

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 8834		LINE NO. 6	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR	TRAIL CONDITIONS Paved Rd	DATE MONTH 7 DAY 9 YEAR 88	CLIENT CCGORD	OB D. Moore	PM B. Cassidy							
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					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		922	48								833	4		Washington Skagit Co.	
934/935	EINT		2-6	"														4 Vibes 1st starts 21' past flag, 110' spacing,	
936/939	DRD		4-6	"														41.25' move ups, 32 sec sweep, 48 sec record,	
953/954	SUM		2-6	"														8 sweeps, Alias 31.25 Hz, 10-32 Hz sweep	
960/961	NRS		2-6	"														freq, 8ms sample rate	
932	similarity		1-32	"														NOTE: STA #786 open due to driveway + STA	
564	windstrip		1-48	sec	0													#884 open due to a bridge + STA #888 open due to bridge	
565	755	760		855	0								4	8	30%	10:30		NOTE: Late start due to sims	
566	756	761		856	0										30%			NOTE: Vib down #23652 due to hyd problems	
567	757	762		857	1										30%			NOTE: STA #906 open due to Recorder	
568	758	763		858	2									4	30%			position	
569	759	764		859	3									8	30%			Last half	
570	760	765		860	4										30%				
571	761	766		861	5	922									30%			E.O.T. #922 Tape MKTs.	
572	762	767		862	6	923	windstrip								60db			B.O.T. #923 #900 10sec ALLONES	
573	762	767		862	6										30%				
574	763	768		863	7								5		30%			5 Vibes, 82.5' spacing	
575	764	769		864	8										30%				
576	765	770		865	9										30%				
577	766	771		866	10										30%				
578	767	772		867	11										30%				
579	768	773		868	12										30%				
580	769	774		869	13										30%				
581	770	775		870	14										30%			VP #770 skipped due to houses	
582	772	777		872	16										30%				
583	773	778		873	17										30%			VPs #773 + #774 skipped due to houses	
584	774	779		874	18										30%				
585	775	780		875	19										30%			Last half	
586	776	781		876	20										30%			Last half	
587	777	782		877	21	923									30%			E.O.T. #923 Tape MKTs.	
588	778	783		878	22	924	windstrip								60db			B.O.T. #924 #900 10sec ALLONES	

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CREW NO. 6834		LINE NO. 6		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS Paved Rd		DATE MONTH 7 DAY 9 YEAR 85		CLIENT COCORA		OB D. MOORE		PM B. CASSIDY	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR 1	TR -	TR -	TR 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
587	778	783	—	878	22	924	48									5	8	30%	833		4		
588	779	784	—	879	23													30%					
589	780	785	—	880	24													30%					
SKIP	781	786	—	881	25													30%					VP's #781 thru #786 skipped due to houses
590	787	792	—	887	31													30%					
591	788	793	—	888	32													30%					
592	789	794	—	889	33													30%					
593	790	795	—	890	34													30%					
594	791	796	—	891	35													30%					
SKIP	792	797	—	892	36													30%					VPs #792 thru #794 skipped due to barn + houses
595	795	800	—	895	39													30%					
SKIP	796	801	—	896	40													30%					VPs #796 + #797 skipped due to house
SKIP	797	802	—	897	41													30%					
596	798	803	—	898	42													30%					
597	799	804	—	899	43													30%					
598	800	805	—	900	44													30%					
599	801	806	—	901	45	924												30%					E.O.T. #924 Tape MKTs
SKIP	802	807	—	902	46													30%					VPs #802 #803 skipped due to houses
SKIP	803	808	—	903	47													30%					
600	804	809	—	904	48	925												60db					B.O.T. #925 #900 10sec ALLOWES
601	804	809	—	904	48													30%					
602	805	810	—	905	49													30%					
603	806	811	—	906	50	925												30%			3:45		NOTE: GTA. #906 is E.O.T. Vibs will not be shaking thru. spread

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CREW NO. 6834		LINE NO. 6		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS Paved Rd		DATE MONTH 7 DAY 8 YEAR 85		CLIENT COCORP		OB D. MOORE		PM B. CASSIDY	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)			C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR 1	TR -	TR -				TR 96	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS						DRIVE
933	Pulse		1-6	Sec	0	920	48																Washington Skagit Co.
934/935	EXT		2-6	"																			5 Vibes 1st starts 21' past flag, 82.5' spacing,
936/939	DRD		4-6	"											Arrived Field			8:45					41.25' move ups, 32sec sweep, 48sec record,
953/954	Sum test		2-6	"																			8 sweeps, Alias 31.25 Hz, 10 → 32 Hz sweep
960/961	MRS test		2-6	"																			freq, 8ms sample rate
932	similarity		1-32	"																			NOTE: STA #786 open due to driveway
540	windstrip		1-48	Sec	1																		4ms sample rate alias 62.5 Hz
541	733	738	-	833	1																		NOTE: Late start due to laying out cables
542	734	739	-	834	2																		+ trouble shooting the line.
543	735	740	-	835	3																		
544	736	741	-	836	4																		
545	737	742	-	837	5																		
546	738	743	-	838	6	920																	E.O.T. #920 Tape MKTS
547	739	744	-	839	7	921	windstrip																B.O.T. #921 #900 10sec allows
548	739	744	-	839	7																		
549	740	745	-	840	8																		
550	741	746	-	841	9																		
551	742	747	-	842	10																		
552	743	748	-	843	11																		
553	744	749	-	844	12																		
554	745	750	-	845	13																		
555	746	751	-	846	14																		
556	747	752	-	847	15																		
557	748	753	-	848	16																		
558	749	754	-	849	17																		
559	750	755	-	850	18	921																	E.O.T. #921 Tape MKTS
560	751	756	-	851	19	922	windstrip																B.O.T. #922 #900 10sec allows
561	751	756	-	851	19																		
562	752	757	-	852	20																		
563	753	758	-	853	21																		
Skip	754	759	-	854	22																		First half VP #754 skipped due to house + barn

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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	TR	TR				TR	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS						
933	Pulse		1-6	sec		918	48																Washington S Kagit Co.
934/935	EINT		2-6	"																			B.O.T. #918 #900 10sec ALL ones
936/939	DRD		4-6	"																			50lbs. 1st starts 21' past flag, 82.5' pacing
953/954	Sum Test		2-6	"																			ARRIVED Field 8:30
960/961	NRS test		2-6	"																			41.25' move up, 32 sec sweep, 48 sec record, 8 sweep, ALIAS 31.25 Hz, 10 → 32 Hz sweep freq, 8ms sample rate
932	similarity		1-32	"																			NOTE: STA. #786 open due to driveway
511	winds trip		1-48	"	9																		5ms take online with camera 4ms sample rate ALIAS 62.5 Hz
512	707	712			802	9																	NOTE: Late start due to sims
513	708	713			808	10																	
514	709	714			809	11																	
515	710	715			810	12																	
516	711	716			811	13																	
517	712	717			812	14																	
518	713	718			813	15																	
519	714	719			814	16																	
520	715	720			815	17																	
521	716	721			816	18	918																E.O.T. #918 Tape MKTS.
522	717	722			817	19	919	winds trip															B.O.T. #919 #900 10sec ALL ones
523	717	722			817	19																	
524	718	723			818	20																	
525	719	724			819	21																	
526	720	725			820	22																	
527	721	726			821	23																	
528	722	727			822	24																	
529	723	728			823	25																	
530	724	729			824	26																	
531	725	730			825	27																	
532	726	731			826	28																	
533	727	732			827	29																	
534	728	733			828	30																	
535	729	734			829	31	919																E.O.T. #919 Tape MKTS
536	730	735			830	32	920	winds trip															B.O.T. #920 #900 10sec ALL ones

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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	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE						
933	Pulse		1-6		sec		914	48																Washington Seagirt Co. B.O.T. #914 #900 10sec ALLOWES
934/935	EINT		2-6		"																			5 Vibrs 1st STARTS 21' past flag, 82.5' spacing,
936/939	DRD		4-6		"										ARRIVED FIELD									41.25' move ups, 32sec sweeps, 48sec record,
953/954	Sum test		2-6		"																			8 sweeps, Alias 31.25 Hz, 10 → 32 Hz sweep
960/961	NRS test		2-6		"																			freq, 8ms sample rate
932	Similarity		1-32		"																			NOTE: STA #786 open due to driveway
460	windstrip		1-48		sec 12																			4ms sample rate Alias 62.5 Hz
461	660	665			760	12											5	8						30%
462	661	666			761	13																		30%
463	662	667			762	14																		30%
464	663	668			763	15																		30%
465	664	669			764	16																		30%
466	665	670			765	17																		30%
467	666	671			766	18																		30%
468	667	672			767	19											4							NOTE: Vib down #23652 busted fan
469	668	673			768	20																		belt, 4 Vibrs 110' spacing.
470	669	674			769	21	914																	E.O.T. #914 Tape MKTS.
471	670	675			770	22	915	windstrip																B.O.T. #915 #900 10sec ALLOWES
472	670	675			770	22																		30%
473	671	676			771	23																		30%
474	672	677			772	24																		30%
475	673	678			773	25																		30%
476	674	679			774	26																		30%
477	675	680			775	27																		30%
478	676	681			776	28																		30%
479	677	682			777	29																		30%
480	678	683			778	30																		30%
481	679	684			779	31																		30%
482	680	685			780	32																		30%
483	681	686			781	33																		30%
484	682	687			782	34	915																	E.O.T. #915 Tape MKTS.
485	683	688			783	35	916	windstrip																B.O.T. #916 #900 10sec ALLOWES

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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 1	TR -	TR -	TR 6			TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE					
6834	6	7:00																				
486	683	688	---	---	783	35	916	48	missed sweep						5	8	30%	725	4		Washington Skagit Co. 5 Vib 82.5' spacing	
487	684	689	---	---	784	36											30%					
488	685	690	---	---	785	37											30%					
489	686	691	---	---	786	38											30%					
490	687	692	---	---	787	39											30%					
491	688	693	---	---	788	40											30%					
492	689	694	---	---	789	41											30%					
493	690	695	---	---	790	42											30%					
494	691	696	---	---	791	43											30%				First half	
495	692	697	---	---	792	44											30%				Last half	
496	693	698	---	---	793	45											30%					
497	694	699	---	---	794	46											30%					
498	695	700	---	---	795	47	916										30%				E.O.T.	
499	696	701	---	---	796	48	917	windstrip									60%	745			B.O.T. #917 #900 10sec ALL ones. NOTE: Move Recorder between STAs. #745 + #746	
500	696	701	---	---	796	28											30%					
501	697	702	---	---	797	29											30%					
502	698	703	---	---	798	30											30%					
503	699	704	---	---	799	31											30%					
504	700	705	---	---	800	32											30%					
505	701	706	---	---	801	33											30%					
506	702	707	---	---	802	34											30%					
507	703	708	---	---	803	35											30%					
508	704	709	---	---	804	36											30%					
509	705	710	---	---	805	37											30%					
510	706	711	---	---	806	38	917										30%	4:45			E.O.T. #917 Tape MKTS.	

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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	6	7:00				CLEAR	Paved Rd	6	30	85	COCORP	D. Moore	B. Cassidy												
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							
Skip	640	645	---	740	30	912	48			MISSED Sweep						5	8	Skip	687	68	4		Washington Skagit Co.		
440	641	646	---	741	31																				
441	642	647	---	742	32																				
442	643	648	---	743	33																				
443	644	649	---	744	34																				
444	645	650	---	745	35																				
445	646	651	---	746	36																				
446	647	652	---	747	37																				
447	648	653	---	748	38																				
448	649	654	---	749	39																				
449	650	655	---	750	40	912																		E.O.T. #912 Tape MKTs	
450	651	656	---	751	41	913				windstrip														B.O.T. #913 #900 10sec ALLOWS	
451	651	656	---	751	41																				
452	652	657	---	752	42																				
453	653	658	---	753	43																				
454	654	659	---	754	44																				
455	655	660	---	755	45																				
456	656	661	---	756	46																				
457	657	662	---	757	47																				
458	658	663	---	758	48																				
459	659	664	---	759	49	913																			E.O.T. #913 Tape MKts

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CREW NO. 8834		LINE NO. 6	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Cloudy	TRAIL CONDITIONS Paved Rd.	DATE MONTH 6 DAY 29 YEAR 85	CLIENT COCORP	OB D. Moore	PM B. Cassidy														
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS				
		TR /	TR -	TR ~	TR 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE								
933	Pulse		1-6	sec		909	48																	Washington Skagit Co.		
934/935	Flint		2-6	"																					B.O.T. #909 #900 10sec ALLONES	
936/939	DRD		4-6	"																					5 Vibes 1st starts 21' past flag, 82.5' spacing,	
953/954	Sum test		2-6	"																					41.25' move ups, 32sec sweep, 48sec Record,	
960/961	NRJ test		2-6	"																					8sweeps, Alias 31.25Hz, 10-32Hz sweep freq,	
932	similarity		1-32	"																					8ms sample rate	
398	windstrip		1-48	sec	0																				NOTE: STA. #587 open due to driveway	
399	582	482	---	577	0																				5ms sample rate Alias 62.5Hz	
400	583	483	---	578	1																				5 5 8 30%	
401	584	484	---	579	2																				30%	
402	585	485	---	580	3																				30%	
403	586	486	---	581	4																				4 30%	
404	587	487	---	582	5																				30%	
405	588	488	---	583	6																				30%	
406	589	489	---	584	7																				8 30%	
407	590	490	---	585	8																				30%	
408	591	491	---	586	9																				30%	
409	592	492	---	587	10																				30%	
410	593	493	---	588	11																				30%	
411	594	494	---	589	12																				30%	
412	595	495	---	590	13																				30%	
413	596	496	---	591	14																				30%	
414	597	497	---	592	15																				30%	
415	598	498	---	593	16	909																			30%	
416	599	499	---	594	17	910	windstrip																		60db	
417	600	500	---	595	18																				30%	
418	601	501	---	596	19																				30%	
419	602	502	---	597	20																				30%	
420	603	503	---	598	21																				30%	
421	604	504	---	599	22																				30%	
																										12:45
																										NOTE: STAs #605 thru #624 skipped due to Skagit River

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CREW NO. 6834		LINE NO. 6		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS Paved Rd		DATE MONTH 6 DAY 28 YEAR 85		CLIENT COCORP		OB D. MOORE		PM B. Cassidy			
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR 1	TR -	TR -	TR 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE							
933	Pulse		1-6	sec	35	905	48		missed sweep														Washington Skagit Co.		
934/935	EINT		2-6	"																			5 Vibes / 1st Vib starts 21' past flag, 82.5'		
936/939	DRD		4-6	"											ARRIVED FIELD								spacing, 41.25' move up, 32 sec sweep, 48 sec record		
953/954	Sum test		2-6	"																			8 sweep, Alias 31.25 Hz, 10-32 Hz sweep freq,		
960/961	NRS test		2-6	"																			8 ms sample rate		
932	Similarity		1-32	"		905																	E.O.T. #905 Tape MKTs.		
357	windstrip		1-48	sec	3	906			4ms sample rate	Alias	62.5 Hz												B.O.T. #906 #900 10 sec ALL ones		
358	526	426			521	3										5	8	30%							
359	527	427			522	4			Last half								8	30%					NOTE: STA #432 open due to driveway		
360	528	428			523	5												30%							
361	529	429			524	6												30%							
362	530	430			525	7												30%							
363	531	431			526	8												30%							
364	532	432			527	9												30%							
365	533	433			528	10												30%							
366	534	434			529	11												30%							
367	535	435			530	12												30%							
368	536	436			531	13												30%							
SKIP	537	437			532	14												SKIP						VPs #537 thru #542 skipped due to houses	
369	543	443			538	20	906											30%						E.O.T. #906 Tape MKTs.	
SKIP	544	444			539	21												SKIP						VPs #544 + #545 skipped due to houses	
SKIP	545	445			540	22												SKIP							
370	546	446			541	23	907	windstrip										60db						B.O.T. #907 #900 10 sec ALL ones	
371	546	446			541	23												30%						Last half	
372	547	447			542	24												30%							
373	548	448			543	25												30%							
374	549	449			544	26												30%							
SKIP	550	450			544	27												SKIP							VPs #550 + #551 skipped due to well + BARN
SKIP	551	451			546	28												SKIP							
375	552	452			547	29												30%							
376	553	453			548	30												30%							
377	554	454			549	31												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		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	96			TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
378	555	455	---	550	32	907	48		missed sweep						5	8	30%	495		4	Washington Skagit Co.
SKIP	556	456	---	551	33												SKIP				VP's #556 thru 563 skipped due to houses
379	564	464	---	559	41												30%				
380	565	465	---	560	42												30%				
381	566	466	---	561	43												30%				
382	567	467	---	562	44												30%				
383	568	468	---	563	45	907											30%				E.O.T. #907 Tape MKTs.
384	569	469	---	564	46	908		WIND STRIP									60db				B.O.T. #908 #900 10sec ALLONES
385	569	469	---	564	46												30%				
386	570	470	---	565	47												30%				
387	571	471	---	566	48												30%				
388	572	472	---	567	49												30%				
389	573	473	---	568	23												30%	522			NOTE: Recorder move up between STAs #522 + #523
390	574	474	---	569	24												30%				
391	575	475	---	570	25												30%				
392	576	476	---	571	26												30%				
393	577	477	---	572	27												30%				
394	578	478	---	573	28												30%				
395	579	479	---	574	29												30%				
396	580	480	---	575	30												30%				
397	581	481	---	576	31	908											30%		4:10		E.O.T. #908 Tape MKTs.

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB.	PM.								
6834	6	7:00				Cloudy	Paved Rd	6	27	85	COCORP	D. MOORE	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				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE				
933	Pulse		1-6	sec		903	48		missed sweep									438	4	Washington Skagit Co.	
934/935	EINT		2-6	"														ARRIVED FIELD	8:00	4 Vib 15' vib starts 21' past flag, 110' spacing	
936/939	DRD		4-6	"																41.25 move up, 32 sec sweeps, 48 sec record, 8 sweeps, ALIAS 31.25 Hz, 10 → 32" sweep freq.	
953/954	Sum test		2-6	"																8ms sample rate	
960/461	NRS test		2-6	"															11:50	NOTE: STA #378 open due to dirt Rd. + STA. #432 open due to a driveway	
932	similarity		1-32	"																	
326	windstrip		1-48	sec	2				4ms sample rate ALIAS 62.5 Hz												
327	468	368	---	463	2										4	8	30%	12:10		NOTE: late start due to sims	
328	469	369	---	464	3										4	8	30%				
329	470	370	---	465	4												30%			First half	
330	471	371	---	466	5												30%			Last half	
331	472	372	---	467	6												30%				
332	473	373	---	468	7												30%				
333	474	374	---	469	8												30%				
skip	475	375	---	470	9												skip			VPs #475 thru #501 skipped because of the geometry - by client	
334	502	402	---	497	36	903		E.O.T. #903 tape MKTS									30%				
335	503	403	---	498	37	904		windstrip										60db			B.O.T. #904 #900 10sec AL ones
336	503	403	---	498	37													30%			
337	504	404	---	499	38													30%			
338	505	405	---	500	39													30%			
339	506	406	---	501	40													30%			
340	507	407	---	502	41													30%			
skip	508	408	---	503	42													skip			VPs #508 + #509 skipped due to rock slide
skip	509	409	---	504	43													skip			
341	510	410	---	505	44				1									30%			
342	511	411	---	506	45													30%			
343	512	412	---	507	46													30%			
344	513	413	---	508	47													30%			
345	514	414	---	509	48													30%			
346	515	415	---	510	49													30%			
347	516	416	---	511	4													30%	484		Recorder move up between STA #484 + #485
348	517	417	---	512	5	904		8 cont of parity on file #348										30%			E.O.T. #904 Tape MKTS.

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 6		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS Paved Rd		DATE MONTH 6 DAY 25 YEAR 85		CLIENT COCORP		OB D. MOORE		PM B. Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)			C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR 1	TR -	TR -				TR 48	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS						DRIVE
001	511	1	-	48	73	901	48								4	8	30%	504			Washington Skagit Co.		
002	513	1	-	48	73												30%				4 Vib 1st Vib 25' past flag, 30' spacing		
003	517	1	-	48	73												30%				20' move ups; 27.5' spacing RECIEVER		
004	521	1	-	48	73												30%				ARRAY; West ⁵⁰⁴ ₄₈ #48 open, ⁵⁰⁴ ₄₈ EAST		
005	523	1	-	48	73												30%				NOTE: Wave test		
006	527	1	-	48	73												30%						
007	511	1	-	48	73												30%				4 Vib 1st Vib 111' past flag, 170' spacing,		
008	513	1	-	48	73												30%				41.25 move up		
009	517	1	-	48	73												30%						
010	521	1	-	48	73												30%						
011	523	1	-	48	73												30%						
012	527	1	-	48	73	901											30%				E.O.T. 901 Tape MKTS.		

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 6	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Cloudy	TRAIL CONDITIONS Paved Rd.	DATE MONTH 6 DAY 24 YEAR 85	CLIENT EOCORP	OB D. Moore	PM B. Cassidy										
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)			C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR				TR	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS					DRIVE
933	Pulse		1-6	Sec		898	48															Washington Skagit Co.
934/935	EINT		2-6	"																		B.O.T. #898 #900 10sec ALL ones
936/939	DRD		4-6	"																		4 Vib 1 st vib starts 21' past flag, 110' spacing
953/954	Sum test		2-6	"																		Arrived Field
953/954	Sum test		2-6	"																		8:20
960/961	NRJ test		2-6	"																		41.25' move ups, 32 sec sweep, 48 sec record, 8 sweep, Alias 31.25 Hz, 10-32 sweep freq, 8ms sample rate
932	Similarity		1-32	"																		9:30
261	windstrip		1-48	sec	1																	5ms taken on line with camera
261	windstrip		1-48	sec	1																	4ms sample rate Alias 62.5 Hz
262	402	302		397	1																	4 8 30%
263	403	303		398	2																	30%
264	404	304		399	3																	30%
265	405	305		400	4																	30%
266	406	306		401	5																	30%
267	407	307		402	6																	30%
268	408	308		403	7																	30%
269	409	309		404	8																	30%
270	410	310		405	9																	30%
271	411	311		406	10																	30%
272	412	312		407	11	898																30%
273	413	313		408	12	899	windstrip															60db
274	413	313		408	12																	30%
275	414	314		409	13																	30%
276	415	315		410	14																	30%
277	416	316		411	15																	30%
278	417	317		412	16																	30%
279	418	318		413	17																	30%
280	419	319		414	18																	30%
281	420	320		415	19																	30%
282	421	321		416	20																	30%
283	422	322		417	21																	30%
284	423	323		418	22																	30%
285	424	324		419	23																	30%
286	425	325		420	24	899																30%
																					E.O.T. #899 Tape MKTs.	

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 6		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy		TRAIL CONDITIONS Paved Rd		DATE MONTH 6 DAY 24 YEAR 85		CLIENT COCORP		OB D. MOORE		PM B. Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR 1	TR -	TR -	TR 96				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					
287	426	326	---	---	421 25	900	48								4	8	60db					4	Washington Skagit Co. B.O.T. #900 #900 10sec ALL ones
288	426	326	---	---	421 25												30%						
289	427	327	---	---	422 26												30%						
290	428	328	---	---	423 27												30%						NOTE: STA #432 open due to driveway
291	429	329	---	---	424 28												30%						First half
SKIP	430	330	---	---	425 29												SKIP						UP #430 skipped due to house
292	431	331	---	---	426 30												30%						Last half
293	432	332	---	---	427 31												30%						Last half
294	433	333	---	---	428 32												30%						
295	434	334	---	---	429 33												30%						
296	435	335	---	---	430 34												30%						
297	436	336	---	---	431 35												30%						
298	437	337	---	---	432 36												30%						
299	438	338	---	---	433 37												30%						
300	439	339	---	---	434 38	900											30%						E.O.T. #900 Tape MKTs.
301	440	340	---	---	435 39	901											60db						B.O.T. #901 #900 10sec ALL ones
302	440	340	---	---	435 39												30%						
303	441	341	---	---	436 40												30%					4:35	

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 6	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR	TRAIL CONDITIONS Paved Rd	DATE MONTH 6 DAY 21 YEAR 85	CLIENT COCORP	OB D. Moore	PMO B. Cassidy								
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)			C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR 1	TR -	TR -				TR 96	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS				
933	Pulse		1-6	sec		895	48											319	4	Washington 5 flag B.O.T. #895 #900 10sec ALLONES
934/935	EWT		2-6	"																4 Vib 1st Vib starts 21' past flag, 110' spacing,
936/939	DRD		4-6	"																41.25' move ups, 32 sec sweep, 48 sec record,
937/954	Sum test		2-6	"																8 sweeps, Alias 31.25 Hz, 8ms sample rate,
960/961	NRS test		2-6	"																10 → 32 sweep freq
932	similarity		1-32	"																NOTE: STA #277 noisy due to a waterfall,
221	windstrip		1-48	sec	3															4ms sample rate Alias 62.5 Hz STA #378 open due to dirt rd
222	350	250	—	345	345	3														late start due to trouble shooting the line
223	351	251	—	346	4															
224	352	252	—	347	5															
225	353	253	—	348	6															
226	354	254	—	349	7															
227	355	255	—	350	8															
228	356	256	—	351	9															
229	357	257	—	352	10															
230	358	258	—	353	11															
231	359	259	—	354	12															
232	360	260	—	355	13	895														E.O.T. #895 Tape MKTS
233	361	261	—	356	14	896	windstrip													B.O.T. #896 #900 10sec ALLONES
234	361	261	—	356	14															
235	362	262	—	357	15															
236	363	263	—	358	16															
237	364	264	—	359	17															
238	365	265	—	360	18															
239	366	266	—	361	19															
240	367	267	—	362	20															
241	368	268	—	363	21															
242	369	269	—	364	22															
243	370	270	—	365	23															
SKIP	371	271	—	365	24															VP's #371 thru #378 skipped due to houses + barn +
244	379	279	—	374	32															bridges
SKIP	380	280	—	375	33															VP's #380 thru 386 skipped due to houses

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 FANPS or "K"	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE			
245	387	287	---	382	840	896	48		missed sweep						4	8	30%	319	4	Washington Skagit Co.
246	388	288	---	383	41	896											30%			E.O.T #896 Tape MK
247	389	289	---	384	42	897		windstrip									60%			B.O.T. #897 #900 10sec ALL ones
248	389	289	---	384	42												30%			
249	390	290	---	385	43												30%			
250	391	291	---	386	44												30%			
251	392	292	---	387	45												30%			
252	393	293	---	388	46												30%			
253	394	294	---	389	47												30%			
254	395	295	---	390	48												30%			
255	396	296	---	391	49												30%			
256	397	297	---	392	25												30%	344		NOTE: Move Recorder up between STA. #344 + #345
257	398	298	---	393	26												30%			
258	399	299	---	394	27												30%			
259	400	300	---	395	28												30%			
260	401	301	---	396	29	897											30%	4:00		E.O.T. #897 Tape MKTS

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 6	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR	TRAIL CONDITIONS PAVED Rd	DATE MONTH 6 DAY 20 YEAR 85	CLIENT COCORP	OB D. MOORE	PM B. Cassidy										
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)			C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR				TR	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS					DRIVE
933	PULSC		1-6	sec	9	891	48		missed Sweep										262	4	Washington Skagit Co.	
934/935	EINT		2-6	"																	B.O.T. #891 #900 10sec ALLONES	
936/939	DRD		4-6	"											Arrived Field				8:00		4 Vib 1st Vib starts 21' past flag, 110' spacing	
953/954	Sum test		2-6	"																	41.25' move up, 32 sec sweep, 48 sec record, 8 sweeps, Alias 31.25 Hz, 10 → 32 Hz sweep freq,	
960/961	NRS test		2-6	"																	8ms sample rate, NOTE: STA #218 open	
932	similarity		1-32	"																	due to driveway, STA #221 open due to bridge	
169	windstrip		1-48	sec	7																4ms sample rate Alias 62.5 Hz	
170	297	197	---	292	7																STA #239 open due to bridge	
171	298	198	---	293	8																Late starts due to trouble shooting at the	
172	299	199	---	294	9																Line	
173	300	200	---	295	10																NOTE: Road work being done next to	
174	301	201	---	296	11																Line. NOTE: BRUSH WORK BEING DONE	
175	302	202	---	297	12																outside of road next to LINE	
5/kip	303	203	---	298	13																First half	
176	307	207	---	302	17																VP's #303 thru #306 skipped due to barns	
177	308	208	---	303	18																Last half	
178	309	209	---	304	19																NOTE: STA #277 is noisy due to water	
179	310	210	---	305	20	891															fall	
180	311	211	---	306	21	892	windstrip														E.O.T. #891 Tape MKTS	
181	311	211	---	306	21																B.O.T. #892 #900 10sec ALLONES	
182	312	212	---	307	22																	
183	313	213	---	308	23																	
184	314	214	---	309	24																	
185	315	215	---	310	25																	
186	316	216	---	311	26																	
187	317	217	---	312	27																	
188	318	218	---	313	28																	
189	319	219	---	314	29																	
5/kip	320	220	---	315	30																	
190	321	221	---	316	31																	
191	322	222	---	317	32																	
192	323	223	---	318	33																	
																						VP #320 skipped due to bridge

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	MEMORY	SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR					SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
193	324	224	---	319	34	892	48								4	8	30%	262	4	Washington Skagit Co. E.O.T. #892 Tape MKTS
194	325	225	---	320	35	893		windstrip									60db			B.O.T. #893 #900 c 10sec ALL ones
195	325	225	---	320	35												30%			
196	326	226	---	321	36												30%			
197	327	227	---	322	37												30%			
198	328	228	---	323	38												30%			
199	329	229	---	324	39												30%			
200	330	230	---	325	40												30%			
201	331	231	---	326	41												30%			
202	332	232	---	327	42												30%			
203	333	233	---	328	43												30%			
204	334	234	---	329	44												30%			
205	335	235	---	330	45												30%			
206	336	236	---	331	46												30%			
207	337	237	---	332	47	893											30%			E.O.T. #893 Tape MKTS
208	338	238	---	333	36	894											60db	274		B.O.T. #894 #900 10sec ALL ones, Move recorder between STAs #274 + #275
209	338	238	---	333	36												30%			
210	339	239	---	334	37												30%			
211	340	240	---	335	38												30%			
212	341	241	---	336	39												30%			
213	342	242	---	337	40												30%			
214	343	243	---	338	41												30%			
215	344	244	---	339	42												30%			
216	345	245	---	340	43												30%			
217	346	246	---	341	44												30%			
218	347	247	---	342	45												30%			
219	348	248	---	343	46												30%			
220	349	249	---	344	47	894											30%	4:45		First half, E.O.T. #894 TAPE MKTS.

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

2EO-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									
8834	6	7:00				Clear	Paved Rd	6 19 85	COCORP	D. Moore	B. Cassidy									
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 1	TR -	TR -	TR 96		PAMPS or "K"	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE			
933	Pulse		1-6		sec	887	48		missed sweep									220	4	Washington Skagit Co.
934/935	EINT		2-6		"															4 Vib 1st Vib starts 21' past flag, 110'
936/939	DRD		4-6		"										Arrived Field			7:45		spacing, 41.25' moveups, 32sec sweep,
953/954	Sum		2-6		"															48sec record, 8sweeps, ALIAS 31.25Hz,
960/961	NRJ		2-6		"															10→32 sweep freq, 8ms samplerate
932	similarity		1-32		"														9:30	NOTE: STA. #218 open due to driveway, STA. #221
122	windstrip		1-48		sec	5			5ms take w/line with camera											4ms samplerate ALIAS 62.5Hz
123	253	153	---		248	5									4	8	30%	9:55		NOTE: Late start due to trouble shooting
124	254	154	---		249	6											30%			the line
125	255	155	---		250	7											30%			
126	256	156	---		251	8	887										30%			E.O.T. #887 Tape MKTs
127	257	157	---		252	9	888	windstrip									60%			B.O.T. #888 #900 10sec ALLOnes
128	257	157	---		252	9											30%			
129	258	158	---		253	10											30%			
130	259	159	---		254	11											30%			
131	260	160	---		255	12											30%			
132	261	161	---		256	13											30%			
133	262	162	---		257	14											30%			First half
SKIP	263	163	---		258	15											SKIP			UP #263 skipped due to bridge
134	264	164	---		259	16											30%			
135	265	165	---		260	17											30%			
136	266	166	---		261	18											30%			
137	267	167	---		262	19											30%			
138	268	168	---		263	20											30%			
139	269	169	---		264	21											30%			
140	270	170	---		265	22	888										30%			Last half, E.O.T. #888 Tape MKTs
141	271	171	---		266	23	889	windstrip									60%			B.O.T. #889 #900 10sec ALLOnes
142	271	171	---		266	23											30%			
143	272	172	---		267	24											30%			
144	273	173	---		268	25											30%			
145	274	174	---		269	26											30%			
146	275	175	---		270	27											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		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE				
6834	6	7:00													6	19	85	COCORP	D. MOORE	B. Cassidy	Washington Skagit Co.
147	276	176	-	271	28	889	48		missed sweep						4	8	30%	220	4		
148	277	177	-	272	29												30%				NOTE: STA #277 is noise because of water
149	278	178	-	273	30												30%				FALL
150	279	179	-	274	31												30%				
151	280	180	-	275	32												30%				
152	281	181	-	276	33												30%				
153	282	182	-	277	34												30%				
154	283	183	-	278	35	889											30%				E.O.T. #889 TAPE MKTS
155	284	184	-	279	36	890		windstrip									60db				B.O.T. #890 #900 10sec ALL ones
156	284	184	-	279	36												30%				
157	285	185	-	280	37												30%				
158	286	186	-	281	38												30%				
159	287	187	-	282	39												30%				
160	288	188	-	283	40												30%				
161	289	189	-	284	41												30%				NOTE: Standby vib down #25874
162	290	190	-	285	42												30%				due to busted oil ring
163	291	191	-	286	43												30%				
164	292	192	-	287	44												30%				
165	293	193	-	288	45												30%				
166	294	194	-	289	46												30%				
167	295	195	-	290	47												30%				
168	296	196	-	291	48	890											30%	4:40			E.O.T. #890 Tape MKTS

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM							
6834	6	7:00				CLEAR	Paved Rd	6	18	85	COCORP	D. Moore	B. Cassidy							
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)		C. D. P.	DIGITAL REEL NO.	GAIN	PARITY		SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	POSITION		RAMP or "K"	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE				
933	Pulse		1-6	Sec	885	48		Missed sweep									145	4		Washington Skagit Co.
934/935	EINT		2-6	"																4 Vib 1 st vib starts 21' past flag,
936/934	DRD		4-6	"									ARRIVED	Field			7:30			110' spacing, 41.25' move up, 32 sec sweep
953/954	Sum test		2-6	"																48 sec record, 8 sweep, ALIAS 31.25 Hz,
960/961	NRS test		2-6	"																10 → 32 sweep freq, 8ms sample rate
932	similarity		1-32	"														8:25		
089	windstrip		1-48	Sec	5															8ms sample rate alias 62.5 Hz
090	178	78	---	173	5									4	8	30%		8:45		First half
SKIP	179	79	---	179	6															VP's #179 thru #190 skipped due to houses + barns
091	191	91	---	186	18															Last half
092	192	92	---	187	19															
093	193	93	---	188	20															
094	194	94	---	189	21															
095	195	95	---	190	22															
SKIP	196	96	---	191	23															VP's #196 thru #208 skipped due to houses + barns
096	209	109	---	204	136															Last half
SKIP	210	110	---	205	37															VP's #210 thru #218 skipped due to houses + barns
097	219	119	---	214	2															NOTE: Move Recorder up to #190 + 191
SKIP	220	120	---	215	2															VP's #220 thru #224 skipped due to houses + bridges
098	225	125	---	220	8															
099	226	126	---	221	8															
100	227	127	---	222	9	885	E.D.T. #885	TAPE MKTS												
101	228	128	---	223	10	886	WINDSTRIP													
102	228	128	---	223	10															
103	229	129	---	224	11															
SKIP	230	130	---	225	12															First half
104	235	135	---	230	17															VP's #130 thru #134 skipped due to houses
105	236	136	---	231	18															
106	237	137	---	232	19															
107	238	138	---	233	20															
SKIP	239	139	---	234	21															First half
108	240	140	---	235	22															VP #239 skipped due to a bridge

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 6		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS Paved Rd		DATE MONTH 6 DAY 18 YEAR 85		CLIENT EOCORP		OB D. MOORE		PM B. Cassidy		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)			C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	-TR-				TR	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS						DRIVE	
109	241	141	—	236	23	886	48									4	8	30%	190				4	Washington Skagit Co.
110	242	142	—	237	24													30%						
111	243	143	—	238	25													30%						
112	244	144	—	239	26													30%						
113	245	145	—	240	27													30%						
114	246	146	—	241	28	886												30%						E.I.O.T. #886 TAPE MIC'S
115	247	147	—	242	29	887	windstrip											60%						B.O.T. #887 #900 10sec ALLOWES
116	247	147	—	242	29													30%						
117	248	148	—	243	30													30%						
118	249	149	—	244	31													30%						
119	250	150	—	245	32													30%						
120	251	151	—	246	33													30%						
121	252	152	—	247	34													30%	4:45					

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 6		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy		TRAIL CONDITIONS Paved Rd		DATE MONTH 6 DAY 15 YEAR 85		CLIENT COCORP		OB D. MOURE		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
933	Pulse		1-6	sec		879	48		missed sweep	B.O.T.	#879	#900	10sec	ALLZones				71		Washington	5 Skagit Co.		
934/935	EINT		2-6	"																4 vibs 1st starts 32' past flag, 75' spacing			
936/939	DRD		4-6	"										ARRIVED Field			8:00			41-25 move ups, 32 sec sweep, 48 sec record, ALIAS 31.25Hz, 10 → 32 sweep freq			
953/954	Sum	test	2-6	"																8ms sample rate, 85 sweeps			
960/961	NRJ	test	2-6	"																NOTE: Sims taken after freq change by Client			
932	SIMILARITY		1-32	"				Sims taken online with camera									10:30			NOTE: windstrip taken after freq change by Client			
021	WINDSTRIP		1-48	"				4ms sample rate ALIAS 62.5Hz												NOTE: Client rep chang sweep freq + ALIAS			
001	38	1	33	42	96	2								4	8	30%		8:26		NOTE: 10 → 60 Hz sweep freq, ALIAS 62.5Hz			
002	39	1	34	43	96	2										30%				NOTE: Client rep chang sweep freq + ALIAS			
003	38	1	33	42	96	2										30%				NOTE: 20 → 60 Hz sweep freq, ALIAS 62.5Hz			
004	39	1	34	43	96	2	879			E.O.J. #879 tape Mkts						30%				NOTE: STA's #38 + #39 redone for test by client rep.			
005	176	1	—	48	72	879	882							1	3	30%				NOTE: Wave test			
006	180	1	—	48	72									2	4	30%				NOTE: Vibs bumper to bumper			
007	183	1	—	48	72									2	6	30%				<div style="display: flex; justify-content: space-between; align-items: center;"> W — E </div>			
008	186	1	—	48	72									2	6	30%				<div style="display: flex; justify-content: space-between; align-items: center;"> 48 — 9 </div>			
009	191	1	—	48	72		882							2	6	30%				<div style="display: flex; justify-content: space-between; align-items: center;"> 48 — 9 </div>			
<p>Files: 005 thru 009 TAPE HEADERS WILL READ REEL # 882</p>																							

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 6	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR	TRAIL CONDITIONS Paved Rd	DATE MONTH 6 DAY 15 YEAR 85	CLIENT COCORP	OB D. Moore	PM B. Cassidy											
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY			SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					
043	101	3	—	98	4	881	48										4	8	30%	71			Washington Skagit Co.
044	102	4	—	99	5														30%				NOTE: 3 sta. GAP
SKIP	103	5	—	100	6														SKIP				First half
045	104	6	—	101	7														30%				UP #103 skipped due to house
046	105	7	—	102	8														30%				First half
047	106	8	—	103	9	881													30%				End of the LF #881 Tape MKTS
SKIP	107	9	—	104	10														SKIP				VP's #107 thru 111 skipped due to houses
048	112	14	—	109	15	882	windstrip												60db				B.O.T. #882 #900 10sec Allowes
049	112	14	—	109	15													4	30%				
SKIP	113	15	—	110	16														SKIP				VP's #113 thru #115 skipped due to houses
SKIP	114	16	—	111	17														SKIP				
SKIP	115	17	—	112	18														SKIP		3:30		

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										
		6834	6	7:00				Cloudy	Paved Rd.	6	14	85	COCORP	D. Moore	R. 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				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE								
933	Pulse		1-6	sec		877	48		missed sweep	B. O. T.	#8	#77	#900	10sec	ALLONES				41					Washington, Skagit Co.	
934/935	EINT		2-6	"																				4 vibs 1st start 32' past flag, 75' spacing	
936/939	DRD		4-6	"																				41.25' move ups, 32 sec sweep, 48 sec record	
953/954	Sum test		2-6	"																				Alias 31.25 Hz, 10 → 32 sweep freq	
960/961	NRS test		2-6	"																				8ms sample rate	
932	Similarity		1-32	"																				NOTE: 7 STA. GAP shooting every other one	
001	windstrip		1-48	sec	32																			NO SIMILARITY ON TAPE 4ms sample rate ALIAS 62.5 Hz UP to 96	
002	1	1	---	96	32										4	8	50%							NOTE: Late start due to Lkg. on line	
003	3	1	---	96	32												50%							NOTE: STA. #7 open due to bridge	
004	4	1	---	96	32												50%							NOTE: STILL Lkg. on line	
Skip	5	1	---	96	32																			UP's #5 thru #13 skipped due to houses	
005	15	1	---	96	32											4	30%							Last half	
006	15	1	---	96	32												30%								
007	17	1	---	96	32												30%							Last half	
008	18	1	---	96	32												30%								
Skip	19	1	---	96	32																				UP's #19 thru #24 skipped due to houses
009	25	1	21 29	96	32												30%								
010	26	1	22 30	96	32												30%								
011	27	1	23 31	96	32												30%								
012	28	1	24 32	96	32	877											30%							E.O.T. #877 Tape MKTS	
013	28	1	24 32	96	32	878		windstrip									60db							B. O. T. #878 #900 10sec ALLONES	
014	29	1	25 33	96	32												30%							First half	
Skip	30	1	26 34	96	32																				UP's 30+31 skipped due to house + barn
Skip	31	1	27 35	96	32																				
015	32	1	28 36	96	32												30%								Last half
016	33	1	29 37	96	32												30%								NOTE: division Supervisor + Technician +
017	34	1	30 38	96	32												30%								CLIENT REP.
018	35	1	31 39	96	32												30%								
019	36	1	32 40	96	32												30%								
020	37	1	32 41	96	32	878											30%								E.O.T. 878 Tape MKTS



GEO-211-C

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

GENERAL

Crew No. 6834 Contract No. 799
 Client COCORP
 Area Washington
 Country Washington
 County Skagit
 Concession Washington
 State Washington
 Party Mgr. B. Cassidy OB/J.O.D. Moore
 Line No. 6 Date Start of Line 6-14-85
 Sta. Int. 330' Feet Meters Fold 48%
 Spread Dimensions 1-96 → 1320' SP.
 VP's Increase N E S W
 W → E

GEOPHONES

Manufacture MD-100' Array Length 322'
 Frequency 8 Hz Array Width inline
 No. per string 2-12 Array Across Between Sta
 per trace 24 total Centered
 Separation Ser Par Coil Res. 335 ohms
 String Connected String Phone
 Shunt Res.
 Connected at Sta Ser Par Separation between elements in the array 14.34'
 14'

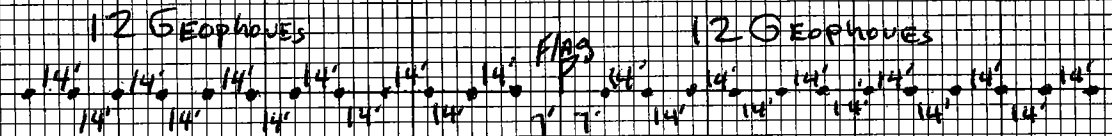
RECORDING SYSTEM
 Type: MDS-10
 Format: Seq-B
 No. of Channels: 96
 Sample Rate: 8MS
 Record Length: 48 SEC
 BPI: 800
 Low-Cut Filter Freq: OUT
 Slope: OUT
 High-Cut Filter Freq: NAIS 31.25 Hz
 Slope: OUT
 Static Filter In Out
 Notch Filter In Out
 60 Hz
 UH Ch. Wireline On Tape N/A
 On Tape Radio On Tape N/A
 Sweep Ch. AUX #2 GALVO B50
 On Tape AUX #4 GALVO S2

ENERGY SOURCE
 Type: Y-1100 5 Vibs
 Manufacturer: GEORGE Faling
 Source Control: RCV-310

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

Surface Source
 Array Length: 489' Feet Meters
 No. of drops, sweeps, etc. in array: 8
 Sweep Freq: 10 → 32 Hz
 Sweep Length: 32 SEC
 Unit Separation: 82.5' Feet Meters
 Unit Moveup: 41.25' Feet Meters
 Array Centered: Across Sta Between Sta

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



(VIB) (VIB) (VIB) (VIB) 82.5' (VIB)

5 Vibs 82.5' spacing
1st VIB starts 21' past flag,
41.25' MOVE UPS
8 SWEEPS
4 STA OFFSET
32 SEC SWEEP
48 SEC RECORD
4 STA OFFSET

(VIB) 110' (VIB) (VIB) (VIB)

4 Vibs
1st VIB starts 21' past flag,
SPACING 110'
MOVE UPS 41.25'

REMARKS: Air Gun Delay, etc.

VARI SOURCE USED Yes No Invalid Channels: