



## OBSERVER REPORT PETTY-RAY GEOPHYSICAL

PAGE 1 OF 2 PAGES

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										
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P.	DIGITAL	GAIN	PARITY			SHOOTING			SUR. SOURCES			INST.	TIME	STA.	REMARKS		
		TR	L	TR	TR	TR	REEL NO.	PAMPS or "K"	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE	SET UP	DAY		OFFSET TO LINE	
900	ALL ONES				1-6 SEC	442	48			misses sweets	B.O.T. #442					5	8		787/788		4	ARIZONA MOHAVE	5 VIBS 100' SPACING 1ST VIB 56' PAST FLAG
933	PULSE				1-6 SEC																9:15		IN LINE 8 SWEETS 41.25' MOVE UP
934/935	EINT				2-6 SEC																		12-48 HZ SWEEP FREE 26 SEC SWEETS
934/939	DRD				4-6 SEC																		42 SEC RECORD LENGTH 4 MS SAMPLE RATE
953/954	SUM				2-6 SEC																		62.5 HZ ALIAS FREE VIBS ON DIET ROAD
960/961	NRT				2-6 SEC																		STA 778 THRU 798 NOISY DUE TO TOWN OF
932	SIMILARITY				1-6 SEC																10:15		Wiki Eup Az. + Big Sandy RIVER + ISO HEAVY TRAFFIC ON HI WAY # 93
731	Windstrip				1.42 SEC																		TRAFFIC ON HI WAY # 93
732	726	730			825	15																	STA # 832 OPEN DUE TO CATTLE FEEDING AREA
733	727	731			826	16																	
734	728	732			827	17																	
735	729	733			828	18																	
736	730	734			829	19																	
737	731	735			830	20																	
738	732	736			831	21																	
739	733	737			832	22	442																EOT # 442 TAPE MARKS
740	734	738			833	23	443																BOT # 443
741	735	739			834	24																	
742	736	740			835	25																	
743	737	741			836	26																	
744	738	742			837	27																	
745	739	743			838	28																	
746	740	744			839	29																	
747	741	745			840	30																	
748	742	746			841	31																	
749	743	747			842	32																	
750	744	748			843	33																	
751	745	749			844	34																	
752	746	750			845	35																	
753	747	751			846	36																	
754	748	752			847	37																	
755	749	753			848	38	443																EOT # 443 TAPE MARKS

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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/LOGGERS	PMB 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	TR	TR	TR			TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					
756	750	754			849	39	444	48							5	8	50%	781/782			4	BOT 444
757	751	755			850	40											50%					STA # 850 EOL # 5
758	753	755			850	40											50%					VIBS WILL BE SHAKING ON LIVE STA
759	755	755			850	40											50%					THRU SPREAD, CDP WILL NOT CHANGE
760	757	755			850	40											50%					VIBS WILL BE SHAKING EVERY OTHER ONE
761	759	755			850	40											50%					UP TO 780. AFTER THAT EVERY ONE
762	761	755			850	40											50%					POSSIBLE.
763	763	755			850	40											50%					
764	765	755			850	40											50%					
765	767	755			850	40											50%					
766	769	755			850	40											50%					
767	771	755			850	40											50%					
768	773	755			850	40											50%					
769	775	755			850	40											50%					
770	777	755			850	40											50%					
771	779	755			850	40	444										50%					EOL # 444 TAPE MARKS
772	780	755			850	40	445										30%					BOT # 445 1ST HALF
773	WIND STRIP				850	40											30%					2ND HALF
774	792	755			850	40											30%					VPs 781 THRU 791 SKIPPED
775	793	755			850	40											30%					FOR WIKIEUP AZ. (HOUSES WELLS ETC)
776	796	755			850	40											30%					VP# 794+795 SKIPPED DUE TO A HOUSE
777	797	755			850	40											30%			430		



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 2834		LINE NO. 5	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR COOL	TRAIL CONDITIONS DIRT ROAD	DATE MONTH 4 DAY 4 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	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS					DRIVE				
900		ALL ONES				1-6 SEC	436	48												ARIZONA MOJAVE				5 VIBS 100' SPACING 1ST VIB 56' PAST FLAG		
933		PULSE				1-6 SEC																		ARRIVE FIELD	10:15	10 LINE 8 SWEEPS 41.25' MOVE UP
934/935		EINT				2-6 SEC																			12-48 SWEEP FREQ 26 SEC SWEEP	
936/939		DRD				4-6 SEC																			42 SEC RECORD LENGTH 4 MS SAMPLE RATE	
953/954		SUM				2-6 SEC																			625 Hz ALIAS FREQ VIBS ON DIRT ROAD	
960/961		NRT				2-6 SEC																				
932		SIMILARITY																								SIMS TAKEN WITH CAMERA AT VIBS 30%
664		WIND STRIP				1																				60db
665	663	667			762	1																				50%
666	664	668			763	2																				50%
667	665	669			764	3																				50%
668	666	670			765	4																				50%
669	667	671			766	5	436																			50%
670	668	672			767	6	437																			50%
671	669	673			768	7																				50%
672	670	674			769	8																				50%
673	671	675			770	9																				50%
674	672	676			771	10																				50%
675	673	677			772	11																				50%
676	674	678			773	12																				50%
677	675	679			774	13																				50%
678	676	680			775	14																				50%
679	677	681			776	15																				50%
680	678	682			777	16																				50%
681	679	683			778	17																				30%
SKIP	680	684			779	18																				SKIP
682	681	685			780	19																				30%
683	682	686			781	20																				50%
684	683	687			782	21																				50%
685	684	688			783	22	437																			50%
686	685	689			784	23	438																			50%
687	686	690			785	24																				50%

1ST HALF  
WATER WELL  
2ND HALF

EOT # 437 TAPE MARKS  
BOT # 438



# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 5		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR COOL		TRAIL CONDITIONS DIRT ROAD		DATE MONTH 4 DAY 3 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 OF "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					
900	ALL ONES					1-6 SEC	433	48								5	8		689/690		4	5 VIBS 100' SPACING	1ST VIB 56' PAST FLAG
933	PULSE					1-6 SEC									ARRIVE	FIELD				9:00		IN LINE 8 SWEEPS	41.25' MOVE UP
934/935	EINT					2-6 SEC																12-48 SWEEP FREQ	26 SEC SWEEP
934/939	DRD					4-6 SEC																42 SEC RECORD LENGTH	4 MS SAMPLE RATE
933/954	SUM					2-6 SEC																62.5 HZ ALIAS FREQ	VIBS ON DIRT ROAD
960/961	NRT					2-6 SEC																	
932	SIMILARITY																			9:45			
615	WIND					STRIP #2																	
616	615	619				714	2									8	50%		10:00				
617	616	620				715	3										50%					FILE 617 NO GOOD PARITY	
618	616	620				715	3										50%						
619	617	621				716	4										50%						
620	618	622				717	5										50%						
621	619	623				718	6										50%						
622	620	624				719	7	433									50%					EOT # 433	TAPE MARKS
623	621	625				720	8	434									50%					BOT # 434	
624	622	626				721	9										50%						
625	623	627				722	10										50%						
626	624	628				723	11										50%						
627	625	629				724	12										50%						
628	626	630				725	13										50%						
629	627	631				726	14										50%						
630	628	632				727	15										50%						
631	629	633				728	16										50%						
632	630	634				729	17										50%						
633	631	635				730	18										50%						
634	632	636				731	19										50%						
635	633	637				732	20										50%						
636	634	638				733	21										50%						
637	635	639				734	22										50%						
638	636	640				735	23	434									50%					EOT # 434	TAPE MARKS
639	637	641				736	24	435									50%					BOT # 435	

# 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	5	7:00				CLEAR COOL	DIRT ROAD	4	3	86	EXCORP	Foreman/Inore	BINNS												
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	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE									
640	638	642			737	25	435	48									5	8	50%	89/690		4					
641	639	643			738	26													50%								
642	640	644			739	27													50%								
643	641	645			740	28													50%								
644	642	646			741	29													50%								
645	643	647			742	30													50%								
646	644	648			743	31													50%								
647	645	649			744	32													50%								
648	646	650			745	33													50%								
649	647	651			746	34													50%								
650	648	652			747	35													50%								
651	649	653			748	36													50%								
652	650	654			749	37													50%								
653	651	655			750	38													50%								
654	652	656			751	39	435												50%						EOT # 435 TAPE MARKS		
SKIP	653	657			752	40	436												SKIP							BOT # 436	
SKIP	654	658			753	41													SKIP							UPs # 653 + 654 Skipped due to a WATER WELL	
655	655	659			754	42													30%							2ND HALF	
656	656	660			755	43													30%								
657	657	661			756	44													50%								
658	658	662			757	45													50%								
659	659	663			758	46													50%								
660	660	664			759	47													50%								
661						48													60db								WIND TEST STRIP
662	661	665			760	48													50%								
667	662	666			761	49													50%				4:20				









# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 5	LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR COOL	TRAIL CONDITIONS DIRT ROAD	DATE MONTH 3 DAY 27 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	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE				
539	540	544			639	24	428	48									5	8	50%	592	4	
540	541	545			640	25													50%			
541	542	546			641	26													50%			
542	543	547			642	27													50%			
543	544	548			643	28													50%			
544	545	549			644	29													50%			
545	546	550			645	30													50%			
546	547	551			646	31	428												50%			EOT #428 TAPE MARKS
547	548	552			647	32	429												50%			BOT #429
548	549	553			648	33													30%			1ST HALF
Sk:p	550	554			649	34													Sk:p			VP # 550+551 SKIPPED DUE TO A WELL
Sk:p	551	555			650	35													Sk:p			
549	552	556			651	36													30%			2nd half
550	553	557			652	37													50%			
551	554	558			653	38													50%			
552	555	559			654	39													50%			
553	556	560			655	40													50%			
554	557	561			656	41													50%			
555	558	562			657	42													50%			
556	559	563			658	43													60%			
557	560	564			659	44													50%			
558	561	565			660	45													50%			
559	562	566			661	46													50%			
560	563	567			662	47													50%			
561	564	568			663	48													50%			<del>EOT #429 TAPE MARKS</del>
562	565	569			664	49	429												50%	3:45		EOT # 429 TAPE MARKS

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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	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					
488	492	496			591	25												50%	543		4		
489	493	497			592	26												50%					
490	494	498			593	27												50%					
491	495	499			594	28												50%					
492	496	500			595	29												50%					
493	497	501			596	30												50%					
494	498	502			597	31												50%					
495	499	503			598	32												50%					
496	500	504			599	33												50%					
497	501	505			600	34												50%					
498	502	506			601	35												50%					
499	503	507			602	36	425											50%					EOT # 425
500	504	508			603	37	426											50%					TM'S
501	505	509			604	38												50%					BOT # 426
502	506	510			605	39												50%					
503	507	511			606	40												50%					
504	508	512			607	41												50%					
505		513			608	42		WIND STRIP										60db					
506	509	513			608	42												50%					
507	510	514			609	43												50%					
508	511	515			610	44												50%					
509	512	516			611	45												50%					
510	513	517			613	46												50%					
511	514	518			614	47												50%					
512	515	519			615	48												50%					
513	516	520			616	49												50%			4:30		



# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 5		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR & COOL		TRAIL CONDITIONS DIRT RD		DATE MONTH 3 DAY 25 YEAR 86		CLIENT COCORP		OB MOORE		PM McClellan		
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 2				TAPE	MEMORY MISSED SWEEPS	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE						
900	ALLOWES		1-6		SEC		420	48																Az - Mohave Co.
933	PULSE		1-6		"																			5 Vib 100 spacing 1st Vib starts 56' past flag in line
934/935	FINV		2-6		"																			8 SWEEPS 41.25' MOVE UPS 12 X 18 Hz SWEEP TRK 26
934/934	DRD		4-6		"										ARRIVE field									SEC SWEEP 42 SEC RECORD LENGTH 4ms SAMPLE RATE
953/954	SUM		2-6		"																			Alms 62.5 Hz Vib on 4 dirt rd.
960/961	NRJ		2-6		"																			STA # 482 OPEN DUE TO A DRIVE WAY
932	Similarity		1-26		"																			Sim TAKEN THRU LIVE WITH CAMERA
413	Windstrip		1-42		"	1																		30%
414	419	423				518	1																	60%
415	420	424				519	2																	50%
416	421	425				520	3																	50%
417	422	426				521	4																	50%
418	423	427				522	5																	50%
419	424	428				523	6																	50%
420	425	429				524	7	420																E.O.T. # 420 TAPE MKTS
421	426	430				525	8	421																B.O.T # 421
422	427	431				526	9																	50%
423	428	432				527	10																	50%
424	429	433				528	11																	50%
425	430	434				529	12																	50%
426	431	435				530	13																	50%
427	432	436				531	14																	50%
428	433	437				532	15																	50%
429	434	438				533	16																	50%
430	435	439				534	17																	50%
431	436	440				535	18																	50%
432	437	441				536	19																	30%
Skip	438	442				537	20																	1st half
433	439	443				538	21																	UP # 438 SKIPPED DUE TO A WATER WELL
434	440	444				539	22																	2nd half
435	441	445				540	23																	50%
436	442	446				541	24	421																E.O.T. # 421 TAPE MKTS

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 5		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR+COOL		TRAIL CONDITIONS DIRT RD		DATE MONTH 3 DAY 25 YEAR 86		CLIENT COCORP		OP MOORE		BY McCLELLAN	
.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		
		TR1	TR	TR	TR2				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS					DRIVE	
437	443	447			542	25	422	48								5	8	50%	494		4	B.O.T. 422	
438	444	448			543	26												50%					
439	445	449			544	27												50%					
440	446	450			545	28												50%					
441	447	451			546	29												50%					
442	448	452			547	30												50%					
443	449	453			548	31												50%					
444	450	454			549	32												50%					
445	451	455			550	33												50%					
446	452	456			551	34												50%					
447	453	457			552	35												50%					
448	454	458			553	36												50%					
449	455	459			554	37												50%					CATTLE ON LINE AROUND STA 420 making a lot of noise
450	456	460			555	38												50%					
451	457	461			556	39												50%					
452	458	462			557	40	422											50%					E.O.T.# 422-TAPE MKTS
453	459	463			558	41	423											50%					B.O.T.# 423
454	460	464			559	42												50%					
455	461	465			560	43												60%					Windstrip
456	461	465			560	43												50%					
457	462	466			561	44												50%					
458	463	467			562	45												50%					
459	464	468			563	46												50%					
460	465	469			564	47												50%					
461	466	470			565	48												50%					CHANGED TO 8 → 32 hz SWEEP FREQ.
462	467	471			566	49												50%			4:30		AS REQUESTED BY LARRY BROWN FOR SWEEP TEST

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 2834		LINE NO. 5		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER cloud + cool		TRAIL CONDITIONS dirt rd		DATE MONTH 3 DAY 24 YEAR 86		CLIENT COCORP		OB MOVIE		PM C/E/BAW				
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 4				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE								
900	ALLOWES		1	6	SEC		417	48																	5 Vib. 100' spacing, 1st Vib starts 56' past flag inline	
933	PULSE		1	6	"																				8 sweeps 4.25' move ups 12 → 48 Hz SWEEP FREQ. 26	
934/935	EINT		2	6	"																				SEC-SWEEP 42 SEC RECORD LENGTH 4ms SAMPLE RATE	
936/939	DRD		4	6	"																				ARRIVE field 9:00	
953/954	SUM		2	6	"																					
960/961	URS		2	6	"																					
932	SIMILARITY		1	26	"																				Sims taken thru line with camera 5 1 30% 9:45	
359	Windstrip		1	42	"	240																			60db	
360	367	371				466	240																			8 30% 10:00 2nd half
361	368	372				467	1																			50%
362	369	373				468	2																			50%
363	370	374				469	3																			50%
364	371	375				470	4																			50%
365	372	376				471	5																			50%
366	373	377				472	6																			50%
367	374	378				473	7																			50%
368	375	379				474	8																			50%
369	376	380				475	9																			50%
370	377	381				476	10																			50%
371	378	382				477	11																			50%
372	379	383				478	12																			50%
373	380	384				479	13																			50%
374	381	385				480	14																			50%
375	382	386				481	15																			50%
376	383	387				482	16																			50%
377	384	388				483	17																			50%
378	385	389				484	18																			50%
379	385	389				484	18																			50%
380	386	390				485	19																			50%
381	387	391				486	20																			50%
382	388	392				487	21																			50%
383	389	393				488	22																			50%

F.O.T. # 417 TAPE MKTS  
B.O.T. # 418

St # 482 open due to a paved driveway

1  
Windstrip

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6234		LINE NO. 5		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER cloudy + cool		TRAIL CONDITIONS Dirt Rd		DATE MONTH 3 DAY 24 YEAR 80		CLIENT COCORP		OB MOORE		PM Mc GILLIEM	
FACE 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 96				TR	TAPE	MEMORY RISES SWEEP	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS					DRIVE	
384	390	394			439	23	418	48							5	8	50%	443			4		
385	391	395			490	24											50%						
386	392	396			491	25											50%						
387	393	397			492	26											50%						
388	394	398			493	27											50%						
399	395	399			494	28	418										50%					E.O.T. # 418 TAPE MKTS	
390	396	400			495	29	419										50%					B.O.T. # 419	
391	397	401			496	30											50%						
392	398	402			497	31											50%						
393	399	403			498	32											50%						
394	400	404			499	33											50%						
395	401	405			500	34											50%						
396	402	406			501	35											50%						
397	403	407			502	36											50%						
398	404	408			503	37											50%						
399	405	409			504	38											50%						
400	406	410			505	39											50%						
401	407	411			506	40											50%						
402	408	412			507	41											50%						
403	409	413			508	42											50%						
404	410	414			509	43											50%						
405	411	415			510	44	418										50%					E.O.T. # 419 TAPE MKTS.	
406	412	416			511	45	420										50%					B.O.T. # 420	
407	413	417			512	46											50%						
408	414	418			513	47											50%						
409	415	419			514	48											50%						
410	416	420			515	49											50%						
411	417	421			516	50											50%						
412	418	422			517	51											50%					4:20	



# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 5	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR	TRAIL CONDITIONS DIRT ROAD	DATE MONTH 3 DAY 21 YEAR 86	CLIENT COCORP	OB FOREMAN/MORE	PM MCHILLAN												
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						
329	335	339			434	11	414	48								5	8	50%	400		+	EOT 414	TAPE MARKS	
330	336	340			435	12	415											50%					BOT 415	
331	337	341			436	13												50%						
332	338	342			437	14												50%						
333	339	343			438	15												50%						
334	340	344			439	16												50%						
335	341	345			440	17												50%						
336	342	346			441	18												50%						
337	343	347			442	19												50%						
338	344	348			443	20												50%						
339	345	349			444	21												50%						
340	346	350			445	22												50%						
341	347	351			446	23												50%						
342	348	352			447	24												50%						
343	349	353			448	25												50%						
344	350	354			449	26												50%						
345	351	355			450	27	415											50%					EOT 415	TAPE MARKS
346	352	356			451	28	416											50%					BOT 416	
347	353	357			452	29												50%						
348	354	358			453	30												50%						
349	355	359			454	31												60%						
350	356	360			455	32												50%						
351	357	361			456	33												50%						
352	358	362			457	34												60db						
353	358	362			457	34												50%						
354	359	363			458	35												50%						
355	360	364			459	36												50%						
356	361	365			460	37												50%						
357	362	366			461	38												50%						
358	363	367			462	39	416											30%					EOT #416	TAPE MKTS
Skip	364	368			463	40												Skip						VPs # 364 thru 366 skipped due to a
Skip	366	370			465	42												Skip						GENERATOR + HIGH PRESSURE PIPE LINE



OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB.	PM								
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING			SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR	TR	TR	TR			TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE				
271	276	280			375	1	411	48k	SUCCESS						5	8	50%	351	4		Arizona, Mohave Co
272	277	281			376	2											50%				wind blast
273	278	282			377	3											50%				sta # 365-346 generator station
274	279	283			378	4											50%				wind blast
275	280	284			379	5			wind strip								50%				
276	280	284			379	5											50%				
277	281	285			380	6											50%				
278	282	286			381	7											50%				
279	283	287			382	8											50%				
280	284	288			383	9											50%				
281	285	289			384	10											50%				
282	286	290			385	11	411										50%				E.O.T. # 411 Tape marks
283	287	291			386	12	412										50%				B.O.T. # 412
284	288	292			387	13											50%				
285	289	293			388	14											50%				
286	290	294			389	15											50%				
287	291	295			390	16											50%				
288	292	296			391	17											50%				
289	293	297			392	18											50%				
290	294	298			393	19											50%				
291	295	299			394	20											50%				
292	296	300			395	21											50%				
293	297	301			396	22											50%				
294	298	302			397	23											50%				
295	299	303			398	24											50%				
296	300	304			399	25											50%				
297	301	305			400	26											50%				
298	302	306			401	27	412										50%				E.O.T. # 412 Tape marks
299	303	307			402	28	413										50%				B.O.T. # 413
300	304	308			403	29											30%				1st half low drive
Skip	305	309			404	30											Skip				1st half low drive
301	308	312			407	33											30%				last half low drive



# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D		CREW NO. 6834	LINE NO. 5	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Windy CLEAR+COOL	TRAIL CONDITIONS DIRT+R.L.	DATE MONTH 3 DAY 19 YEAR 86	CLIENT COCORP	OB FOREMAN/MCGRATH	McClennan								
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 4				TAPE	MEMORY MISSES	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS				
900	All ones		1	6	SEC	406	48									253	4	Az. Mohave co.	5 Vibrs 100 spacing 1st Vib starts 56' past 6 mag in line		
933	Pulse		1	6	"														8 sweeps 41.25' move ups 12748 Hz SWEEP AREA - 26		
934/935	Einr		2	6	"														SEC SWEEP 42 SEC RECORD length 4ms SAMPLE RATE		
934/939	DRP		4	6	"							Arrive field				8:30			Alas 62.5 Hz Vibson m diet rd windy		
953/954	SUM		2	6	"																
969/961	NRJ		2	6	"																
932	Simulting		1	26	"							5	1	30%		9:15			Sim taken thru line with camera		
192	Windstrip		1	42	"	19															
193	196	200				295	19							8	50%		9:30				
194	197	201				296	20								50%						
195	198	202				297	21								30%				1st halt		
Skip	199	203				298	22								Skip				UP# 199+200 skipped due to a water well		
Skip	200	204				299	23								Skip						
196	201	205				300	24								30%				2nd halt		
197	202	206				301	25								50%						
198	203	207				302	26								50%						
199	204	208				303	27								50%						
200	205	209				304	28								50%						
201	206	210				305	29								50%						
202	207	211				306	30								50%						
203	208	212				307	31								50%						
204	209	213				308	32	406							50%				E.O.T. #406 TAPE MKTS		
205	210	214				309	33	407							50%				B.O.T. #407		
206	211	215				310	34								50%						
207	212	216				311	35								50%						
208	213	217				312	36								50%						
209	214	218				313	37								50%						
210	215	219				314	38								50%						
211	216	220				315	39								50%						
212	217	221				316	40								50%						
213	218	222				317	41								50%						
214	219	223				318	42	407							50%	253					

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 5		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Windy LIENK 400		TRAIL CONDITIONS DIRTY RD		DATE MONTH 3 DAY 19 YEAR 86		CLIENT COCORP		JOB FOREMAN/MOORE		PW Mc Clellan	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN FAMPS or "K"	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR 1	TR	TR	TR 4				TAPE	MEMORY MISSEP SWEEP	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					
215	220	224			319	43	407	48								5	8	50%	253		4		
216	221	225			320	44												50%					
217	222	226			321	45												50%					
218	223	227			322	46												50%					
219	224	228			323	47												50%					
220	225	229			324	48	407											50%					E.O.T. # 407 TAPE MKYS
221	226	230			325	49	408											50%	253				B.O.T. # 408
222	227	231			326	1												50%	302				NEW RECORDER SET UP 302/303
223	228	232			327	2												50%					
224	229	233			328	3												50%					
225	230	234			329	4												50%					
226	231	235			330	5												50%					
227	232	236			331	6												50%					
228	233	237			332	7												50%					
229	234	238			333	8												50%					
230	235	239			334	9												50%					
231	236	240			335	10												50%					
232	237	241			336	11												50%					
233	238	242			337	12												60%					Wind strip
234	238	242			337	12												50%					
235	239	243			338	13												50%					
236	240	244			339	14	408											50%					E.O.T. # 408 TAPE MKYS
237	241	245			340	15	409											50%					B.O.T. # 409
238	242	246			341	16												50%					
239	243	247			342	17												50%					
240	244	248			343	18												50%					
241	245	249			344	19												50%					
242	246	250			345	20												50%					
243	247	251			346	21												50%					
244	248	252			347	22												50%					
245	249	253			348	23												50%					
246	250	254			349	24	409											50%	302	4:30			

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 5		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Windy CLEAR & COOL		TRAIL CONDITIONS DIRT RD		DATE MONTH 3 DAY 18 YEAR 86		CLIENT COCORP		OB Foreman/MOORE		PM McClellan			
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 4				TAPE	MEMORY M/S SEC	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE							
900	ALLOWES		1	6	SEC		402	48																5 Vib 100' spacing 1st Vib starts 56' past flag in line	
933	Pulse		1	6	"																			2 SWEEPS 41.25' MOVE UP 12748 Hz SWEEP FREQ 26	
934/935	EINT		2	6	"																			5 SEC SWEEP 42 SEC RECORD LENGTH 4ms SAMPLE RATE	
936/939	DRD		4	6	"										ARRIVE FIELD									ARRIVE 62.5 Hz Vib on a dirt rd windy	
953/954	SUM		2	6	"																				
900/901	NRT		2	6	"																				
932	Similarity		1	26	"										5	1	30%							LATE START DUE TO SIMS PROBLEMS WITH CAMERA	
139	Windstrip		1	42	"	17																			
140	145	149				244	17										8	50%							
141	146	150				245	18	402										50%						E.O.T.#402 TAPE MKTS	
142	147	151				246	19	403										50%						B.O.T.#403	
143	148	152				247	20											50%							
144	149	153				248	21											50%							
145	150	154				249	22											50%							
146	151	155				250	23											50%							
147	152	156				251	24											50%							
148	153	157				252	25											50%							
149	154	158				253	26											50%							
150	155	159				254	27											50%							
151	156	160				255	28											50%							
152	157	161				256	29											50%							
153	158	162				257	30											50%							
154	159	163				258	31											50%							
155	160	164				259	32											50%							
156	161	165				260	33											50%							
157	162	166				261	34	403										50%						E.O.T.#403 TAPE MKTS	
158	163	167				262	35	404										50%						B.O.T.#404	
159	164	168				263	36											50%							
160	165	169				264	37											50%							
161	166	170				265	38											50%							
162	167	171				266	39											50%							
163	168	172				267	40	404										50%							204

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 5		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER <sup>COOL</sup> CLEAR Windy		TRAIL CONDITIONS Dirty Rd		DATE MONTH 3 DAY 18 YEAR 86		CLIENT COORP		JOB FOREMAN/MOORE		PMT McJELLEN	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS of "K"	PARITY		SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS				
		TR 1	TR	TR	TR 46				TAPE	MEMORY MISSED SWEEPS	SIZE	TOP	BOT.	NO CAPS	U. H. T.					N. UNITS	NO. SUMS	DRIVE	
164	169	173			268	41	404	48							5	8	50%	204	4				
165	170	174			269	42											50%						
166	171	175			270	43											50%						
167	172	176			271	44											50%						
168	173	177			272	45											50%						
169	174	188			273	46											50%						
170	175	179			274	47											50%						
171	176	180			285	48											50%						
172	177	181			276	49											50%	204					
173	178	182			277	1	404										50%	253				New RECORDER SET UP 253/254	
174	179	183			278	2	405										50%						
175	180	184			279	3											50%						
176	181	185			280	4											50%						
177	182	186			281	5											50%						
178	183	187			282	6											50%					Windstrip	
179	183	187			282	6											50%						
180	184	188			283	7											50%						
181	185	189			284	8											50%						
182	186	190			285	9											50%						
183	187	191			286	10											50%						
184	188	192			287	11											50%						
185	189	193			288	12											50%						
186	190	194			289	13											50%						
187	191	195			290	14											50%						
188	192	196			291	15											50%						
189	193	197			292	16	405										50%					E.O.T. # 405 TAPE MKTS	
190	194	198			293	17	406										50%					B.O.T. # 406	
191	195	199			294	18	406										50%	253	4:30				



# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 5		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER cloudy cool		TRAIL CONDITIONS Lib: Ed		DATE MONTH 3 DAY 17 YEAR 86		CLIENT ZOCORP		JOB FOREMAN/MOORE		PR Mc Clellan	
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	
102	109	113		7	208	29	400	48							5	8	50%	156				4	
103	110	114			209	30											50%						
104	111	115			210	31											50%						
105	112	116			211	32											50%						
106	113	117			212	33											50%						
107	113	117			212	33											50%						
108	114	118			213	34											50%						
109	115	119			214	35											50%						
110	116	120			215	36	400										50%						E.O.T. # 400 TAPE MKTS
111	117	121			216	37	401										50%						B.O.T. # 401
112	118	122			217	38											50%						
113	119	123			218	39											50%						
114	120	124			219	40											50%						
115	121	125			220	41											50%						
116	122	126			221	42											50%						
117	123	127			222	43											50%						
118	124	128			223	44											50%						
119	125	129			224	45											50%						
120	126	130			225	46											50%						
121	127	131			226	47											50%						
122	128	132			227	48											50%						
123	129	133			228	49											50%	156					
124	130	134			229	2											50%	204					NEW RECORDER SETUP
125	131	135			230	3											50%						
126	132	136			231	4	401										50%						E.O.T. # 401 TAPE MKTS
127	133	137			232	5	402										50%						B.O.T. # 402
128	134	138			233	6											50%						
129	135	139			234	7											50%						
130	136	140			235	8											50%						
131	137	141			236	9											50%						
132	138	142			237	10											50%						
133	139	143			238	11											50%	204					



# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D

CREW NO. 6834		LINE NO. 5		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER WET CLOUDY + COOL		TRAIL CONDITIONS DIRT Rd		DATE MONTH 3 DAY 14 YEAR 86		CLIENT COCORP		JOB FOREMAN/MOORE		P.McCLELLAN		
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						
900	ALLOWES		1	6	SEC		396	48																B.O.T. # 396 4 Vib. 100' spacing 1st Vib starts 6' past 61ag inline 8 SWEEPS 41.25' MOVE ups
933	Pulse		1	6	"																			12 → 48 Hz SWEEP TREA. 26 SEC. SWEEP 42 SEC.
934/935	Eint		2	6	"																			RECORD LENGTH 4ms SAMPLE RATE Always 62.5 Hz
936/939	PRD		4	6	"										ARRIVE FIELD									Vibs on a dirt rd. line crossing a MAJOR RIVER @ 93 thru 95 VERY NOISY STAS 94 + 95 OPEN
953/954	SUM		2	6	"																			Vib # 25865 Down problems with back motor
960/961	NRT		2	6	"																			HEAVY RAIN LAST NIGHT. LATE START DUE TO LEAKAGE STILL SOME LEAKAGE ON LINE BUT NOT VERY MUCH. LIGHT RAIN IS STILL FALLING
932	Similarity		1	26	"										Sim. taken thru line with camera	4	1	30%				9:00		
033	Windstrip		1	42	"	4																		
034	31	35				130	4											8	50%			11:00		
035	32	36				131	5												50%					
036	33	37				132	6												50%					
037	34	38				133	7												50%					
038	35	39				134	8												50%					
039	36	40				135	9												50%					
040	37	41				136	10												50%					
041	38	42				137	11												50%					
042	39	43				138	12												50%					
043	40	44				139	13												50%					
044	41	45				140	14												50%					
045	42	46				141	15												50%					
046	43	47				142	16												50%					
047	44	48				143	17												50%					E.O.T. # 396 TAPE MKTS.
048	45	49				144	18												50%					B.O.T. # 397
049	46	50				145	19												50%					
050	47	51				146	20												50%					
051	47	51				146	20												60%					
052	48	52				147	21												50%					
053	49	53				148	22												50%					
054	50	54				149	23												50%					
055	51	55				150	24												50%					
056	52	56				151	25												50%					
057	53	57				152	26												50%			103		

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 5		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER WET Cloudy + cool		TRAIL CONDITIONS Dirty rd		DATE MONTH 3 DAY 14 YEAR 86		CLIENT COCORP		OB FOREMAN/MOORE		PM Mc Clellan	
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	
		TR1	TR	TR	TR6				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					
058	54	58			153	27	397	48								4	8	50%	103		4		
059	55	59			154	28												50%					
060	56	60			155	29												50%					Wind blast !!!
061	57	61			156	30												50%					
062	58	62			157	31												50%					
063	59	63			158	32	397											50%					E.O.T. # 397 TAPE MKTS
064	60	64			159	33	398											50%					B.O.T. # 398
065	61	65			160	34												50%					Wind blast !!
066	62	66			161	35												50%					
067	63	67			162	36												50%					
068	64	68			163	37												50%					
069	65	69			164	38												30%					
070	66	70			165	39												30%					1st half
Skip	67	71			166	40												Skip					VP # 67 skipped due to a house + a water well
071	68	72			167	41												30%					2nd half
072	69	73			168	42												50%					
073	70	74			169	43												50%					
074	71	75			170	44												50%					
075	72	76			171	45												50%					
076	73	77			172	46												50%					
077	74	78			173	47												50%					
078	75	79			174	48												50%					
079	76	80			175	49	398											50%					E.O.T. # 398 TAPE MKTS
080	77	81			176	50	399											30%					1st half E.O.T. # 399
Skip	78	82			177													Skip					
Skip	79	83			178													Skip					VPs 78 thru 81 skipped due to houses
Skip	80	84			179													Skip					
Skip	81	85			180													Skip					4:30

# OBSERVER REPORT PETTY-RAY GEOPHYSICAL

GEO-252-D		CREW NO. 6834		LINE NO. 5		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Cloudy + cool		TRAIL CONDITIONS Dirt Rd.		DATE MONTH 3 DAY 13 YEAR 86		CLIENT COLORP		OP FOREMAN/MOORE		PM/CLELLAN	
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 4				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE							
001		Windstrip 42 SEC				24	394	48									5	1	60db	52	12:00	4	A2. L+Paz + Mohave Cos.		
002	1	5				100	25												50%				B.O.T. # 394 Run monthly test + his MORNING NO DAILY TEST ON TAPE !!!		
003	2	6				101	24												50%				5 Vib 100' spacing 1st. Vib starts 56' past flag		
004	3	7				102	27												50%				8 SWEEPS 41.25' MOVE UP 12748hz SWEEP FREQ.		
005	4	8				103	28												50%				26 SEC SWEEP 42 SEC RECORD LENGTH 4ms SAMPLE RATE		
006	5	9				104	29												50%				Alais 62.5hz Vib on a dirt rd		
007	6	10				105	30												50%				late start due to laying out phones + cable		
008	7	11				106	31												50%				line crossing a MAJOR RIVER @ 93 thru 95 VERY		
009	8	12				107	32												50%				noisy. light traffic on line		
010	9	13				108	33												50%				STAS # 94 + 95 OPEN DUE TO RIVER		
011	10	14				109	34												50%				HAD TO MOVE RECORDER BACK this MORNING		
012	11	15				110	35												50%				ing Vib. unable to pick up toes @ 72 + 73.		
013	12	16				111	36												50%						
014	13	17				112	37												50%						
015	14	18				113	38												50%						
016	15	19				114	39	394											50%				E.O.T. # 394 TAPE MKTS		
017	16	20				115	40	395											50%				B.O.T. # 395		
018	17	21				116	41												50%						
019	18	22				117	42		Windstrip										60db						
020	18	22				117	42												50%						
021	19	23				118	43												50%						
022	20	24				119	44												50%						
023	21	25				120	45												50%						
024	22	24				121	46												50%						
025	23	27				122	47												50%						
026	24	28				123	48												50%						
027	25	29				124	49												50%	52					
028	26	30				125	239												50%	103			NEW RECORDER SET UP		
029	27	31				126	240												50%						
030	28	32				127	1												50%						
031	29	33				128	2												50%						
032	30	34				129	3	395											50%		4:45		E.O.T. # 395 TAPE MKTS		



GEO-211-C

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>ARIZONA</u>	
County <u>LAPAZ/MOHAVE</u>	
State <u>ARIZONA</u>	
Party Mgr. <u>McClellan</u>	<u>FOREMAN</u> <u>OBJO MOORE</u>
Line No. <u>5</u>	Date Start of Line <u>3-13-86</u>
Sta. Int. <u>330'</u>	Feet Meters <u>Fold 48%</u>
Spread Dimensions <u>1-31350'</u>	
VP's Increase	N <input checked="" type="checkbox"/> E <input checked="" type="checkbox"/> S <input type="checkbox"/> W <input type="checkbox"/>
<u>SW → NE</u>	

GEOPHONES	
Manufacture <u>MD-100</u>	Array Length <u>322</u>
Frequency <u>8hz</u>	Array Width <u>10LINE</u>
No. per string per trace <u>2@12</u>	Array Across Between Sta Centered <input checked="" type="checkbox"/> <input type="checkbox"/>
<u>24 phones</u>	
Separation String Connected Ser <input type="checkbox"/> Par <input checked="" type="checkbox"/>	Coil Res. _____
	Shunt Res. String <input checked="" type="checkbox"/> Phone <input type="checkbox"/>
Connected at Sta Ser <input type="checkbox"/> Par <input checked="" type="checkbox"/>	Separation between elements in the array <u>14.34'</u> <u>14'</u>

RECORDING SYSTEM	
Type:	<u>MDS-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>OUT</u> Slope: <u>OUT</u>
High-Cut Filter	Freq: <u>62.5hz</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>AVX#2 GALVO 50</u> <u>AUX#4 11 52</u>

ENERGY SOURCE	
Type:	<u>S V-1100S</u>
Manufacturer:	<u>Falling</u>
Source Control:	<u>RCU-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 SWEEPS</u>
	Sweep Freq: <u>12748hz</u>
	Sweep Length: <u>26 SEC</u>
	Unit Separation: <u>100'</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

