



GEO-211-C

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

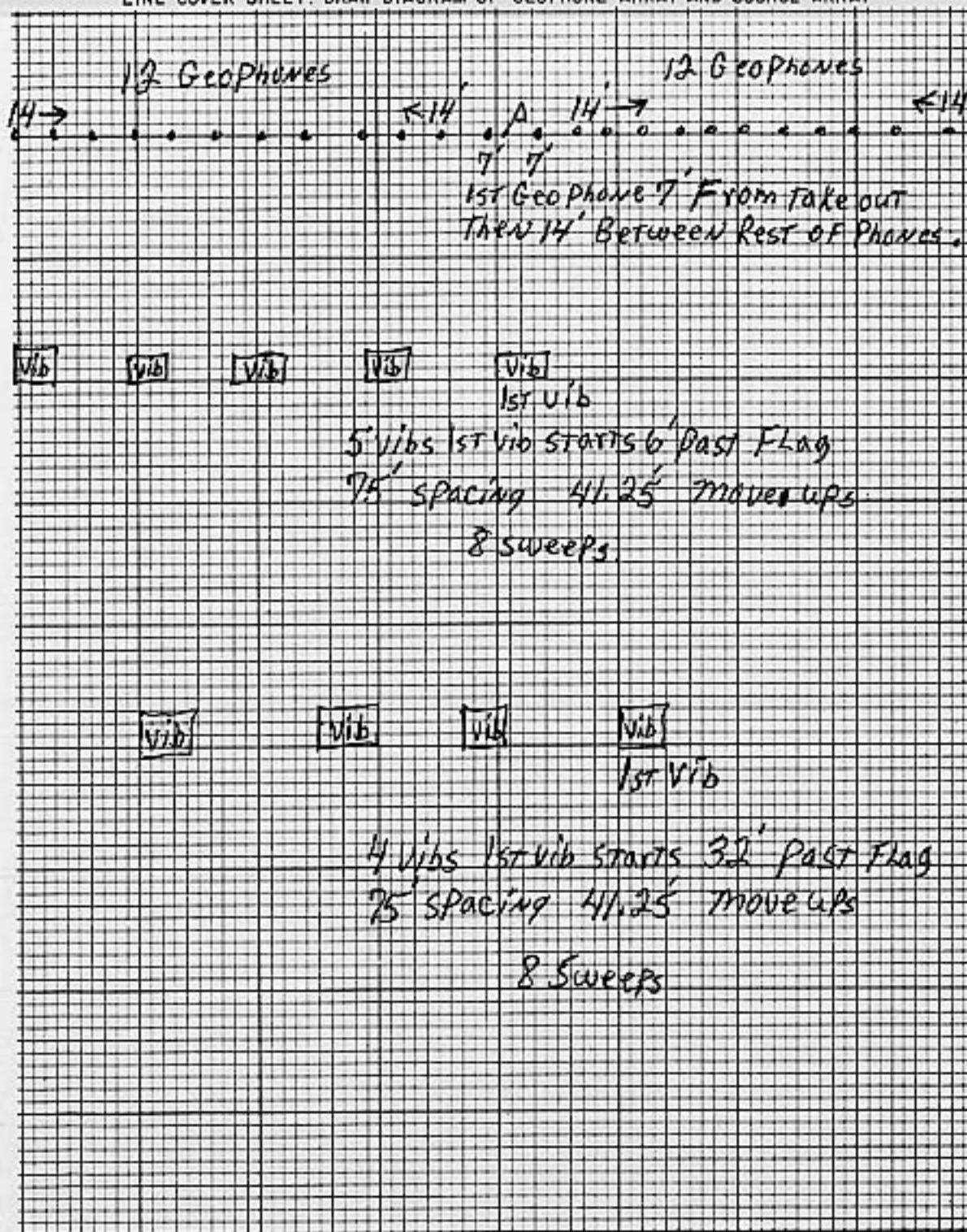
GENERAL			
Crew No.	6834	Contract No.	799
Client	COCORP		
Area	Georgia		
Country	Georgia		
County	Schley		
Concession	Schley		
State	Georgia		
Party Mgr.	B. Cassidy	OB/NO	R. Patten
Line No.	20	Date Start of Line	3-14-85
Sta. Int.	330'	Feet	Fold 4800'
Spread Dimensions	L-126m or 13-96		
VP's Increase	N	E	S W
	W → E	<input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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

RECORDING SYSTEM	
Type:	MD5-10
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 31.25KHz 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 N/A Radio N/A
Sweep Ch. On Tape	AUX 3 Galvo 50 AUX 4 Galvo 52

ENERGY SOURCE	
Type:	4x 1100s vibrators 1x 900 vibrator
Manufacturer:	George F. Falling
Source Control:	RCV 310
Dynomite	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 sweeps Sweep Freq: 10 → 32Hz Sweep Length: 32 sec Unit 5 Vibs Separation: 75 Feet Meters Unit Moveup: 41.25 Feet Meters Array Centered: Across <input checked="" type="checkbox"/> Between <input type="checkbox"/> Sta Sta

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 GEOPHYSICAL

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CREW NO. 834		LINE NO. 20		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER PARTLY Cloudy Part Rain		TRAIL CONDITIONS		DATE MONTH 3 DAY 17 YEAR 85		CLIENT GELORP		OP. N. PALOU		PM Cassidy	
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARITY		SHOOTING					INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS				
		TR	TR	TR	TR				TAPES	TAPE	MEMORY MISSES	SIZE	TOP	BOT.	NO CAPS					U. I. T.	N. LIMITS	NO. SUNS	DRIVE
023	39	25	36	43	126	28	729	48							4	8	50%	69		split	6 STA. GAP BETWEEN STAS #12 + 13		
024	40	26	37	44	127	29											50%						
025	41	27	38	45	128	30	729										30%				F.O.T. # 729 TAPR M.H. 12		
Slip	42	28	39	46	129	31											Slip				UPS # 43 IN A 47 Skipped Due to Houses		
026	48	34	45	52	135	37	730		Wind strip								60%				BAT # 730 #90010 See All OUES		
027	48	34	45	52	135	37											30%				Kips ARE back on DRY Road		
028	49	35	46	53	136	38											50%						
029	50	36	47	54	137	39											50%						
030	51	37	48	55	138	40											50%						
031	52	38	49	56	139	41											50%		525				

FACTY NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE			CLIENT	OB	PM	REMARKS								
								MONTH	DAY	YEAR												
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. R. POSITION	DIGITAL REEL NO.	GAIN FAMPS or %	PARITY			SHOOTING				SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFF SET TO LINE	REMARKS
		TR 1	TR 2	TR 13	TR 9w				TAPE	MEMORY (1/2 OF)	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUNS	DRIVE				
058	76	62	73	80	163	26	732	48							4	8	50%	108		50%+ 50%CAN	6' in Gap between 12 + 13	
059	77	63	74	81	164	27											50%					
060	78	64	75	82	165	28											50%					
061	79	65	76	83	166	29											50%					
062	80	66	77	84	167	30											50%					
063	81	67	78	85	168	31											50%				OVVF # 81 Bend Fender back cable	
064	82	68	79	86	169	32	732										50%				shut down AFEW for 20 min. to	
065	83	69	80	87	170	33	733		Wind strip								60%				REPLACE bad cable	
066	83	69	80	87	170	33											50%				E.O.T. # 732 Tape Mkts.	
067	84	70	81	88	171	34									5	8	50%				E.O.T. # 733 # 900 10 sec all outs	
068	85	71	82	89	172	35											50%				Blast on Wind strip R.O.T. # 733	
069	86	72	83	90	173	36											50%				5 Vib. ON line 1st vib starts 75' past line	
070	87	73	84	91	174	37											50%					
071	88	74	85	92	175	38											50%					
072	89	75	86	93	176	39											50%					
073	90	76	87	94	177	40											50%				Vib # 15382 Down Again Hyd leak	
074	91	77	88	95	178	41									4	8	50%				1st vib starts 32' past line	
075	92	78	89	96	179	42											50%					
076	93	79	90	97	180	43	733										50%	3:30			E.O.T. # 733 Tape Mkts.	

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 SWEEP	SHOOTING				SLR. SOURCES			INST SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
		TR 1	TR 2	TR 3	TR 4						SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SLRS					DRIVE
099	124	110	121	128	211	32	735	48								5	8	50%	150			6.5m Exp between 12+13
100	125	111	122	129	212	33												50%				E.O.T. # 735 Tape Mts.
101	126	112	123	130	213	34	735											50%				E.O.T. # 736 # 900 10 sec. All One
102	127	113	124	131	214	35	736			Wind-sweep								60%				Vib # 15382 Down Hyd. leak
103	127	113	124	131	214	35									4	8	50%					1st Vib starts 32' post flag
104	128	114	125	132	215	36				1								50%				
105	129	115	126	133	214	37												50%				
106	130	116	127	134	217	38									5	8	50%					1st Vib starts 4' post flag
107	131	117	128	135	218	39												50%				Vib # 15382 Back on line
108	132	118	129	136	219	40												50%				
109	133	119	130	137	220	41												50%				
110	134	120	131	138	221	42												50%				
111	135	121	132	139	222	43												50%				
112	136	122	133	140	223	21												40%	173			Moved Recorder to 173-174
113	137	123	134	141	224	22												50%				
114	138	124	135	142	225	23												50%				
115	139	125	136	143	226	24	736											50%				E.O.T. # 736 Tape Mts.
116	140	126	137	144	227	25	737			Wind-sweep								60%				E.O.T. # 737 # 900 Ten sec. All One
117	140	126	137	144	227	25												70%				
118	141	127	138	145	228	26												30%				
119	142	128	139	146	229	27												30%				
120	143	129	140	147	230	28												30%				
121	144	130	141	148	231	29												30%				
122	145	131	142	149	232	30												30%				
123	146	132	143	150	233	31												50%				
124	147	133	144	151	234	32												50%		4:45		

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 20		LEAVE TOWN/CAMP		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER Clear		TRAIL CONDITIONS Nice Road		DATE MONTH 3 DAY 19 YEAR 85		CLIENT COCO AP		OB. R. Patten		PH. B. Cassidy			
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN RAMP	PARITY		SHOOTING					SUR. SOURCES			INST. SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR	TR	TR	TR				TAPE	MEMORY	SIZE	TOP	BDT.	NO CAPS	U. H. T.	N. UNITS	NO. SUNS	DRIVE							
177	204	190	201	208	291	34	741	48								5	8	50%	228					SPLIT spread	6 station Gap Between 12 & 13
178	205	191	202	209	292	35												50%							
179	206	192	203	210	293	36												50%							
180	207	193	204	211	294	37												50%							
181	208	194	205	212	295	38	741											50%	5:00						EOT # 741 Tape Mkts.

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								
6234	20					Clear	Dirt Road	3	20	85	COCORP	R. Patton	B. Cassidy								
FILE NO.	STA. NO.	STA. NO'S (LIVE CRPS)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN	PARTY	SHOOTING				SURF 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. S.WMS	DRIVE				
SKIP	233	219	230	237	320	25		48										SKIP	266	SPLIT spread	STA # 338 Last station west side of town.
SKIP	234	220	231	238	321	26												SKIP	From 233-254	Due to Houses + State Highway.	
206	255	243	-	338	49	744		wind strip							5	8	30%	60db		BAT # 744 # 900 10 sec All ones.	
207	255	243	-	338	49													30%		Starting at #255 Vibs will be shaking through	
208	257	243	-	338	49													30%	1st Half.	spread, NO Gap, CDP will NOT move,	
skip	259	243	-	338	49													skip		Vibs will shake on top of station.	
209	261	243	-	338	49													30%		VPs # 258 thru 260 Skipped due to a house	
210	263	243	-	338	49													30%		last half due to a house	
211	265	243	-	338	49													50%			
212	266	243	-	338	49													50%		VPs # 267 + 268 Skipped due to a house	
213	269	243	-	338	49													50%		Last half due to a house	
214	270	243	-	338	49													50%		VPs # 271 thru 274 Skipped due to Houses	
215	275	243	-	338	49													50%			
216	277	243	-	338	49													50%			
217	279	243	-	338	49													50%		VPs # 280 + 282 Skipped due to a house	
218	283	243	-	338	49													50%		Last half due to a house	
219	285	243	-	338	49	744												50%		E.O.T. # 744 Tape Mkts.	
220	286	243	-	338	49	745		wind strip										60db		B.O.T. # 745 # 900 10 sec All ones	
221	284	243	-	338	49													50%		VP # 287 Skipped due to a house (trailer)	
222	288	243	-	338	49				1									50%			
223	290	243	-	338	49													50%		VPs # 293 + 294 Skipped due to a house	
224	292	243	-	338	49													50%		VP # 295 Vibs on shoulder of a paved rd.	
225	295	243	-	338	49													30%		Last half due to a house	
226	297	243	-	338	49													30%			
227	299	243	-	338	49													50%			
228	301	243	-	338	49				1									50%			
229	303	243	-	338	49													50%		VPs # 304 + 305 Skipped due to a house	
230	306	243	-	338	49													30%			
231	310	243	-	338	49													30%		Stacked Last Half, # 308 skip due to well	
232	312	243	-	338	49													50%			
233	313	243	-	338	49	745												50%		E.O.T. # 745 Tape Mkts.	
234	316	243	-	338	49	746		wind strip										60db		B.O.T. # 746 # 900 10 sec All ones	

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	PH													
6834	20					CLEAR	PRVD R.	?	20	85	Georp	R. Patton	B. Cassidy													
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				G. D. R. POSITION	DIGITAL REEL NO.	CAM PAPER	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. SWS	DRIVE								
235	316	243	-	338		49	746	48								5	8	50%	264							
236	318	243	-	338		49												30%							VA # 319 thru 322 shipped due to houses.	
237	323	243	-	338		49												30%							Last halt due to houses	
238	325	243	-	338		49												50%								
239	327	243	-	338		49				1								50%								
240	328	243	-	338		49	746			2								30%		4:45					First halt due to houses	
																										E.O.T. 746 Tape Mkts.
																										VA # 329 thru 333 shipped due to houses
																										VP # 338 E.O.L. on West side of Town

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CREW NO. 6834		LINE NO. 20		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLOUDY		TRAIL CONDITIONS D.R.T. R.L.		DATE MONTH 3 DAY 22 YEAR 85		CLIENT COCORP		OP R. Patten		PM B. Cassidy			
FILE NO.	STA. NO.	STA. NO'S (LIVE ORPS)				C.D.P. POSITION	DIGITAL REEL NO.	GAIN BANKS	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		747	48		Sweeps	Bot #747	#900	10 sec	All ones					452			6	STATION Gap Between 12 + 13 Skipped			
934	EINT	2	11	"																	6	Sup 2 open behind Vib, 3 open in front			
936	DRD	4	11	"															7:50		5	Vibs 1st Vib starts 6' Past Flag, 75' Spacing, 41.25' move ups, 32 sec sweep, 48 sec Record, 8 sweeps, Alias 31.25 sec			
953	Sum TEST	2	11	"																	10	→ 32 sec sweep freq, 8 ms sample rate.			
960	NRS TEST	2	11	"																					
932	Simulivity	1	32	sec											5	1	30%		9:15		10	→ 32 sec sweep freq, 8 ms sample rate.			
241	windstrip	1	48	sec	1					4 ms	sample rate	Alias	62.5				600%					Vibs will shake through spread up to			
242	387	381	392	399	482	1												50%		10:30		Vib # 395, will shake EVERYWHERE ON			
243	389	381	392	399	482	1												50%				Vib # 381 thru 386 skipped due to houses			
244	391	381	392	399	482	1												50%				Late start, had to clear phones on			
245	393	381	392	399	482	1												50%				west side of town + lay out on			
246	395	381	392	399	482	1												50%				East side			
247	396	382	393	400	483	2												30%				First half due to a house			
Skip	397	383	394	401	484	3												Skip				Vib # 397, 398 skipped due to a house			
Skip	398	384	395	402	485	4												Skip							
248	399	385	396	403	486	5												30%				Last half due to a house			
249	400	386	397	404	487	6												30%				First half			
Skip	401	387	398	405	488	7												Skip				Vib # 401 thru 403 skipped due to houses			
250	404	390	401	408	491	10	747											30%				Last half due to a house E.O.T. 747 tape			
251	405	391	402	409	492	11	748			Wind strip								100%				Mrs. Pat # 748 #900 10 sec All ones.			
252	405	391	402	409	492	11												30%							
253	406	392	403	410	493	12												30%				First half due to Highway # 90			
Skip	407	393	404	411	494	13												Skip				Vib # 407 thru 409 skipped due to houses			
254	410	396	407	414	497	16												30%							
Skip	411	397	408	415	498	17												Skip				Vib # 411 thru 413 skipped due to houses			
255	414	400	411	418	501	20												30%							
256	415	401	412	419	502	21												50%							
257	416	402	413	420	503	22												50%							
258	417	403	414	421	504	23												30%							
259	418	404	415	422	505	24												50%				Vib # 509 Duly co			
260	419	405	416	423	506	25												50%				Vib # 507 thru 525 skip w numbers due to			
261	420	406	417	424	526	26												50%				w/s in line. (NO PHONES THESE STAs)			

REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 20		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER cloudy		TRAIL CONDITIONS		DATE MONTH 3 DAY 22 YEAR 85		CLIENT GOCORP		DPT H. PATTAN		PM B. Cassidy		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. R. POSITION	DIGITAL REEL NO.	GAIN SWAPS	PARITY		SHOOTING					SUN SOURCES			INST SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR 1	TR 12	TR 13	TR 16				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. N.T.	N. UNITS	NO. SUMS	DRIVE						
262	421	407	418	425	527	9	748	48							5	8	50%	470					371.4 SP524	FORGIN MARLOW CO. 6 STA CAMP BETWEEN 12 + 13 Mound
263	422	408	419	426	528	10											50%							REORDER UP TO STA 470 + 471
264	423	409	420	427	529	11	748										50%							ON VPA #422 TRAIN ON BACK OF LIVE
265	424	410	421	428	530	12	749		Wind	strip							60%							E.D.T. # 748 TAPE MKTS. BOT. # 749
266	424	410	421	428	530	12											50%							HAD TO SEC ALL OVS.
267	425	411	422	429	531	13											50%							
268	426	412	423	430	532	14											50%							
269	427	413	424	431	533	15											50%							
270	428	414	425	432	534	16											50%							
Skip	429	415	426	433	535	17											Skip							VP # 429 thru 434 Skipped due to houses.
271	435	421	432	439	541	23											50%							
272	436	422	433	440	542	24											50%							
Skip	437	423	434	441	543	25											Skip							VP 437 thru 440 Skipped Houses + A Water Well.
273	441	427	438	445	547	29											30%							
274	442	428	439	446	548	30									4		10%							4 Swps + Low drive due to a house.
Skip	443	429	440	447	549	31											Skip							VP # 443 Skipped due to a house.
275	444	430	441	448	550	32									8		30%							
Skip	445	431	442	449	551	33											Skip							VP # 445 thru 451 skipped due to houses.
276	452	438	449	456	558	40	749										30%		445					Last halt due to a house
																								E.D.T. # 749 TAPE MKTS.

CREW NO.	LINE NO.	LEAVE TOWN/CAMP				ARRIVE TOWN/CAMP		TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB	PN	REMARKS														
		TR 1	TR 12	TR 13	TR 14	C.O.P. POSITION	DIGITAL REEL NO.												GAIN	PARITY	SHOOTING	SUR. SOURCES	INST SET UP	TIME DAY	STA OFF SET TO LINE							
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C.O.P. POSITION	DIGITAL REEL NO.	GAIN	PARITY	SHOOTING	SUR. SOURCES	INST SET UP	TIME DAY	STA OFF SET TO LINE	REMARKS																	
		TR 1	TR 12	TR 13	TR 14					SIZE	TOP	BOT.	NO CAPS	U.H.T	N. UNITS	NO. SUMS	DRIVE															
Skip	485	471	482	489	591	34	751	48							5	8	Skip	528									VSTR GAP between 12+13 Georgia, Dooly Co					
Skip	486	472	483	490	592	35											Skip									VPs # 485 + 486 Skipped due to houses						
301	487	473	484	491	593	36	751										30%									E.O.T. 751 TAPE MKTS.						
302	488	474	485	492	594	37	752		Windstrip								60db									B.O.T. 752 @ 900 10 Sec All OVES						
303	488	474	485	492	594	37											30%															
304	489	475	486	493	595	38									4		30%									4 Sweeps low doing due to houses						
Skip	490	476	487	494	596	39											Skip									VPs # 490 thru 493 Skipped due to houses						
305	494	480	491	498	600	43									8		30%									Dibs are back on shoulder of a Paved Rd.						
306	495	481	492	499	601	1											50%	571								Moved Recorder up to 571-572						
307	496	482	493	500	602	2											50%															
308	497	483	494	501	603	3											50%															
Skip	498	484	495	502	604	4											Skip									VPs # 498 thru 500 Skipped due to houses.						
309	501	487	498	505	607	7											30%									First half due to inch of shoulder (over)						
Skip	502	488	499	504	608	8											Skip									VPs # 502 Skipped due to inch of shoulder						
310	503	489	500	506	609	9									4		50%									4 Sweeps only " " " " "						
311	504	490	501	507	610	10									8		50%									Last half " " " " "						
312	505	491	502	508	611	11											50%															
313	506	492	503	509	612	12	752										50%									E.O.T. 752 TAPE MKTS						
314	526	493	504	510	613	13	753		Windstrip								60db									B.O.T. # 753 @ 900 10 Sec All OVES						
315	526	493	504	510	613	13									4		50%									4 Sweeps only due to soft shoulder						
Skip	527	494	505	511	614	14											Skip		5:00							VPs # 527 thru 543 Skipped due to inch of shoulder + soft mud.						

OPERATION REPORT PETTY-RAY GEOPHYSICAL

GEO-282-D		CREW NO. 6834	LINE NO. 20	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER CLEAR	TRAIL CONDITIONS DIRT RD.	DATE MONTH 3 DAY 26 YEAR 85	CLIENT Cocorp	OP R. Patton	PM B. Cassidy							
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.) TR 1 TR 2 TR 3 TR 4				C. D. P. POSITION	DIGITAL REEL NO.	GAIN DAMPS or "C"	PARITY TAPE	MEMORY	SHOOTING SIZE TOP BOT. NO CAPS U.H.T			SUR. SOURCES N. UNITS NO. Sums DRIVE		INST SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS	
933	Pulse	1 - 6 sec					753	48									585		SPART spread	Georgia Daily CO. 6 station gap between 12+13. Slight editing zone behind vib 1 3 open in front
934/935	FINI	2 - " "																		
936/939	DRD	4 - " "																		ARRIVE FIELD 7:40 5 Vibs 1st vib starts 6' past flag 75'
953/954	Sum test	2 - " "																		spacing, 4h25 move ups, 32 sec sweep, 48 sec record, 8 sweeps, 8 hrs 31.25 hr
960/961	NRS test	2 - " "																		10-932 sweep error, 8ms sample rate
932	Similarity	1 - 32 sec																		Sims taken through live with camera 5 1 30% 8:35 4ms sample rate alias 62.5 60db
316	wind strip	1 - 48 sec				17														Vibs will start on shoulder of a paved rd.
317	544 538 541 548 631					17														4 Vibs 1st vib starts 32' past flag
318	545 531 542 549 632					18														Last half low drive due to a house
Skip	546 532 543 550 633					19														UP# 546 skipped due to a house
319	547 533 544 551 634					20														Last half due to a house
320	548 534 545 552 635					21														4 sweeps due to intersection
321	549 535 546 553 636					22														Vibs back on a dirt rd with 5 vibs
322	550 536 547 554 637					23														STA # 587 open due to a paved driveway.
323	551 537 548 555 638					24														STA # 610 open due to highway intersection
324	552 538 549 556 639					25	753													E.O.T. #753 Tape M12+.
325	553 539 550 557 640					26	754	Wind strip												B.O.T. #754 #900 10 sec all over
326	553 539 550 557 640					26														
327	554 540 551 558 641					27														
328	555 541 552 559 642					28														First half low drive due to a water well
Skip	556 542 553 560 643					29														UP# 557 skipped due to a water well
329	557 543 554 561 644					30														1st half low drive " " " "
330	558 544 555 562 645					31														
331	559 545 556 563 646					32														
332	560 546 557 564 647					33														
333	561 547 558 565 648					34														
334	562 548 559 566 649					35														
335	563 549 560 567 650					36														
336	564 550 561 568 651					37														
337	565 551 562 569 652					38														
338	566 552 563 570 653					39	754													E.O.T. #754 TAPE M12+.
339	567 553 564 571 654					40	755	Wind strip												E.O.T. #755 #900 10 sec all over.

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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CREW NO. 6834		LINE NO. 20		LEAVE TOWN/CAMP 700		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLEAR		TRAIL CONDITIONS DRY		DATE MONTH 3 DAY 26 YEAR 85		CLIENT EOCORP		OB R. Patton		PM B. Cassidy		
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN STAMPS 6" X	PARITY		SHOOTING				SUR. SOURCES			INST SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS			
		TR 1	TR 12	TR 13	TR 46				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.M.T.	N. UNITS	NO SUMS					DRIVE		
340	567	553	564	571	654	40	755	48							5	8	50%	585					GEORGIA Deely Co.	
341	568	554	565	572	655	41											50%						Using GAP between 12+13	
342	569	555	566	573	656	42											50%						STAs 653 thru 656 open tractor cut cable	
343	570	556	567	574	657	4											50%	624					STAs open on files 340 thru 342	
344	571	557	568	575	658	5											50%						Moved Recorder to 624+625	
345	572	558	569	576	659	6											50%						STAs 650 thru 654 tractor wash up in AREA	
346	573	559	570	577	660	7											50%							
347	574	560	571	578	661	8											50%							
348	575	561	572	579	662	9											50%							
349	576	562	573	580	663	10											50%							
350	577	563	574	581	664	11											30%							
skip	578	564	575	582	665	12											skip							VP# 578 Skipped due to a house
351	579	565	576	583	666	13											30%							
skip	580	566	577	584	667	14											skip							VP# 580 Skipped due to a house
352	581	567	578	585	668	15	755										30%							Last half " " " " E.O.T. 755 Tape Mts.
353	582	568	579	586	669	16	756	Wind strong									Wdb							B.O.T # 756 # 900 10 sec All eyes.
354	582	568	579	586	669	16											50%							
355	583	569	580	587	670	17											50%							
356	584	570	581	588	671	18											50%							
357	585	571	582	589	672	19											50%							
358	586	572	583	590	673	20											30%							Last half
skip	587	573	584	591	674	21											skip							VP# 587 thru 588 Skipped due to a house
359	589	575	586	593	676	23											30%							Last half due to a house
skip	590	576	587	594	677	24											skip							
skip	591	577	588	595	678	25											skip							VP# 590+591 Skipped due to a house
360	592	578	589	596	679	26											30%							Last half
361	593	579	590	597	680	27											50%							
362	594	580	591	598	681	28											50%							
363	595	581	592	599	682	29	756										50%							E.O.T # 756 Tape Mts.

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											
834	20	7:00				Clear	Dirt Rd.	3	27	85	EOCORP	R. Patton	M. 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 2	TR 3	TR 4			RAMPS OR "K"	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H.T.	N. UNITS	NO. SUNS	DRIVE						
Skip	621	607	618	625	708	28	758	48								5	8	skip	651					6 STA. GAP BETWEEN 12+13
Skip	622	608	619	626	709	29												skip						VP#621+622 skipped due to a house
384	623	609	620	627	710	30												30%						last half " " " "
385	624	610	621	628	711	31												50%						
386	625	611	622	629	712	32												50%						
387	626	612	623	630	713	33												50%						
388	627	613	624	631	714	34	758											50%						E.O.T. 758 Tape Marks
389	628	614	625	632	715	35	759		Windstrip									60%						E.O.T. 759 #900 10 SEC ALL ONES
390	628	614	625	632	715	35												50%						Vib will be on the holder of approved rd.
Skip	629	615	626	633	716	36												skip						VP#629 thru 635 skipped no room on s holder
391	636	622	633	640	723	43												30%						last half + low drive " " " "
Skip	637	623	634	641	724	44												skip						VP#637+638 skipped no room on s holder
392	639	625	636	643	726	5			Moved Recorder up to	692+693								30%	692					last half, wind is picking up, 10 to 15 mph
393	644	630	641	648	731	10												50%						VP#639 thru 643 skipped no holder. last half.
394	645	631	642	649	732	11												50%						
395	646	632	643	650	733	12												50%						
Skip	647	633	644	651	734	13												skip						VP#647 thru 649 skipped no room on s holder
396	650	636	647	654	737	16												4	50%					4 Sweeps + last half due to " " " "
Skip	651	637	648	655	738	17												skip						VP#651 skipped due to a Church house
397	652	638	649	656	739	18												4	50%					4 Sweeps + last half " " " "
398	653	639	650	657	740	19												8	50%					
399	654	640	651	658	741	20												4	50%					4 Sweeps due to lack of room on s holder
Skip	655	641	652	659	742	21												skip						VP#656 skipped due to lack of room on s holder
400	656	642	653	660	743	22												8	50%					last half " " " " " "
401	657	643	654	661	744	23												50%						
402	658	644	655	662	745	24	759			1								50%						E.O.T. 759 Tape Marks
Skip	659	645	656	663	746	25												skip						VP#659 thru 663 skipped no room on s holder
403	664	650	661	668	751	30	760		Windstrip									60%						E.O.T. 760 #900 10 SEC ALL ONES
404	664	650	661	668	751	30												50%						Train on front of line (noise) last half
405	665	651	662	669	752	31												4	50%					Vib #15382 down with hydraulic, 1st vib
Skip	666	652	663	670	753	32												skip						starts 32' past line. VP#666 skipped
406	667	653	664	671	754	33				1								5	50%					due to lack of s holder.

CREW NO.	LINE NO.	LEAVE TOWN/CAMP	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER	TRAIL CONDITIONS	DATE MONTH	DAY	YEAR	CLIENT	OB.	PN												
6834	20	7.00				cloudy	PAVED R.S.	3	27	85	COGGRP	R. FANON	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 12	TR 13	TR 90			dB	TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. I.	N. UNITS	NO. SUMS	DRIVE							
407	668	694	665	672	755	34	760	48									5	8	50%	692		SPILT SPREAD	Georgia Houston T. Dealy Co. 6 sta wrap between 12+13		
Skip	669	655	666	673	754	35																			
Skip	670	654	667	674	757	36																		VRs #669+670 Skipped due to a house	
408	671	657	668	675	758	37																		1st+halt due to a house	
409	672	658	669	676	759	38																			
410	673	659	670	677	760	39																			
411	674	660	671	678	761	40																			
412	675	661	672	679	762	41	760																		EOT # 760 Tape mts.
Skip	676	662	673	680	763	42																			From 676-682 Due to Houses.

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 10834		LINE NO. 20	LEAVE TOWN/CAMP 7:00	ARRIVE TOWN/CAMP	TOTAL TR. TIME	DOWN TIME	WEATHER Cloudy	TRAIL CONDITIONS Dirt Road	DATE MONTH 3	DAY 28	YEAR 35	CLIENT (LCC?)	OB. K. Jatten	PM. B. Cassidy						
FILE NO.	STA. NO.	STA. NO'S (LIVE GRPS.)				C. D. P. POSITION	DIGITAL REEL NO.	GAIN (RANGE) K	PARITY	SHOOTING				SUR. SOURCES			INST SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS
		TR 1	TR 12	TR 13	TR 14					SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUNS				
733	Dist		1	6	sec		761	48											Geogin, Houston + Denby co.	
234/235	LINE		2	11	"														6 station gap between 12 & 13. Sweep 2	
236/239	DRD		2	11	"														5 wibs 1st vib starts 6' past flag, 75'	
238/239	Sum Test		2	11	"														spacing, 4h25 makeups, 22 sec sweep.	
260/261	NRT Test		2	11	"														48 sec Record, 8 sweeps, PINS 3h25	
432	3.0m. wire		1	32	sec							5	1	30%	8:15			10-7 3min sweep freq, Sample rate 8ms.		
413	Wind strip		1	48	sec	2												4ms Sample Rate Alips 6:25		
414	683	669	680	687	770	2						4	8	50%	9:00			STA# 677 opened due to I-75		
415	684	670	681	688	771	3								50%				Vib #15382 down by leak 1st Vib smea		
416	685	671	682	689	772	4								50%				32' past flag		
417	686	672	683	690	773	5								50%				CMBIF crossing paved rd @ 739		
418	687	673	684	691	774	6								50%						
419	688	674	685	692	775	7								50%						
420	689	675	686	693	776	8								50%						
421	690	676	687	694	777	9								50%						
422	691	677	688	695	778	10						5		50%						
423	692	678	689	696	779	11	761							50%				E.O.T. #761 Tape OK's.		
424	693	679	690	697	780	12	762	Windstrip						50%						
425	693	679	690	697	780	12								50%				B.O.T. 762 #900 10 sec all ones		
426	694	680	691	698	781	13								50%						
427	695	681	692	699	782	14								50%						
428	696	682	693	700	783	15								50%						
429	697	683	694	701	784	16								50%				First halt, 0/5 290' north		
430	698	684	695	702	785	17								50%						
431	699	685	696	703	786	18								50%						
432	700	686	697	704	787	19								50%						
433	701	687	698	705	788	20								50%						
skip	702	688	699	706	789	21								skip						
434	703	689	700	707	790	22								50%				UP# 702 Skipped due to N. grain silo.		
435	704	690	701	708	791	23								50%				First halt		
skip	705	691	702	709	792	24								skip				UP# 705 Skipped due to a cemetery		
skip	706	692	703	710	793	25								skip				UP# 706 Skipped due to a house		

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

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CREW NO. 2834		LINE NO. 20		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLOUDY		TRAIL CONDITIONS DIST. RE.		DATE MONTH 3 DAY 28 YEAR 85		CLIENT CCCORP		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 %	PARITY		SHOOTING				SUR. SOURCES			INST SET UP	TIME DAY	STA. OFFSET TO LINE	REMARKS		
		TR 1	TR 2	TR 13	TR 95				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U. H. T.	N. UNITS	NO. SUNS					DRIVE	
436	707	693	704	711	794	26	762	48						5	8	30%	739			GEORGIA, Houston + Dealy Co.			
437	708	694	705	712	795	27	762									50%				6 STA GAP BETWEEN 12 + 13			
438	709	695	706	713	796	28	763									60%				E.O.T = 762 TAPE MK+3.			
439	709	695	706	713	796	28										50%				B.O.T = 763 = 900 10 SEC ALLOWES			
440	710	696	707	714	797	29										50%							
441	711	697	708	715	798	30										50%							
442	712	698	709	716	799	31										50%							
443	713	699	710	717	800	32										50%							
Skip	714	700	711	718	801	33										50%				VP # 714 Skipped due to a water well			
444	715	701	712	719	802	34										50%				Inst halt " " " "			
445	716	702	713	720	803	35										50%				RR tracks crossing line			
446	717	703	714	721	804	36										50%							
447	718	704	715	722	805	37										50%							
448	719	705	716	723	806	38										50%							
449	720	706	717	724	807	39										50%				STA # 827 OPEN due to paved driveway			
450	721	707	718	725	808	40										50%							
451	722	708	719	726	809	41	763									50%				E.O.T. Tape MK+3.			
452	723	709	720	727	810	42	764		Wind-strip							60%	767			B.O.T # 764 = 900 10 SEC ALLOWES. MOVED RECORDER UP TO STA # 767-768			
453	723	709	720	727	810	42										50%							
454	724	710	721	728	811	43										50%							
455	725	711	722	729	812	44										50%				Wind picking up 15 mph + gusting			
456	726	712	723	730	813	45										50%							
457	727	713	724	731	814	46										50%							
458	728	714	725	732	815	47										50%							
459	729	715	726	733	816	48										50%							
460	730	716	727	734	817	49										50%							
461	731	717	728	735	818	50										50%							
462	732	718	729	736	819	51										50%							
463	733	719	730	737	820	52										30%				first halt Vibs will be back on schedule at pause rd			
Skip	734	720	731	738	821	53										Skip							
Skip	735	721	732	739	822	54										Skip				VP # 734 + 735 Skipped due to a house			
464	736	722	733	740	823	55								4		30%				4 Sweeps + low drive " " " "			

OBSERVER REPORT PETTY-RAY GEOPHYSICAL

CREW NO. 6834		LINE NO. 20		LEAVE TOWN/CAMP 7:00		ARRIVE TOWN/CAMP		TOTAL TR. TIME		DOWN TIME		WEATHER CLOUDY		TRAIL CONDITIONS FINE		DATE MONTH 3 DAY 28 YEAR 85		CLIENT Exxon		OP R. POND		PM B. Cassidy		
FILE NO.	STA. NO.	STA. NO'S (LIVE ORPS.)				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 2	TR 3	TR 4				TAPE	MEMORY	SIZE	TOP	BOT.	NO CAPS	U.H.T.	N. UNITS	NO. SUMS	DRIVE						
skip	737	723	734	741	824	28	764	48																Georgia Houston + Dealy Co.
465	740	726	737	744	827	31	764									5	8	30%						E.O.T. 764 Tape Miss.
466	741	727	738	745	828	32	765		Wind	strip							4	60%						B.O.T. 765 #900 10 sec. All over
467	741	727	738	745	828	32											4	30%						4 Sweeps due to a house
skip	742	728	739	746	829	33												strip						VP # 742 + 743 Skipped due to a house
skip	743	729	740	747	830	34												strip						
468	744	730	741	748	831	35												50%						
469	745	731	742	749	832	36	765											50%		5:30				STA#832 E.O.L. F.O.T. 765 Tape Miss.
																								Crew Picking up line #20