

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

EXPERIMENTAL

CLIENT **COCORP** AREA **GEORGIA LINE #** STATE **GA** COUNTY **Oglethorpe** DATE **12-14-79**  
 CREW NO. **6834** TERRAIN **Hilly** WEATHER **Overcast - Damp** LINE NO. **4**

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	80 ~	
1	PULSE					730	Out	IN	301. #730. RECORDER SET UP BETWEEN STA'S 409 1/2 & 409 WILL BE RECORDING STA'S 385 - 432 1/2 USING FULL + HALF STA'S, MAKING UP A FULL 96 STA'S FOR TESTING. PHONES WILL PODED FOR TEST.
2	EINT								
3	DRD								
4	SUM TEST								
5	NRT TEST								
6	Similarity			4				50%	
7	Wind Strip								CHECKING LINE
9	002	384 1/2	385 - 432 1/2	25					1 VIB. 1 SWEEP (8-40 Hz / 2.2 SEC) / 20% DRIVE
11	003	383	385 - 432 1/2	25					4 VIB. 4 SWEEPS " " / 70% DRIVE
13	004	434 1/2	385 - 432 1/2	25					4 VIB. 4 SWEEPS " " / " "
15	005	435 1/2	385 - 432 1/2	25					4 VIB. 16 SWEEPS " " / " "
18	006	434 1/2	385 - 432 1/2	25					First VIB ON FLAG NEXT 3 VIB. SPACED 40' PAD TO PAD Doing 16 SWEEPS MOVING UP 15' / SWEEP 4 VIB 16 SWEEPS (8-40 Hz / 2.2 SEC) / 70% DRIVE CENTER OF 4 VIB ON 435 1/2, SPACED 73' PAD TO PAD Doing 16 SWEEPS MOVING UP 27 1/2' / SWEEP.
23						730			E.O.T. #730
25									FINISHED FOR THE DAY

TOTAL SETUPS: \_\_\_\_\_ TOTAL SWEEPS: \_\_\_\_\_ TOTAL COVERAGE: \_\_\_\_\_ TOTAL FIELD TIME: \_\_\_\_\_ DRIVING TIME: \_\_\_\_\_ SYSTEM NO.: \_\_\_\_\_

SWEEP FREQUENCY: **8-40 Hz / 2.2 SEC** SWEEP PATTERN: **?** SWEEPS PER PATTERN: **?** SWEEP PATTERNS PER SETUP: **?** PATCH PATTERN: **?**

GEOPHONES PER PATCH: **24** NO. OF RECORDING PATCHES: **96** TYPE VIBRATOR: **3-41100'S 1-4900** TYPE GEOPHONE: **ETH-5122B** FREQUENCY: **7.5 Hz** STATION INTERVAL: **?** LINE DIR. 1 TO 24: \_\_\_\_\_

REMARKS: \_\_\_\_\_ OBSERVER: **SIMMONS** PARTY MGR.: \_\_\_\_\_

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

EXPERIMENTAL & PRODUCTION

Exploration Services  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA WINE #4</b>	STATE <b>GA.</b>	COUNTY	DATE <b>12-15-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Overcast - Cool</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	80 ~	
1 933	PULSE	1 - 6 SEC				731	Out	IN		BOI. # 731. FILE # 900-10 SEC ALL ONE'S
424-425	EINI	2 - " "				↑	↑	↑		RECORDER SET UP BETWEEN STA.'S 441 & 442.
436-439	DRD	4 - " "								STA. # 467 OPEN DUE TO BRIDGE. WILL START PULLING
452-454	Sum Test	2 - " "								SPREAD ON WINE # 4. FULL EXPLANATION OF FIELD,
461-461	NRJ TEST	2 - " "								VIB. & GEOPHONE PARAMETERS ON ATTACHED SHEET. IF ANY
6 952	Similarity	1 - 22 SEC		4					50%	CHANGES MADE NEW PARAMETER SHEET WILL BE SENT
7 007	Windstrip	1 - 6 SEC		↑						CHECKING WINE
9 008	470	371 - 466	2						70%	4 VIB. HUDDLED, MINIMUM MOVE UP IF NECESSARY
12 009	470	371 - 466	2						"	4 VIB 50' APART. LEAD VIB. 115' BEHIND FLAG. VIB. MOVING
14 010	472	373 - 468	4						"	UP 25' PER SWEEP.
15 011	474	375 - 470	6						"	STARTING PRODUCTION.
16 012	476	377 - 472	8						"	
17 013	478	379 - 474	10			731			"	EOI # 731
18 014	480	381 - 476	12			732			"	BOI. # 732. FILE # 900-10 SEC ALL ONE'S
19 015	482	383 - 478	14			↑			"	
20 016	484	385 - 480	16						"	
21 017	486	387 - 482	18						"	
22 018	488	389 - 484	20						"	
23 019	490	391 - 486	22						"	
24 020	492	393 - 488	24						30%	VP # 492 STACKED ON FIRST HALF.
25 SKID	494	395 - 490	26			↓	↓	↓	↓	VP # 494 SKIPPED DUE TO HOUSE. FINISHED FOR THE DAY

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz / 22 SEC	SWEEP PATTERN ?	SWEEPS PER PATTERN ?	SWEEP PATTERNS PER SETUP	PATCH PATTERN 112233x332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 3-4110'S 1-4900	TYPE GEOPHONE ETL-EV22B	FREQUENCY 2.5 Hz	STATION INTERVAL 220'
REMARKS 4ms Sample Rate	4/2 SEC RECORD LENGTH	OBSERVER SIMMONS	PARTY MGR.	LINE DIR. 1 TO 24 NE. → SW.	

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>GEORGIA WINE #4</b>	STATE <b>GA.</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-17-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR - COLD</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1 933	PULSE	1 - 6 SEC				732	Out	IN		RECORDER SETUP BETWEEN STA'S 441 & 442
<del>2 934</del>	EINI	2 - " "				↑	↑	↑		STA #467 OPEN DUE TO BRIDGE
<del>3 935</del>	DRD	4 - " "				↓				" 208 " " " STORE & PARKING LOT.
<del>4 936</del>	SUM TEST	2 - " "				732				E.O.I. #732
<del>5 937</del>	NRT TEST	2 - " "				733				BOI #733 FILE #900-10 SEC. ALL ONE'S
6 938	Similarity	1 - 22 SEC.		4		↑				CHECKING WINE
7 021	Wind Strip	1 - 6 SEC.				↑				50% 1-96 CORRELATION MADE ON FILE #022
8 022	496	397 - 492	28							UP'S 498 & 500 SKIPPED DUE TO HOUSE & WELL
9 SKIP	498	399 - 494	30							
10 SKIP	500	401 - 496	32							
11 023	502	403 - 498	34						30%	UP #502 STACKED ON WAST HALF
12 024	504	405 - 500	36						70%	
13 025	506	407 - 502	38						30%	
14 SKIP	508	408 - 504	40							UP #506 SKIPPED DUE TO HOUSE
15 026	510	411 - 506	42						30%	
16 SKIP	512	413 - 508	44							UP'S 512 & 514 SKIPPED DUE TO HOUSE'S
17 SKIP	514	415 - 510	46							
18 SKIP	516	417 - 512	48							UP #516 SKIPPED DUE TO HOUSE RECORDED MOVE
19 027	518	419 - 514	5						30%	RECORDED SETUP BETWEEN STA'S 488 & 489
20 028	220	421 - 516	5						30%	STACKED ON FIRST HALF
21 SKIP	522	423 - 518	7			↓				UP #522 SKIPPED DUE TO HOUSE
22 029	524	425 - 520	9			733			30%	UP #524 STACKED ON WAST HALF. E.O.I. #733
23 SKIP	526	427 - 522	11			█				UP #526 SKIPPED DUE TO HOUSE
24 031	528	429 - 524	13			734			30%	BOI #734 FILE #900-10 SEC ALL ONE'S, 1-96 CORR. MADE ON FILE #031
25 032	530	431 - 526	15			↑	↓	↓		

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8-40 Hz / 22 SEC		SWEEP PATTERN 535' SOURCE AREA		SWEEPS PER PATTERN 16	
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		PATCH PATTERN 112233X332211	
REMARKS 4ms Sample Rate		42 SEC RECORD LENGTH		OBSERVER GIMMONS	
TYPE VIBRATOR 13-4100'S 1-4900		TYPE GEOPHONE 4100'S		FREQUENCY 25 Hz.	
STATION INTERVAL 220'		LINE DIR. 1 TO 24 N/E. → SW.		PARTY MGR.	

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DIGITAL VIBROSEIS RECORDER

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CLIENT <b>COCORP</b>	AREA <b>Georgia Line # 4</b>	STATE <b>GA.</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-17-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR &amp; COLD</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	/NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~	70~	
1	SKIP 532	435 - 528	17	4		734	Out	TW		VP# 532, SKIPPED DUE TO house
2	033 534	435 - 530	19	↑		↑	↑	↑	30%	V.P.# 534 STACKED ON LAST HALF
3	034 536	437 - 532	21	↑		↑	↑	↑	30%	
4	035 538	439 - 534	23	↑		↑	↑	↑	30%	
5	036 540	441 - 536	25	↑		↑	↑	↑	30%	
6	037 542	443 - 538	27	↓		↓	↓	↓	30%	STACKED ON FIRST HALF
7	038 544	445 - 540	29	↓		734	↓	↓	30%	E.O.T. # 734 DP# 544 STACKED ON LAST HALF DUE TO house
8										
9										FINISHED FOR THE DAY
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17										
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19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-40 Hz / 22 sec.</b>	SWEEP PATTERN <b>525 SOURCE ARRAY</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-4110'S 1-900</b>	TYPE GEOPHONE <b>ETW - EV22B</b>	FREQUENCY <b>2.5 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS <b>4 mas. SAMPLE RATE 4/2 SEC. RECORD LENGTH.</b>	OBSERVER/ <b>SIMMONS</b>		PARTY MGR.		

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CLIENT	COCORP	AREA	GEORGIA WINE #4	STATE	GA.	COUNTY	Oglethorpe	DATE	12-18-79
CREW NO.	6834	TERRAIN	Hilly	WEATHER	Clear & Cool	LINE NO.		4	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60 ~	
1 933	PULSE	1 - 6 SEC				735	Out	IN	RECORDER SET UP BETWEEN STA'S 518 & 519
2 934	ETNT	2 - " "							BOT. # 735. FILE # 900-10 SEC. ALL ONE'S.
3 935	DRD	4 - " "							Sta # 467 Open Due to BRIDGE
4 936	Sim TEST	2 - " "							" 508 " " " STORE & PARKING LOT
5 937	NRT TEST	2 - " "							Noise On Sta's 514-538 Due to logging OPERATIONS
6 938	SIMILARITY	1 - 22 SEC		4					50%
7 039	WIND STRIP	1 - 6 SEC.							CHECKING LINE
8 040	546	447 - 542	1						70% 1-96 CORRELATION MADE ON FILE # 040
9 041	548	449 - 544	3						
10 042	550	451 - 546	5						
11 043	552	453 - 548	7						30% UP # 552 STACKED ON FIRST HALF
12 044	554	455 - 550	9						UP # 554 SKIPPED DUE TO HOUSE
13 045	556	457 - 552	11						30% UP # 556 STACKED ON LAST HALF
14 046	558	459 - 554	13			735			70% EOT # 735
15 047	560	461 - 556	15			736			" BOT # 736. FILE # 900-10 SEC. ALL ONE'S
16 048	562	463 - 558	17						"
17 049	564	465 - 560	19						"
18 050	566	467 - 562	21						"
19 051	568	469 - 564	23						"
20 052	570	471 - 566	25						"
21 053	572	473 - 568	27						30% UP'S 572 & 576 SWEEP IN A 3' ARRAY (75' SPACING BETWEEN VIB. #
22 054	574	475 - 570	29			736			70% 25' MOVE UP, STARTING 75' BEHIND (UP) AS PER DR. KAUFMAN REQUEST. EOT. 736
23 055	576	477 - 572	31			737			" BOT. # 737. FILE # 900-10 SEC. ALL ONE'S. FILE # 054 WIND STRIP.
24 056	578	479 - 574	33						30% 3 RAW SWEEPS (FOR DR. KAUFMAN. 2, 1-48 49-46 FOR GUILTY CONTROL) MADE ON FILE # 056
25 057	580	481 - 574	35						

Note Special Test for Kaufman

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY	SWEEP PATTERN	SWEEPS PER PATTERN	SWEEP PATTERNS PER SETUP	PATCH PATTERN	
8-40 Hz / 22 SEC.	525' SOURCE ARRAY	16	1	1122.33 x 3322.11	
GEOPHONES PER PATCH	NO. OF RECORDING PATCHES	TYPE VIBRATOR	TYPE GEOPHONE	FREQUENCY	STATION INTERVAL
24	96	12-41100'S 1-4900	ETL-EV22B	25 Hz.	220'
REMARKS	OBSERVER	PARTY MGR.	LINE DIR. 1 TO 24 NE. → SW.		
4ms. Sample Rate 42 SEC. RECORD LENGTH.	SIMMONS				

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

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CLIENT <b>COCORP</b>	AREA <b>GEORGIA WINE #4</b>	STATE <b>GA.</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-18-99</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR &amp; Cool</b>		LINE NO. <b>4</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60~		
1	Skip 580	481 - 576	35	4		737	Out	TN		<del>Sta. 578 - 590</del> CABLES ONLY DUE PROBLEM REACHING OWNER, WILL NOT VIB. THOSE STA'S  30% 30% RECORDER MOVE 30% RECORDER SET UP BETWEEN STA.'S 531 & 532 70% " EOI # 737 " BOT. # 738 FILE # 90-10 SEC ALL ONES "
2	Skip 582	483 - 578	37	↑		↑	↑	↑		
3	Skip 584	485 - 580	39			↑	↑	↑		
4	Skip 586	487 - 582	41			↑	↑	↑		
5	Skip 588	489 - 584	43			↑	↑	↑		
6	Skip 590	491 - 586	45			↑	↑	↑		
7	057 591	492 - 587	46			↑	↑	↑		
8	058 592	493 - 588	47			↑	↑	↑		
9	059 594	495 - 590	49			↑	↑	↑		
10	060 596	497 - 592	39			↑	↑	↑		
11	061 598	499 - 594	41			↑	↑	↑		
12	062 600	501 - 596	43			737				
13	063 602	503 - 598	45			738				
14	064 604	505 - 600	47			↑				
15	065 606	507 - 602	49	↓		↓	↓	↓		
16										
17									FINISHED FOR THE DAY	
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-40 Hz / 22 SEC</b>	SWEEP PATTERN <b>525' SOURCE ARRAY</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-4100'S 1-4000</b>	TYPE GEOPHONE <b>ETL-EV22B</b>	FREQUENCY <b>25 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS <b>4ms SAMPLE RATE 42 SEC RECORD LENGTH</b>	OBSERVER <b>SIMMONS</b>		PARTY MGR.		

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

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CLIENT <b>C.O.CORP.</b>	AREA <b>GEORGIA LINE # 4</b>	STATE <b>GA.</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-19-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>CLEAR &amp; COOL</b>		LINE NO. <b>4</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER		REMARKS
							LOCUT	60~	
1	PULSE	1 - 6 SEC		4		738	Out	LN	RECORDER SET UP BETWEEN STA.'S 579 & 580
<del>2</del>	<del>FINI</del>	<del>2 - " "</del>							
<del>3</del>	<del>DRD</del>	<del>4 - " "</del>							
<del>4</del>	<del>SUM TEST</del>	<del>2 - " "</del>							
<del>5</del>	<del>NRJ TEST</del>	<del>2 - " "</del>							
6	Similarity	1 - 22.5 SEC		4					50%
7	Wind Strip	1 - 6 SEC.							30%
8	608	509 - 604	2						10%
9	610	511 - 606	4						
10	612	513 - 608	6			738			
11	614	515 - 610	8			739			
12									
13									
14									
15									
16									
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21									
22									
23									
24									
25									

Checking line  
1-96 CORRELATION MADE ON FILE #067  
LOT. 738  
BOT. 739. FILE #000-10 SEC. ALL ONE'S

FINISHED FOR THE DAY

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8 - 40 HZ / 22 SEC.</b>	SWEEP PATTERN <b>525 SOURCE ARRAY</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-4100'S 1-4100</b>	TYPE GEOPHONE <b>ETH-EV22B</b>	FREQUENCY <b>25 Hz</b>	STATION INTERVAL <b>220'</b>
REMARKS <b>4ms SAMPLE RATE 42 SEC. RECORD LENGTH.</b>	OBSERVER <b>SIMMONS</b>	PARTY MGR.			

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CLIENT <b>COCORP</b>	AREA <b>Georgia Line # 4</b>	STATE <b>GA.</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-20-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Clear &amp; Cool</b>		LINE NO. <b>4</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60 ~	60 ~	
1 933	PULSE	1 - 6 SEC				739	Out	IN		RECORDER SET UP BETWEEN STA'S 588 & 589
<del>934</del>	EINT	2 - " "				↑	↑	↑		
<del>936-939</del>	DRD	4 - " "				↑				
<del>953-954</del>	Sum Test	2 - " "				↑				
<del>960-961</del>	NRT TEST	2 - " "				↑				
6 932	Sinnhapity	1 - 22 SEC		4					50%	
7 071	Wind Strip	1 - 6 SEC		↑						CHECKING LINE
8 072	616	517 - 612	1						70%	1-96 CORRELATION MADE ON FILE # 072
9 073	618	519 - 614	3						"	FILE # 072 - 42 SEC. RECORD
10 074	620	521 - 616	5						"	
11 075	622	523 - 618	7						"	
12 076	624	525 - 620	9			739			"	E.O.T. # 739
13 077	626	527 - 622	11			740			"	B.O.T. # 740. FILE # 900-10 SEC ALL ONE'S
14 078	628	529 - 624	13			↑			"	
15 <del>079</del>	630	531 - 626	15			↑			"	
16 080	632	533 - 628	17			↑			"	
17 081	634	535 - 630	19			↑			"	1 RAW SWEEP MADE ON FILE 081
18 082	636	537 - 632	21			↑			"	VIB # 16344 DOWN DUE TO BLOWN OIL BASKET, STANDING BY
19 083	638	539 - 634	23			↓			"	
20 084	640	541 - 636	25			740			"	E.O.T. # 740. RUNNING CABLE WITH REVERSE PAIR
21 086	642	543 - 638	27			741			"	B.O.T. # 741. FILE # 900-10 SEC ALL ONE'S. FILE # 085 WIND STRIP
22 087	644	545 - 640	29			↑			"	
23 088	646	547 - 642	31			↓			"	FINISHED FOR THE DAY
24	<del>648</del>	<del>549 - 644</del>	<del>33</del>							
25	<del>650</del>	<del>551 - 646</del>	<del>35</del>							

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY <b>8-40Hz/22 SEC.</b>	SWEEP PATTERN <b>525 SOURCE ARRAY</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>112233x352211</b>
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-400'S 1-400</b>	TYPE GEOPHONE <b>ETN-FV22B</b>	FREQUENCY <b>25 Hz</b>
REMARKS <b>4ms SAMPLE RATE 42 SEC. RECORD LENGTH</b>		OBSERVER <b>SIMMONS</b>	PARTY MGR.	
		STATION INTERVAL <b>220'</b>	LINE DIR. <b>NE → SW</b>	

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DIGITAL VIBROSEIS RECORDER

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Geosource Inc.

CLIENT <b>COCORP.</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GA</b>	COUNTY <b>Oglethorpe</b>	DATE <b>12-21-79</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Overcast - Cool</b>		LINE NO. <b>4</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDF SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	60 ~	50 ~	
1	933 Pulse	1 - 6 SEC.				741	Out	TN		RECORDER SET UP BETWEEN STA'S 619 & 620
<del>2</del>	<del>ETNT</del>	<del>2 - " "</del>								
<del>3</del>	<del>DRD</del>	<del>4 - " "</del>								
<del>4</del>	<del>Sum Test</del>	<del>2 - " "</del>								
<del>5</del>	<del>NRT Test</del>	<del>2 - " "</del>								
6	932 Similarity	1 - 229 SEC.							50%	
7	089 Wind Strip	1 - 6 SEC.		4					70%	CHECKING WIND
8	090 648	549 - 644	2						"	1-96 CORRELATION MADE ON FILE #15 090 - 093.
9	091 650	551 - 646	4						"	UP'S # 650 + 653 TEST SOURCE ARRAY (660' - 3/1) AS PER
10	092 652	555 - 648	6			741			"	DR. KAUFMAN'S REQUEST. E.O.T. #741
11	093 654	555 - 650	8			742			"	B.O.T. #742. FILE #900 - 10 SEC ALL ONE'S
12	SKIP 656	557 - 652	10							
13	SKIP 658	559 - 654	12							
14	SKIP 660	561 - 656	14							VP'S 656 - 664 SKIPPED DUE TO HOUSE & CHICKEN COUPS.
15	SKIP 662	563 - 658	16							
16	SKIP 664	565 - 660	18							
17	094 666	567 - 662	20						70%	
18	095 668	569 - 664	22						"	
19	096 670	571 - 666	24						30%	UP # 670 STACKED ON FIRST HALF
20	SKIP 672	573 - 668	26							VP # 672 SKIPPED DUE TO HOUSE
21	097 674	575 - 670	28						30%	
22	098 676	577 - 676	30						30%	3 Raw Sweeps (For Dr. Kaufman 2/1/80 - 1/1/81) Made on File # 098
23	SKIP 678	579 - 674	32							UP # 678 SKIPPED DUE TO TRAILER
24						742				E.O.T. #742. FILE #099 Wind Strip
25										FINISHED FOR THE DAY, PICKING UP LINE FOR CHRISTMAS HOLIDAY.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
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SWEEP FREQUENCY <b>8-40 Hz / 22 SEC.</b>	SWEEP PATTERN <b>525' SOURCE ARRAY</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>112233x332211</b>
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>3-4100'S 1-4900</b>	TYPE GEOPHONE <b>5TL - EV 22</b>	FREQUENCY <b>25 Hz.</b>
REMARKS <b>4ms SAMPLE RATE 4 1/2 SEC RECORD LENGTH.</b>	OBSERVER <b>SIMMONS</b>		STATION INTERVAL <b>220'</b>	LINE DIR. 1 TO 24 <b>NE. → SW</b>

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

CLIENT <b>COCORP.</b>	AREA <b>GEORGIA LINE #4</b>	STATE <b>GA.</b>	COUNTY <b>Oglethorpe</b>	DATE <b>1-2-80</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hilly</b>	WEATHER <b>Overcast-Cold-Rain</b>	LINE NO. <b>4</b>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	60~	DRIVE	
1	933	PULSE	1			743	Out	IN		RECORDER SET UP BETWEEN STA 662 & 663
2	934	EINT	2							No phone's ON STA'S 578-590 DUE TO NO PERMIT
3	935	DRD	4							BOT # 234 FILE # 900-10 SEC. ALL ONE'S
4	936	SUM TEST	2							
5	937	NRT TEST	2							
6	938	Similarity	1						50%	Starting to RAIN
7	099	WIND SCRIP	1							Checking WINE
8	100	680	581-676	231					30%	V.P. # 680 STACKED ON LAST HALF. 1-96 CORR. MADE ON FILE # 100
9	101	682	583-678	233					70%	
10	102	684	585-680	235					30%	V.P. # 684 STACKED ON FIRST HALF.
11	Skip	686	587-682	237						V.P. # 686 SKIPPED DUE TO
12	103	688	589-684	239					30%	V.P. # 688 STACKED ON FIRST HALF
13	104	690	591-686	1					30%	" 690 " " LAST "
14	105	692	593-688	3		743			70%	E.O.T # 743
15	106	694	595-680	5		744			30%	B.O.T # 744 FILE # 900-10 SEC. ALL ONE'S. V.P. # 694 STACKED ON FIRST HALF
16	Skip	696	597-692	7						
17	Skip	698	599-694	9						V.P. # 698 - 700 SKIPPED DUE TO HOUSE, CHICKEN HOUSE.
18	Skip	700	601-696	11						
19	107	702	603-698	13					30%	V.P. # 702 STACKED ON LAST HALF
20	108	704	605-700	15					70%	5 RAW SWEEP (1 FOR DE KATHOM, 2 FOR QUILTY CONTROL) MADE ON FILE # 108
21	109	706	607-702	17						" STARTING TO RAIN. STANDING BY FOR LIGHTNING & RAIN.
22	110	708	609-704	19					30%	V.P. # 708 STACKED ON FIRST HALF
23	Skip	710	611-706	21						" 710 SKIPPED DUE TO EQUALIZER
24	111	712	613-708	23					30%	V.P. # 712 STACKED ON LAST HALF
25	112	714	615-710	25						

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-40 Hz / 22 SEC.</b>		SWEEP PATTERN <b>535' SOURCE ARRAY</b>		SWEEPS PER PATTERN <b>16</b>	
GEOPHONES PER PATCH <b>24</b>		NO. OF RECORDING PATCHES <b>96</b>		TYPE VIBRATOR <b>1-41100's</b>	
TYPE GEOPHONE <b>ETG-EV22B</b>		FREQUENCY <b>7.5 Hz.</b>		STATION INTERVAL <b>220'</b>	
REMARKS <b>4 HAS SAMPLE RATE 4.2 SEC. RECORD LENGTH.</b>		OBSERVER <b>SIMMONS</b>		PARTY MGR.	
PATCH PATTERN <b>112233x332211</b>		LINE DIR. <b>NE -&gt; SW</b>			

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>Georgia Line # 4</b>	STATE <b>GA.</b>	COUNTY <b>Oglethorpe</b>	DATE <b>1-7-80</b>
CREW NO. <b>6834</b>	TERRAIN <b>Hill</b>	WEATHER <b>Overcast - Cold - Rain</b>		LINE NO. <b>4</b>

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	30 ~	
1	716	617 - 712	27	4		744	Out	IN	30%	EOT # 744
2	SKIP	619 - 714	29	↑			↑	↑		UP # 718 SKIPPED DUE TO HOUSE
3	114	621 - 716	31	↓		745	↓	↓	30%	301 # 715 FILE # 900-10 SEC ALL ONE'S. UP # 720 STACKED ON LAST HALF
4	SKIP	623 - 718	33	↓		↑	↓	↓		UP # 722 SKIPPED DUE TO HOUSE
5	115	625 - 720	35	↓		↓	↓	↓	30%	UP # 724 STACKED ON LAST HALF
6										
7										FINISHED FOR THE DAY.
8										
9										
10										
11										
12										
13										
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15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY <b>8-40 Hz / 22 SEC.</b>	SWEEP PATTERN <b>575' SOURCE ARRAY</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>112233X332211</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>5-9100'S</b>	TYPE GEOPHONE <b>ETL-FV22</b>	FREQUENCY <b>25 Hz.</b>	STATION INTERVAL <b>220'</b>
REMARKS <b>4ms SAMPLE RATE 4/2 SEC RECORD LENGTH</b>	OBSERVER <b>SIMMONS</b>		PARTY MGR.		
					LINE DIR. <b>1 TO 24 NE → SW.</b>

OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

CLIENT **COCORP** AREA **GEORGIA LINE #4** STATE **GA.** COUNTY **Dalton** DATE **1-11-80**  
 CREW NO. **6834** TERRAIN **Hilly** WEATHER **Overcast - Drizzle - Fog** LINE NO. **4**

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R		RE MARKS
							LOCUT	60 ~	
1	PULSE	1 - 6 Sec.				745	Out	IN	RECORDER SET UP BETWEEN STA'S 665 & 670 ENTIRE LINE COMPLETELY WATER SATURATED, HAS BEEN RAINING THE LAST 7 DAYS. GROUND CURRENT HEAVY. ATTEMPTING TO CORRECT SITUATION AS FAR AS RAIN SITUATION WILL ALLOW.
<del>234</del>	EINT	2 - " "							
<del>432-939</del>	DRD	4 - " "							
<del>433+957</del>	SUM TEST	2 - " "							
<del>960/961</del>	NRI TEST	2 - " "							
6	Similary	1 - 22 Sec		4				50%	
7	WIND SCRIP	1 - 6 Sec.							CHECKING LINE
8	726	627 - 722	34					30%	UP #726 STACKED ON FIRST HALF
9	728	629 - 724	36					30%	" 728 " " LAST HALF
10	730	631 - 726	38					20%	
11	732	633 - 728	40			745		"	E.O.L. #745. 1-9% CORR. MADE ON FILE # 120
12	734	635 - 730	42	Y		746	↓	30%	30T #746. FILE #900-10 SEC. ALL ONE'S. E.O.L. #4, Picking up LINE #4. VP #734 STACKED ON FIRST HALF.
13									
14									
15		E.O.L.							
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

TOTAL SETUPS: \_\_\_\_\_ TOTAL SWEEPS: \_\_\_\_\_ TOTAL COVERAGE: \_\_\_\_\_ TOTAL FIELD TIME: \_\_\_\_\_ DRIVING TIME: \_\_\_\_\_ SYSTEM NO.: \_\_\_\_\_

SWEEP FREQUENCY: **8-40 Hz / 22 SEC.** SWEEP PATTERN: **525' SOURCE ARRAY** SWEEPS PER PATTERN: **16** SWEEP PATTERNS PER SETUP: **1** PATCH PATTERN: **112233 X 532211**

GEOPHONES PER PATCH: **24** NO. OF RECORDING PATCHES: **96** TYPE VIBRATOR: **3-4100'S 1-0900** TYPE GEOPHONE: **6TL - EV22B** FREQUENCY: **25 Hz** STATION INTERVAL: **220'** LINE DIR. 1 TO 24: **NE. → SW**

REMARKS: **4ms. SAMPLE RATE 42 SEC. RECORD LENGTH** OBSERVER: **SIMMONS** PARTY MGR.: \_\_\_\_\_