



050-311-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 Georgia  
 Country Georgia  
 County Appling Co.  
 Concession Appling Co.  
 State Georgia  
 Party Mgr. B. Cassidy OB/JO R. Patton  
 Line No. 18 Date Start of Line 2-23-85  
 Sta. Int. 330' Feet Meters Fold 4800 2  
 Spread Dimensions 1-96 96 ON TOP OF STATION  
 VP's Increase W → E N  E  S  W

GEOPHONES

Manufacture MD 160's Array Length 322'  
 Frequency 8 Hz Array Width IN LINE  
 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: 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  Out   
 Notch Filter 60 Hz In  Out   
 UH Ch. Wireline On Tape N/A  
 On Tape Radio On Tape N/A  
 Sweep Ch. Aux 2 Galvo 52  
 On Tape Aux 4 Galvo 52

ENERGY SOURCE

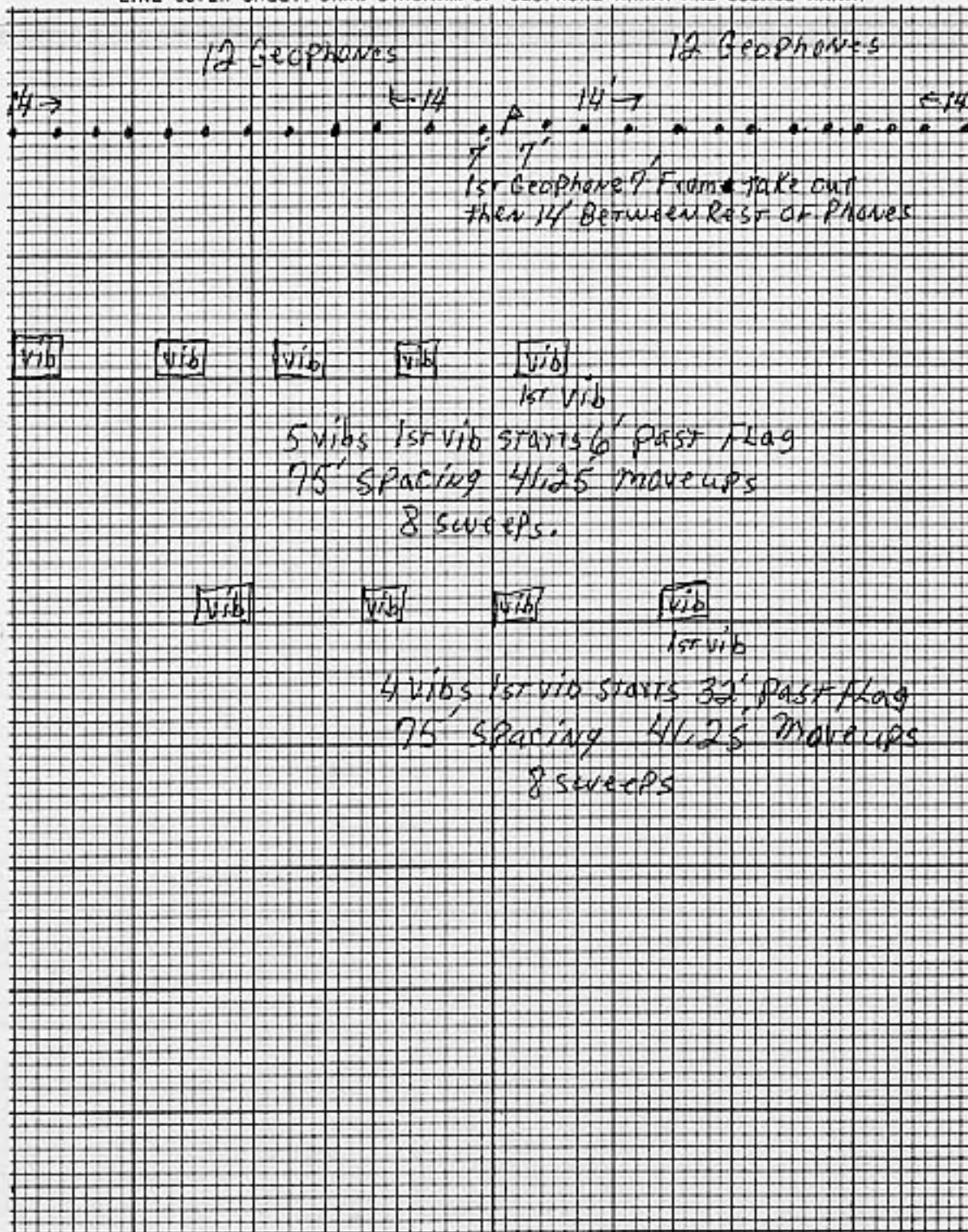
Type: 47 1100's vibrators  
11 900 vibrator  
 Manufacturer: George E. Failing  
 Source Control: RCV 310

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

Array Length: 489' Feet Meters  
 No. of drops, sweeps, etc. in array: 8

Surface Source Sweep Freq: 10 → 32 Hz  
 Sweep Length: 32 sec  
 Unit: 5 Vib's Feet Meters  
 Separation: 75'  
 Unit Moveup: 41.25' Feet Meters  
 Array Across Between Centered:

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



REMARKS: Air Gun Delay, etc.

VARI SOURCE USED Yes  No  Invalid Channels:



## OBSERVER REPORT PETTY-RAY GEOGRAPHICAL

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB.	PR.							
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. R. POSITION	DIGITAL REEL NO.	GAIN FT/MPS or "K"	PARITY	SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR	TR	TR	TR				SIZE	TOP	BOT.	NO CAPS	M.H.T.	N. UNITS	NO. SUGS	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 MKK.
038	35	1	96			3	685									60%				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 Tapp MKKs.

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CREW NO. 6234		LINE NO. 18		LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Partly cloudy, Dist Road	TRAIL CONDITIONS	DATE MONTH 2 DAY 25 YEAR 85	CLIENT CACORP	OPR. R. Patton	PR. A. Cassidy									
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN REELS or "K"	PARITY TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. Sums	DRIVE	INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
933	Pulse	1	-	6	sec		686	48											70		NONE	Georgia APPLING CO.
934/935	EINT	2	-	"	"																	Shaking on top of station, NO Gap.
936/939	DRD	4	-	"	"																	Live Crossing Highway #121 AT STA #3
953/954	Sum Test	2	-	"	"																	ARRIVE FIELD 7:50
960/961	NRT Test	2	-	"	"																	5 Vib, 1st Vib starts 6' past Flag 75' spacing, 41.25' move up, 32 sec sweep
932	Similarity	1	-	32	sec	68									5	1	30%			8:45		48 sec Record, 8 sweeps, Alias 31.25ms
049	wind strip	1	-	48	sec	3									4 ms Sample Rate	Alias	62.5		60db			10 → 32Hz Sweep Freq 8 ms Sample Rate.
050	48	1		96		3									5	8	50%			9:05		From STA #37-41 Electric Fence.
051	49	2		97		4											50%					Man plowing with tractor from 40-45.
052	50	3		98		5											50%					Vibs will vibrate on top of station, NO Gap.
053	51	4		99		6											50%					Starting AT STA #48 will move CDP, vibs
054	52	5		100		7											50%					will remain in center of spread.
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		wind strip								50%					POT # 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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GEO-252-2		CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OP.	EN.						
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. SAMS	DRIVE				
072	72	25	120			27	688	48		WINDSTRIP		BOT*	688		*900	10sec	All ones	70		NONE	Shaking on top of station
073	72	25	120			27									5	8	50%				
SKIP	73	26	121			28											SKIP				Due to offset
074	74	27	122			29											50%				STA* 122 open due to swamp.
075	75	28	123			30											50%				
076	76	29	124			31											50%				
077	77	30	125			32											50%				
078	78	31	126			33											50%				
079	79	32	127			34											50%				
080	80	33	128			35											50%				
081	81	34	129			36											50%				
082	82	35	130			37											50%				
083	83	36	131			38											50%				
084	84	37	132			39											50%				
085	85	38	133			40	688										50%				EOT* 688 Tape MKTs
086	86	39	134			41	689			WINDSTRIP							60db				BOT* 689 *900 10sec All ones.
087	86	39	134			41											50%				
088	87	40	135			42											50%				
089	88	41	136			43											50%				
090	89	42	137			44											50%				
091	90	43	138			45			1								50%				STA* 138 last station on line* 18,
092	91	43	138			45											50%				Vibs will vibrate through spread to
093	92	43	138			45											50%				STA* 138, CDP will remain the same.
094	93	43	138			45											50%				
095	94	43	138			45											50%				
096	95	43	138			45											50%				
097	96	43	138			45											50%				
098	97	43	138			45											50%				
099	98	43	138			45	689										50%				EOT* 689 Tape MKTs.
100	99	43	138			45	690			WINDSTRIP							60db				BOT* 690 *900 10sec All ones.
101	99	43	138			45											50%				
102	100	43	138			45											50%				

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 25 YEAR 85		CLIENT COCORP		OB R. Patton		PM B. Cassidy		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN STAMPS or "K"	PARITY		SHOOTING				SUM. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. M. T.	N. UNITS	NO. SUMS					DRIVE		
103	101	43	138			45	690	48								5	8	50%	70				None Shaking ON TOP OF STATION, NO Gap.	
104	102	43	138			45												50%						
105	103	43	138			45												50%						
106	104	43	138			45												50%						
107	105	43	138			45												50%						
108	106	43	138			45												50%						
109	107	43	138			45	690											50%	5:15					EOT * 690 TAPE MKTS.

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GEO-252-D		GREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OP	PH						
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN PAPER gr/k	PARITY TAPE	SHOOTING SIZE	TOP	BDT.	NO CAPS	U.H.X	N. UNITS	NO. SUNS	DRIVE	INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
6834	18				7:00				Cloudy	Dirt Road	2	26	85	Cocorp	R. Patten	B. Cassidy					Georgia APPLING CO.
933	Pulse		1	6	sec	691	48											105		None	Shaking on top of station. NO GAG.
934/935	EINT		2	"	"																Similarity taken through line with camera
934/939	DRD		4	"	"														7:45		5 Vib's, 1st vib starts 6' past flag 75' spacing, 41.25 moveups, 32 sec sweep
953/954	Sum Test		2	"	"																48 sec Record, 8 sweeps, AliAs 31.25ms
960/961	NRS Test		2	"	"																10 → 32.25 sweep freq. 8ms sample rate.
932	Similarity		1	32	sec									5	1	308					STA # 122 OPEN Due to Swamp.
110	Windstrip		1	48	sec	10			4 ms sample rate	AliAs	62.5					60db			8:55		Vib # 15382 Down, Last Air Pressure.
111	108	43	138		10									4	8	508					Vibs will vibrate through spread to
112	109	43	138		10											508					Foot # 138, CDP will remain the same.
113	110	43	138		10											508					4 vibs 1st vib starts 32' past flag
114	111	43	138		10											508					
115	112	43	138		10											508					
116	113	43	138		10									5	8	508					Vib # 15382 Back on line.
117	114	43	138		10											508					
118	115	43	138		10											508					
119	116	43	138		10											508					
120	117	43	138		10	691										508					Foot # 691 Tape mKts.
121	118	43	138		10	692		Windstrip								60db					Bot # 692 * 900 10sec All ones.
122	118	43	138		10											508					
123	119	43	138		10			1						4	8	508					Vib # 32940 Down, Broken Hose on
124	120	43	138		10											508					Back mass.
125	121	43	138		10											508					Stacked 1st Half.
SKIP	122	43	138		10											508					From 122 - 124 Due to swampy Area.
126	125	43	138		10											508					
127	126	43	138		10											508					
128	127	43	138		10											508					
129	128	43	138		10			1								508					
130	129	43	138		10											508					
131	130	43	138		10											508					
132	131	43	138		10											508					
133	132	43	138		10	692		1								508					Foot # 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 Dist Road		DATE MONTH 2 DAY 26 YEAR 85		CLIENT CACO RP		OBS. R. Patton		PM B. Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS)				C. D. R. POSITION	DIGITAL REEL NO.	GAIN PAMPS or "K"	PARITY		SHOOTING				SUN. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR	TR	TR	TR				TAPE	MEMO	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUNS					DRIVE	
135	133	43	138			10	693	48							4	8	502	105		NONE	Shaking on top of station, no gap.		
136	134	43	138			10											502						
137	135	43	138			10											502						
138	136	43	138			10											502						
139	137	43	138			10											502						
140	138	43	138			10	693								4	502	4 Sweeps ONLY	1st HALF.	Est* 693	Tape mts			
																		1:30			EOL # 18 picking up rest of line.		
																					Before picking up line vibs will move to county line Road on line # 16. For test, 4 stations 32 sweeps.		
																					3:15	Now picking line # 18	

