717	728	735	818	50											50%						
462	732	718	729	736	819	51											50%						
463	733	719	730	737	820	52											30%						first half Vibs will be back on shoulder of paved rd.
skip	734	720	731	738	821	53											skip						
skip	735	721	732	739	822	54											skip						VPs # 734 + 735 SKIPPED DUE TO A HOUSE
464	736	722	733	740	823	55									4		30%						4 SWEEPS + low drive " " " "

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CREW NO. 6834		LINE NO. 20		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy		TRAIL CONDITIONS Paved Rd		DATE MONTH 3 DAY 28 YEAR 85		CLIENT EOCORP		OP R. PAXON		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 2	TR 3	TR 4				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE						
Skip	737	723	734	741	824	28	764	48																GEORGIA Houston & Dooly Co.
465	740	726	737	744	827	31	764																	VP # 737 + 739 skipped due to houses
466	741	727	738	745	828	32	765																	E.O.T. 764 TAPE MKTS.
466	741	727	738	745	828	32	765																	B.O.T 765 #900 10 sec ALL DUES
467	741	727	738	745	828	32	765																	4 SWEEPS due to 2 houses
Skip	742	728	739	746	829	33	765																	VP # 742 + 743 skipped due to a house
Skip	743	729	740	747	830	34	765																	
468	749	730	741	748	831	35	765																	
469	745	731	742	749	832	36	765																	STA # 832 E.O.L. E.O.T. 765 TAPE MKTS.
																								Crew picking up line #20

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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	OB	PM									
6834	20	7:00				CLEAR	DIRTY Rd.	3	27	85	EDCORP	R. Patton	M. 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 12	TR 13	TR 14				TAPE	MEMORY MISSED SWEEPS	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
Skip	621	607	618	625	708	28	758	48								5	8	skip	651			6 STA. GAP BETWEEN 12+13
Skip	622	608	619	626	709	29												skip				VPs #621+622 skipped due to a house
384	623	609	620	627	710	30												30%				last half " " " "
385	624	610	621	628	711	31												50%				
386	625	611	622	629	712	32												50%				
387	626	612	623	630	713	33												50%				
388	627	613	624	631	714	34	758											50%				E.O.T. 758 TAPE MKTS.
389	628	614	625	632	715	35	759		Windstrip									60db				B.O.T. 759 #900 10 SEC ALL ONES
390	628	614	625	632	715	35												50%				Vibs will be on the shoulder of a paved rd.
Skip	629	615	626	633	716	36												skip				VPs #629 thru 635 skipped no room on shoulder
391	636	622	633	640	723	43												30%				last half + low drive " " " "
Skip	637	623	634	641	724	44												skip				VPs 637+638 skipped no room on shoulder
392	639	625	636	643	726	5			Moved RECORDER up to	692+693								30%	692			last half, wind is picking up, 10 to 15 mph.
393	644	630	641	648	731	10												50%				VPs 639 thru 643 skipped no holder. last half.
394	645	631	642	649	732	11												50%				
395	646	632	643	650	733	12												50%				
Skip	647	633	644	651	734	13												skip				VPs #647 thru 649 skipped no room on shoulder
396	650	636	647	654	737	16											4	50%				4 SWEEPS + last half due to " " " "
Skip	651	637	648	655	738	17												skip				VP#651 skipped due to a church house
397	652	638	649	656	739	18											4	50%				4 SWEEPS + last half " "
398	653	639	650	657	740	19											8	50%				
399	654	640	651	658	741	20											4	50%				4 SWEEPS due to lack of room on shoulder
Skip	655	641	652	659	742	21												skip				VP#656 skipped due to lack of room on shoulder
400	656	642	653	660	743	22											8	50%				last half " " " " " "
401	657	643	654	661	744	23												50%				
402	658	644	655	662	745	24	759			1								50%				E.O.T. 759 TAPE MKTS.
Skip	659	645	656	663	746	25												skip				VPs #659 thru 663 skipped no room on shoulder
403	664	650	661	668	751	30	760		Windstrip									60db				B.O.T. 760 #900 10 SEC ALL ONES.
404	664	650	661	668	751	30												50%				TRAIN on front of line (noise) last half
405	665	651	662	669	752	31										4		50%				Vib #15382 down with hydraulic. 1st vib
Skip	666	652	663	670	753	32												skip				starts 32' past blng. VP#666 skipped
406	667	653	664	671	754	33				1						5		50%				due to lack of shoulder.

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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 1	TR 2	TR 3	TR 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.				
933	Pulse		1	6	sec		753	48									585	SPLIT spread	Georgia DOOLY CO. 6 station Gap Between 12+13, Stagg.
934/935	EINT		2	"	"														ERD Gap 2 open behind Vibs + 3 open in front
936/939	DRD		4	"	"														5 Vibs 1st vib starts 6' past Flag 75'
953/954	Sum test		2	"	"														spacing, 41.25' move ups, 32 sec sweep,
960/961	NRS TEST		2	"	"														48 sec Record, 8 sweeps, Alias 31.25hz
932	Similarity		1	32	sec								5	1	30%		8:35		10-32hz sweep Freq, 8ms sample rate
316	windstrip		1	48	sec	17													Sims taken through live with CAMERA 4ms sample Rate Alias 62.5
317	544 536 541 548 631					17								4	8	50%		9:15	Vibs will start on shoulder of a paved rd.
318	545 531 542 549 632					18									4	30%			4 Vibs 1st Vib starts 32' past flag
Skip	546 532 543 550 633					19									8	Skip			Last half low drive due to a house
319	547 533 544 551 634					20									8	50%			VP# 546 skipped due to a house
320	548 534 545 552 635					21									4	50%			Last half due to a house
321	549 535 546 553 636					22								5	8	30%			4 sweeps due to intersection
322	550 536 547 554 637					23										50%			Vibs back on a dirt rd with 5 vibs
323	551 537 548 555 638					24										50%			STA# 587 open due to a paved driveway.
324	552 538 549 556 639					25	753									50%			STA# 610 open due to hiway intersection
325	553 539 550 557 640					26	754	Wind strip								60db			E.O.T.#753 TAPE MKTS.
326	553 539 550 557 640					26										50%			B.O.T.#754 #900 10 SEC ALL OUES
327	554 540 551 558 641					27										50%			
328	555 541 552 559 642					28										30%			First half low drive due to a water well
Skip	556 542 553 560 643					29										Skip			VP# 556 skipped due to a water well
329	557 543 554 561 644					30										30%			inst half low drive " " " " "
330	558 544 555 562 645					31										50%			
331	559 545 556 563 646					32										50%			
332	560 546 557 564 647					33										50%			
333	561 547 558 565 648					34										50%			
334	562 548 559 566 649					35										50%			
335	563 549 560 567 650					36										50%			
336	564 550 561 568 651					37										50%			
337	565 551 562 569 652					38										50%			
338	566 552 563 570 653					39	754									50%			E.O.T.#754 TAPE MKTS.
339	567 553 564 571 654					40	755	Wind strip								60db			B.O.T.#755 #900 10 SEC ALL OUES.

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GEB-252-D

CREW NO. 6834		LINE NO. 20		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DIRTY RD.		DATE MONTH 3 DAY 26 YEAR 85		CLIENT COCORP		OB R. Patten		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					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR 1	TR 12	TR 13	TR 96				TAPE	MEMORY MISS. SWP EPS	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS					NO. SUMS	DRIVE	
340	567	553	564	571	654	40	755	48							5	8	50%	585			SPLIT SPREAD	GEORGIA Dooly CO.	
341	568	554	565	572	655	41											50%					65TH GAP BETWEEN 12+13	
342	569	555	566	573	656	42											50%					STAs 653+thru 656 OPEN tractor cut cable	
343	570	556	567	574	657	43											50%	624				STAs OPEN ON FILES 340+thru 342	
344	571	557	568	575	658	5											50%					MOVED RECORDER TO 624+625	
345	572	558	569	576	659	6											50%					STAs 650+thru 654 TRACTOR WORKING IN AREA	
346	573	559	570	577	660	7											50%						
347	574	560	571	578	661	8											50%						
348	575	561	572	579	662	9											50%						
349	576	562	573	580	663	10											50%						
350	577	563	574	581	664	11											30%						
skip	578	564	575	582	665	12											skip					VP# 578 SKIPPED DUE TO A HOUSE -	
351	579	565	576	583	666	13											30%						
skip	580	566	577	584	667	14											skip					VP# 580 SKIPPED DUE TO A HOUSE	
352	581	567	578	585	668	15	755										30%					LAST HALF " " " " E.O.T. 755 TAPE M/MS.	
353	582	568	579	586	669	16	756		Wind strip								60db					B.O.T # 756 # 900 10 SEC ALL ONES.	
354	582	568	579	586	669	16											50%						
355	583	569	580	587	670	17											50%						
356	584	570	581	588	671	18											50%						
357	585	571	582	589	672	19											50%						
358	586	572	583	590	673	20											30%					LAST HALF	
skip	587	573	584	591	674	21											skip					VP# 587+thru 588 SKIPPED DUE TO A HOUSE	
359	589	575	586	593	676	23											30%					LAST HALF DUE TO A HOUSE	
skip	590	576	587	594	677	24											skip						
skip	591	577	588	595	678	25											skip					VP# 590+591 SKIPPED DUE TO A HOUSE	
360	592	578	589	596	679	26											30%					LAST HALF	
361	593	579	590	597	680	27											50%						
362	594	580	591	598	681	28											50%						
363	595	581	592	599	682	29	756										50%		4:45			E.O.T. # 756 TAPE M/MS.	

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CREW NO. 6834		LINE NO. 20		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DIRT RD.		DATE MONTH 3 DAY 25 YEAR 85		CLIENT EXCORP		OB R. PATTON		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 12	TR 13	TR 96				TAPE	MEMORY ALL 15 SEC SWEEPS	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					
Skip	485	471	482	489	591	34	751	48							5	8	Skip	528					6 STA GAP between 12+13 Georgia, Dooly Co. VP's # 485+486 Skipped due to a house -
Skip	486	472	483	490	592	35											Skip						
301	487	473	484	491	593	36	751										30%						E.O.T. 751 TAPE MKTS.
302	488	474	485	492	594	37	752		Windstrip								60db						B.O.T. 752 #900 10 SEC ALL ONES
303	488	474	485	492	594	37											30%						
304	489	475	486	493	595	38									4		30%						4 SWEEPS low drive due to a house
Skip	490	476	487	494	596	39											Skip						VP's # 490 thru 493 Skipped due to houses
305	494	480	491	498	600	43									8		30%						Dibs are back on shoulder of a paved Rd.
306	495	481	492	499	601	1											50%	571					Moved Recorder up to 571-572
307	496	482	493	500	602	2											50%						
308	497	483	494	501	603	3											50%						
Skip	498	484	495	502	604	4											Skip						VP's # 498 thru 500 Skipped due to houses.
309	501	487	498	505	607	7											30%						First half due to lack of shoulder (paved rd)
Skip	502	488	499	506	608	8											Skip						VP # 502 Skipped due to lack of shoulder
310	503	489	500	526	609	9									4		50%						4 SWEEPS only " " " " "
311	504	490	501	527	610	10									8		50%						LAST HALF " " " " "
312	505	491	502	528	611	11											50%						
313	506	492	503	529	612	12	752										50%						E.O.T. 752 TAPE MKTS
314	526	493	504	530	613	13	753		Windstrip								60db						B.O.T. # 753 #900 10 SEC ALL ONES
315	526	493	504	530	613	13									4		50%						4 SWEEPS only due to soft shoulder
Skip	527	494	505	531	614	14											Skip	5:00					VP # 527 thru 543 Skipped due to (lack of shoulder + soft sand.

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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 2	TR 3				TR 4	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS								NO. SUMS
933	pulse		1	6	sec	747	48																	Georgia Macon Co
934/935	EINT		2	11	"																			6 station gap between 12 + 13 stopped
936/939	DRD		4	11	"																			gap 2 open behind Vibs, 3 open in front,
953/954	Sum TEST		2	11	"																			5 Vibs 1st Vib, starts 6' past flag, 75'
960/961	NRS TEST		2	11	"																			spacing, 41.25 move ups, 32 sec sweep,
932	Similarity		1	32	sec																			48 sec Record, 8 sweeps, Alias 31.25ms
241	windstrip		1	48	sec																			10 → 32hz sweep freq, 8ms sample rate.
242	387	381	392	399	482	1																		4 ms sample rate Alias
243	389	381	392	399	482	1																		62.5 60db
244	391	381	392	399	482	1																		8 50%
245	393	381	392	399	482	1																		50%
246	395	381	392	399	482	1																		50%
247	396	382	393	400	483	2																		50%
Skip	397	383	394	401	484	3																		30%
Skip	398	384	395	402	485	4																		50%
248	399	385	396	403	486	5																		50%
249	400	386	397	404	487	6																		30%
Skip	401	387	398	405	488	7																		30%
250	404	390	401	408	491	10	747																	50%
251	405	391	402	409	492	11	748	wind strip																30%
252	405	391	402	409	492	11																		60db
253	406	392	403	410	493	12																		30%
Skip	407	393	404	411	494	13																		30%
254	410	396	407	414	497	16																		50%
Skip	411	397	408	415	498	17																		30%
255	414	400	411	418	501	20																		50%
256	415	401	412	419	502	21																		50%
257	416	402	413	420	503	22																		50%
258	417	403	414	421	504	23																		50%
259	418	404	415	422	505	24																		50%
260	419	405	416	423	506	25																		50%
261	420	406	417	424	524	26																		50%

14 VP# 509 Dooly Co.
 VPs # 507 thru 525 skip in numbers due to
 o/s in line. (NO PHONES THESE STA.)

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 20		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy		TRAIL CONDITIONS DIRT RD.		DATE MONTH 3 DAY 22 YEAR 85		CLIENT COCORP		OBR R-PATTON		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 12	TR 13	TR 96				TAPE	MEMORY MILES P.D. SWEEPS	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE						
262	421	407	418	425	527	29	748	48							5	8	50%	430					SPIT + SPREAD	GEORGIA MACON CO. STA GAP BETWEEN 12 + 13 MOVED
263	422	408	419	426	528	10											50%						RECORDER up to STA 470 + 471	
264	423	409	420	427	529	11	748										50%						ON VP # 422 TRAIN ON BACK OF LINE	
265	424	410	421	428	530	12	749		Wind strip								60db						E.D.T. # 748 TAPE MKTS. BOT. # 749	
266	424	410	421	428	530	12											50%						#900 10 SEC ALL ONS.	
267	425	411	422	429	531	13											50%							
268	426	412	423	430	532	14											50%							
269	427	413	424	431	533	15											50%							
270	428	414	425	432	534	16											50%							
Skip	429	415	426	433	535	17											Skip							VP # 429 thru 434 SKIPPED DUE TO HOUSES.
271	435	421	432	439	541	23											50%							
272	436	422	433	440	542	24											50%							
Skip	437	423	434	441	543	25											Skip							VP 437 thru 440 SKIPPED HOUSES + A WATER WELL
273	441	427	438	445	547	29											30%							
274	442	428	439	446	548	30									4		30%							4 SWPS + LOW DRIVE DUE TO A HOUSE.
Skip	443	429	440	447	549	31											Skip							VP # 443 SKIPPED DUE TO A HOUSE.
275	444	430	441	448	550	32									8		30%							
Skip	445	431	442	449	551	33											Skip							VPs # 445 thru 451 SKIPPED DUE TO HOUSES.
276	452	438	449	456	558	40	749										30%		445					LAST WAIT DUE TO A HOUSE
																								E.O.T. # 749 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.								
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN RAMP	PARITY TAPE	SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR				SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS	DRIVE					
6834	20	7:00													3	20	85	COCORP	R. Patten	B. Cassidy	Georgia Macon Co.
933	Pulse	1	6	Sec		742	48														6 station Gap Between 12+13
934/935	EINT	2	"	"																	Staggered Gap, 2 open Behind Vib, 3 open IN FRONT
936/939	DRD	4	"	"																	5 Vib 1st Vib starts 6' Past Flag 75'
953/954	Sum Test	2	"	"																	Spacing, 41.25' move ups, 32 sec Sweep,
960/961	NRT Test	2	"	"																	48 sec Record, 8 sweeps, Alias 31.25Hz
932	Similarity	1	32	Sec										5	1	30%					10 → 32Hz Sweep Freq, 8ms Sample Rate.
182	Wind Strip	1	48	Sec	1									4	ms	Sample Rate	Alias	62.5		60db	Cable Crossing Highway AT #320-321
183	209	195	206	213	296	1								5	8	50%					
184	210	196	207	214	297	2										50%					
185	211	197	208	215	298	3										50%					
186	212	198	209	216	299	4										50%					
187	213	199	210	217	300	5										50%					
188	214	200	211	218	301	6										50%					
189	215	201	212	219	302	7										50%					
190	216	202	213	220	303	8										50%					
191	217	203	214	221	304	9										50%					
192	218	204	215	222	305	10	742									50%					EOT # 742 Tape MKTs.
193	219	205	216	223	306	11	743									60db					BOT # 743 #900 10 sec All ones.
194	219	205	216	223	306	11		Wind Strip								50%					
195	220	206	217	224	307	12										50%					
196	221	207	218	225	308	13										50%					
197	222	208	219	226	309	14										50%					
198	223	209	220	227	310	15										50%					
199	224	210	221	228	311	16										50%					
200	225	211	222	229	312	17										50%					
201	226	212	223	230	313	18										50%					
202	227	213	224	231	314	19										50%					
203	228	214	225	232	315	20										50%					
204	229	215	226	233	316	21										30%					stacked 1st Half.
SKIP	230	216	227	234	317	22										SKIP					Due To House
SKIP	231	217	228	235	318	23										SKIP					" " "
205	232	218	229	236	319	24	743									4	30%				4 Sweeps ONLY Last Half. EOT # 743 Tape MKTs

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 20		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt Road		DATE MONTH 3 DAY 20 YEAR 85		CLIENT COCORP		OB R. Patton		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	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS	DRIVE					
SKIP	233	219	230	237	320	25		48															STA # 338 LAST STATION west side of TOWN.
SKIP	234	220	231	238	321	26																	6 STATION Gap Between 12+13.
206	255	243	-	338	49	744			wind strip														60db
207	255	243	-	338	49									5	8								30%
208	257	243	-	338	49																		30% 1st HALF.
skip	259	243	-	338	49																		STARTING AT #255 Vibs WILL Be Shaking Through spread, NO Gap, CDP WILL NOT move, Vibs WILL shake ON TOP OF STATION.
209	261	243	-	338	49																		VPs # 258 thru 260 Skipped due to a house
210	263	243	-	338	49																		LAST HALF due to a house
211	265	243	-	338	49																		50%
212	266	243	-	338	49																		VPs # 267+268 Skipped due to a house
213	269	243	-	338	49																		LAST HALF due to a house
214	270	243	-	338	49																		VPs # 271 thru 274 Skipped due to Houses
215	275	243	-	338	49																		50%
216	277	243	-	338	49																		50%
217	279	243	-	338	49																		VPs # 280 thru 282 Skipped due to a house
218	283	243	-	338	49																		LAST HALF due to a house
219	285	243	-	338	49	744																	E.O.T. # 744 TAPE MKTS.
220	286	243	-	338	49	745			wind strip														60db
221	286	243	-	338	49																		50%
222	288	243	-	338	49																		VP # 287 Skipped due to a house (TRAILER)
223	290	243	-	338	49																		50%
224	292	243	-	338	49																		VPs # 293+294 Skipped due to a house
225	295	243	-	338	49																		50%
226	297	243	-	338	49																		VP # 295 Vibs on S holder of a PAVED rd.
227	299	243	-	338	49																		30%
228	301	243	-	338	49																		LAST HALF due to a house
229	303	243	-	338	49																		50%
230	306	243	-	338	49																		VPs # 304+305 Skipped due to a house-
231	310	243	-	338	49																		30%
232	312	243	-	338	49																		Stacked LAST HALF. #308 skip due to well
233	313	243	-	338	49	745																	50%
234	316	243	-	338	49	746			wind strip														60db
																							E.O.T. # 745 TAPE MKTS.
																							B.O.T. # 746 # 900 10 SEC ALL ONES

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 20		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DIRT Rd.		DATE MONTH 3 DAY 19 YEAR 85		CLIENT COLORP		OB R. PATTON		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 12	TR 13	TR 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE						
148	174	160	171	178	261	27	739	48db							5	8	50%	205			GEORGIA		MACON CO.	
Skip	175	161	172	179	262	28															6 STA. GAP BETWEEN 174 + 13		UP# 175 Skipped DUE to A MOUSE	
149	176	162	173	180	263	29											50%							
150	177	163	174	181	264	30								4	8	50%						First HALF Vib # 32940 Down with		
151	178	164	175	182	265	31											50%				LAST HALF Hyd. LEAK. 1st Vib starts 32' past flag			
Skip	179	165	176	183	266	32											Skip					UP# 179 Skipped No Room to VIBRATE ON		
152	180	166	177	184	267	33											50%					SHOLDER of PAVED RD. (Either side)		
153	181	167	178	185	268	34											30%					First halt		
Skip	182	168	179	186	269	35											Skip					VP# 182 Skipped due to a house		
154	183	169	180	187	270	36											50%					F.O.T. # 739 TAPE MKTS.		
155	184	170	181	188	271	37	739										50%					EAST half due to lack of sholder		
156	185	171	182	189	272	38	740		Windstrip								60%					B.O.T. 740 #900 10 SEC ALL ONES		
157	185	171	182	189	272	38											50%							
158	186	172	183	190	273	39											50%							
159	187	173	184	191	274	40											50%					Last half DUE to a P.D. INTER. Vibs back on DIRT Rd.		
160	188	174	185	192	275	41											50%							
161	189	175	186	193	276	42											50%							
162	190	176	187	194	277	43											50%							
163	191	177	188	195	278	44											50%	228				MOVED RECORDER up to STA # 228/229		
164	192	178	189	196	279	22											50%							
165	193	179	190	197	280	23											50%							
166	194	180	191	198	281	24											50%							
167	195	181	192	199	282	25											50%							
168	196	182	193	200	283	26											50%							
169	197	183	194	201	284	27	740										50%					EOT # 740 Tape MKTS.		
170	198	184	195	202	285	28	741		Windstrip								60db					BOT # 741 #900 10 sec All ones		
171	198	184	195	202	285	28								5	8	50%						Vib # 32940 Back on Line.		
172	199	185	196	203	286	29											50%							
173	200	186	197	204	287	30											50%							
174	201	187	198	205	288	31											50%							
175	202	188	199	206	289	32											50%							
176	203	189	200	207	290	33											50%							

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 20		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER cloudy		TRAIL CONDITIONS PRT R.		DATE MONTH 3 DAY 15 YEAR 85		CLIENT COROP		OB R. Patten		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 2	TR 13	TR 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS	DRIVE							
058	76	62	73	80	163	26	732	48							4	8	50%	108						split spread 6 Sta GAP between 12 + 13	
059	77	63	74	81	164	27											50%								
060	78	64	75	82	165	28											50%								
061	79	65	76	83	166	29											50%								
062	80	66	77	84	167	30											50%								
063	81	67	78	85	168	31											50%							ON VP # 81 Road GRADER broke cable	
064	82	68	79	86	169	32	732										50%							shut down CREW for 20 min. to	
065	83	69	80	87	170	33	733		Windstrip								60%							REPLACE BAD cable	
066	83	69	80	87	170	33											50%							E.O.T. # 732 TAPE MKTS.	
067	84	70	81	88	171	34								5	8	50%								B.O.T. # 733 # 900 10 SEC ALL ONES	
068	85	71	82	89	172	35											50%							Blast on Windstrip B.O.T. # 733	
069	86	72	83	90	173	36											50%							5 Vib ON LINE 1st vib starts 75' east flag	
070	87	73	84	91	174	37											50%								
071	88	74	85	92	175	38											50%								
072	89	75	86	93	176	39											50%								
073	90	76	87	94	177	40											50%								Vib # 15382 Down Agiv Hyd leak
074	91	77	88	95	178	41								4	8	50%									1st Vib starts 32' east flag
075	92	78	89	96	179	42											50%								
076	93	79	90	97	180	43	733										50%				3:30			E.O.T. # 733 TAPE MKTS.	



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

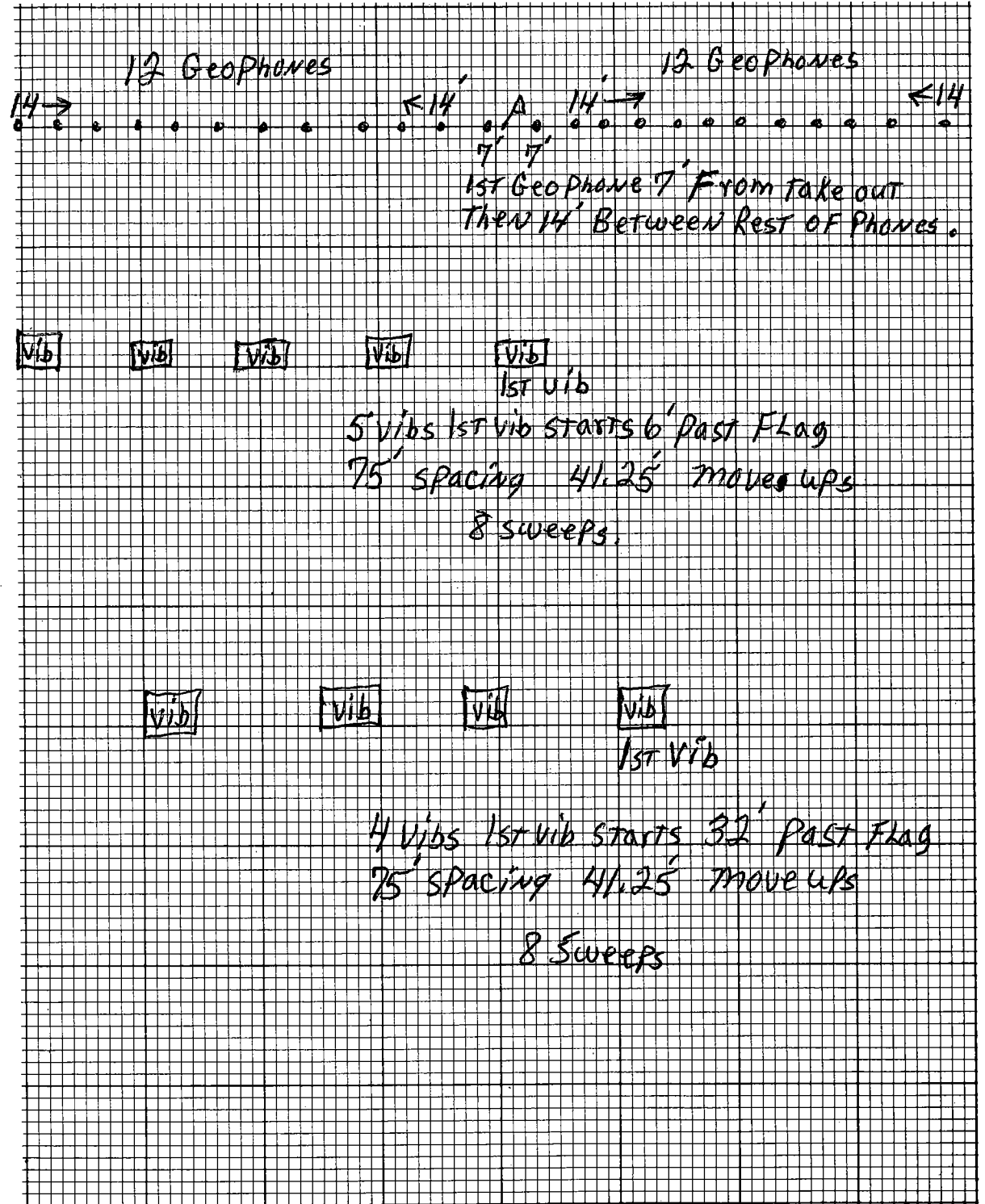
GENERAL	
Crew No. <u>6834</u>	Contract No. <u>799</u>
Client <u>COCORP</u>	
Area <u>Georgia</u>	
Country <u>Georgia</u>	
County <u>Schley</u>	
Concession <u>Schley</u>	
State <u>Georgia</u>	
Party Mgr. <u>B. Cassidy</u>	OB/JOR <u>R. Patten</u>
Line No. <u>20</u>	Date Start of Line <u>3-14-85</u>
Sta. Int. <u>330'</u> Feet	Meters Fold <u>48002</u>
Spread Dimensions <u>L-126 station 13-96</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>842</u>	Array Width <u>IN LINE</u>
No. per string <u>2-12</u>	Array Across Between Sta
per trace <u>24 total</u>	Centered <input checked="" type="checkbox"/> <input type="checkbox"/>
Separation String Connected	Ser Par <input type="checkbox"/> <input checked="" type="checkbox"/>
Coil Res. <u>335 ohms</u>	String Phone
Shunt Res.	<input type="checkbox"/> <input type="checkbox"/>
Connected at Sta	Ser Par <input type="checkbox"/> <input checked="" type="checkbox"/>
Separation between elements in the array	<u>14.34</u> <u>14'</u>

RECORDING SYSTEM	
Type:	<u>MD5-10</u>
Format:	<u>SEG B</u>
No. of Channels:	<u>96</u>
Sample Rate:	<u>8 ms</u>
Record Length:	<u>48 sec</u>
BPI:	<u>800</u>
Low-Cut Filter	Freq: <u>OUT</u> Slope: <u>OUT</u>
High-Cut Filter	Freq: <u>ALIAS 31.25m</u> Slope: <u>OUT</u>
Static Filter	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
Notch Filter	In <input checked="" type="checkbox"/> Out <input type="checkbox"/> <u>60 Hz</u>
UH Ch. On Tape	Wireline <u>N/A</u> Radio <u>N/A</u>
Sweep Ch. On Tape	<u>AUX 2 GALVO 50</u> <u>AUX 4 GALVO 52</u>

ENERGY SOURCE	
Type:	<u>47 1100's Vibrators</u> <u>1 V 900 Vibrator</u>
Manufacturer:	<u>George E. Failing</u>
Source Control:	<u>RCV 310</u>
Dynamite	Holes/Shotpoint: <u>N/A</u>
	Charge/Shotpoint: <u>N/A</u>
Surface Source	Pattern Length: <u>N/A</u> Feet Meters
	Array Length: <u>489</u> Feet Meters
Surface Source	No. of drops, sweeps, etc. in array: <u>8 sweeps</u>
	Sweep Freq: <u>10 → 32 Hz</u>
	Sweep Length: <u>32 sec</u>
	Unit <u>5 Vibs</u> Feet Separation: <u>75</u> Meters
	Unit Moveup: <u>41.25</u> Feet Meters
	Array Centered: <input checked="" type="checkbox"/> Across 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: