

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	OP	PM								
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)			C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS of "K"	PARITY TAPE	MEMORY Sweeps	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					
6834	18				7:00																
933	Pulse		1	6	sec	691	48		BOT #691	#900	10sec	All ones.					105	NONE		Georgia Applying CO.	
934/935	EINT		2	"	"																Shaking on top of station, NO Gap.
936/939	DRD		4	"	"																Similarity taken through line with camera
953/954	Sum Test		2	"	"																5 Vib's, 1st vib starts 6' past flag 75' spacing, 4/25 move ups, 32 sec sweep
960/961	NRS Test		2	"	"																48 sec Record, 8 sweeps, Alias 31.25Hz
932	Similarity		1	32	sec									5	1	30%					10 → 32Hz Sweep Freq, 8ms Sample Rate.
110	windstrip		1	48	sec	10			4ms Sample Rate	Alias	62.5					60db					STA #122 open due to Swamp.
111	108	43	138		10									4	8	50%					Vib #15382 Down, Lost Air Pressure.
112	109	43	138		10											50%					Vibs will vibrate through spread to
113	110	43	138		10											50%					EOL #138, CDP will remain the same.
114	111	43	138		10											50%					4 vibs 1st vib starts 32' past flag
115	112	43	138		10											50%					
116	113	43	138		10									5	8	50%					Vib #15382 Back on Line.
117	114	43	138		10											50%					
118	115	43	138		10											50%					
119	116	43	138		10											50%					
120	117	43	138		10	691										50%					EOL #691 Tape Mkts.
121	118	43	138		10	692		windstrip								60db					Bot #692 #900 10sec All ones.
122	118	43	138		10											50%					
123	119	43	138		10			1						4	8	50%					Vib #32940 Down, Broken Hose on
124	120	43	138		10											50%					Back Mass.
125	121	43	138		10											50%					Stacked 1st Half.
SKIP	122	43	138		10											50%					From 122 - 124 due to swampy Area.
126	125	43	138		10											50%					
127	126	43	138		10											50%					
128	127	43	138		10											50%					
129	128	43	138		10			1								50%					
130	129	43	138		10											50%					
131	130	43	138		10											50%					
132	131	43	138		10											50%					
133	132	43	138		10	692		1								50%					EOL #692 Tape Mkts.
134	133	43	138		10	693		windstrip								60db					Bot #693 #900 10sec All ones

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CREW NO. 6834		LINE NO. 18		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Dirt Road		DATE MONTH 2 DAY 26 YEAR 85		CLIENT COCORP		OB R. Patten		PM B. Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING					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					
135	133	43	138			10	693	48								4	8	50%	105				NONE Shaking on top of station, NO Gap.
136	134	43	138			10												50%					
137	135	43	138			10												50%					
138	136	43	138			10												50%					
139	137	43	138			10												50%					
140	138	43	138			10	693									4	50%	4	1:30				4 Sweeps ONLY 1st HALF. EOT# 693 Tape mts EOL # 18 picking up Rest of Line. Before picking up line Vibrs will move to county line Road on line # 16 For TEST, 4 stations 32 sweeps. 3:15 Now picking Line # 18

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CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PM									
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY	SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS				
		TR	TR	TR	TR			TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUMS	DRIVE					
933	Pulse		1	6	sec		686	48	11330	BOY #686	*900	10sec	All ones				70	NONE			Shaking ON TOP OF STATION, NO Gap.	
934/935	EINT		2	"	"					NO Gap.											Line Crossing Highway #121 AT STA # 3	
936/939	DRD		4	"	"																ARRIVE FIELD 7:50	
953/954	Sum TEST		2	"	"																5 Vib, 1st Vib starts 6' past Flag 75' Spacing, 41.25 move ups, 32 sec sweep	
960/961	NRJ TEST		2	"	"																48 sec Record, 8 sweeps, ALIAS 31.25ms	
932	Similarity		1	32	sec	68								5	1	30%		8:45			10 → 32ms sweep Fred 8 ms sample rate.	
049	windstrip		1	48	sec	3				4 ms sample rate				ALIAS 62.5		60db					From STA #37-41 Electric Fence.	
050	48		1	96		3								5	8	50%		9:05			Man plowing with tractor from #40-45.	
051	49		2	97		4										50%					Vibs will vibrate on top of station, NO Gap.	
052	50		3	98		5										50%					Starting AT STA #48 will move CDP, vibs	
053	51		4	99		6										50%					will remain IN center of spread.	
054	52		5	100		7										50%						
055	53		6	101		8										50%						
056	54		7	102		9										50%					Blast on front of line VP # 54	
057	55		8	103		10										50%					STA # 26 open	
058	56		9	104		11	686									50%					EOT # 686 Tape MKTs.	
059	57		10	105		12	687	windstrip								60db					BOY # 687 *900 10sec All ones.	
060	57		10	105		12										50%					Fixed STA # 26	
061	58		11	106		13										50%						
062	59		12	107		14										50%						
063	60		13	108		15										50%						
064	61		14	109		16										50%						
065	62		15	110		17										50%						
066	63		16	111		18										50%						
067	64		17	112		19										50%						
SKIP	65		18	113		20										SKIP						Due to House.
SKIP	66		19	114		21										SKIP						" " "
068	67		20	115		22								4	30%	4 Sweeps ONLY						Last Half.
SKIP	68		21	116		23										SKIP						Due to House.
069	69		22	117		24								4	30%	4 Sweeps ONLY						Last Half.
070	70		23	118		25								8	30%							
071	71		24	119		26	687									50						EOT # 687 Tape MKTs.

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FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY	SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS				
		TR	TR	TR	TR			TAPE	MEMORY Sweeps	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUMS	DRIVE					
933	Pulse		1	-6	sec		682	48										70	NONE		Georgia APPLING CO.	ON TOP OF VP. BOT # 682 #900 10sec All ones.
934/935	EINT		2	-"	"																	NO sim on tape, TAKEN through Line with Camera.
936/939	DRD		4	-"	"																	ARRIVE FIELD 8:05
953/954	Sum TEST		2	-"	"										4	1	30%					5 Vib, 1st Vib starts 6' past Flag 75' spacing, 41.25 mave ups, 32 sec sweep
960/961	N RJ TEST		2	-"	"																	48 sec Record, 8 sweeps, ALIAS 31.25Hz
932	Similarity		1	-32	sec																	10 → 32Hz sweep Freq, 8ms sample Rate
001	Windstrip		1	-48	sec	3			4ms sample Rate	ALIAS 62.5							60db					Vib # 25865 Down, Back mass problem.
002	1	1	96			3									4	8	50%		9:50			4 Vib 1st Vib starts 32' past Flag.
003	2	1	96			3		1									50%					Vib will vibrate ON TOP OF STATION, NO
004	3	1	96			3											50%					Gap, CDP will Remain the same until Vib
005	4	1	96			3											50%					Reach station #48.
006	5	1	96			3											50%					From STA # 37-41 Electric Fence.
007	6	1	96			3											50%					Line Crossing Highway #121 AT #3
008	7	1	96			3		1									50%					
009	8	1	96			3											50%					
010	9	1	96			3											50%					
011	10	1	96			3	682										50%					EOT # 682 Tape MKTS.
012	11	1	96			3	683	windstrip									60db					Bot # 683 #900 10sec All ones.
013	11	1	96			3		1									50%					
014	12	1	96			3											50%					
015	13	1	96			3											50%					
016	14	1	96			3											50%					
017	15	1	96			3											50%					
018	16	1	96			3									5	8	50%					Vib # 25865 Back on line.
019	17	1	96			3											50%					
020	18	1	96			3											50%					
021	19	1	96			3											50%					
022	20	1	96			3											50%					
023	21	1	96			3											50%					
024	22	1	96			3	683	Blast on sweep #7 VP #22									50%					EOT # 683 Tape MKTS.
025	23	1	96			3	684	windstrip									60db					Bot # 684 #900 10sec All ones.
026	23	1	96			3		1									50%					

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CREW NO. 6834		LINE NO. 18		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Partly Cloudy		TRAIL CONDITIONS Dirt Road		DATE MONTH 2 DAY 23 YEAR 85		CLIENT COCORP		OB R. Patten		PM B. Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY			SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS					NO. SUMS	DRIVE	
027	24	1	96			3	684	48							5	8	50%	70					None Shaking ON TOP OF STATION. NO Gap.
028	25	1	96			3											50%						
029	26	1	96			3											50%						
030	27	1	96			3											50%						
031	28	1	96			3											50%						
032	29	1	96			3											50%						
033	30	1	96			3											50%						
034	31	1	96			3											50%						
035	32	1	96			3											50%						
036	33	1	96			3											50%						
037	34	1	96			3	684										50%						EOT # 684 Tape MKTs.
038	35	1	96			3	685		Wind strip								60db						BOT # 685 #900 10 sec All ones.
039	35	1	96			3											30%						Stacked 1st HALF.
SKIP	36	1	96			3											SKIP						Due to House.
040	37	1	96			3											30%						Stacked Last HALF.
041	38	1	96			3											50%						
042	39	1	96			3											50%						
043	40	1	96			3											50%						
044	41	1	96			3											50%						
045	42	1	96			3											50%						
046	43	1	96			3											50%						
SKIP	44	1	96			3											SKIP						Due to House
SKIP	45	1	96			3											SKIP						" " "
047	46	1	96			3											50%						Stacked Last HALF
048	47	1	96			3	685										50%						4:15 EOT # 685 Tape MKTs.



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	Georgia		
Country	Georgia		
County	Appling CO.		
Concession	Georgia		
State	Georgia		
Party Mgr.	B. Cassidy	OBJO	R. Datter
Line No.	18	Date Start of Line	2-23-85
Sta. Int.	330' Feet	Meters	Fold 4800'
Spread Dimensions	1-96 Vib Shaking ON TOP OF STATION		
VP's Increase	N	E	S W
	W → E	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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

RECORDING SYSTEM	
Type:	MDS-10
Format:	SEG 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: ALIAS 31.25 Slope: OUT
Static Filter	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
Notch Filter	In <input checked="" type="checkbox"/> Out <input type="checkbox"/> 60 Hz
UH Ch. On Tape	Wireline On Tape N/A Radio On Tape N/A
Sweep Ch. On Tape	Aux 2 92V0 50 Aux 4 92V0 52

ENERGY SOURCE		
Type:	47 100's Vibrators	
	17 900 Vibrator	
Manufacturer:	George E. Failing	
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:	5 Vib 75' Feet Meters
Unit Moveup:	41.25' 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

