

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

CLIENT <b>COCORP</b>	AREA <b>OKLA.</b>	STATE <b>OKLA.</b>	COUNTY <b>Washita</b>	DATE <b>11/25/80</b>
CREW NO. <b>6834</b>	TERRAIN <b>High Plains</b>	WEATHER <b>Cloudy &amp; Light Snow</b>		LINE NO. <b>7</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~	AMP	
1	933 Pulse	1-6sec				116	OUT	IN		Recorder set AT 72-73 START OF line # 7
2	<del>934</del> 935 FINT	2-'' ''								#86 Dead due to Bridge.
3	<del>936</del> 939 D.R.D.	4-'' ''								#80-81 1 mile OFFSET NORTH.
4	<del>953</del> 254 Sum test	2-'' ''								Finished picking up line #6 + moved Equipment to
5	<del>960</del> 961 N. Rt. test	2-'' ''								line #7.
6	932 Similarity	1-26sec	225	4					50%	Vib # 12666 Down Broken Column Bolt. getting
7	001 Wind Strip	1-6sec							-	Repaired. Hwy 183 AT 49-50
8	002 99	1-96	1						50%	From 97 to 117 Picking noise From High line Running
9	003 102	4-99	4						70%	Down Line.
10	004 105	7-102	7						70%	
11	005 108	10-105	10						70%	
12	006 111	13-108	13			116			70%	EOT # 116 TAPE MKTS
13	008 114	16-111	16			117			50%	Bot #117 *900 10sec Allowex *007 6sec wind strip.
14	009 117	19-114	19						70%	#114 stacked 1st half.
15	010 120	22-117	22						70%	#120 stacked 1st half.
16	SKIP 123	25-120	25						SKIP	#123 SKIP Due to houses.
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 → 40Hz / 26sec</b>	SWEEP PATTERN <b>4/163</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>111111122222111111</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-Y11005 1-Y900</b>	TYPE GEOPHONE <b>ETLEV22B</b>	FREQUENCY <b>7.5Hz</b>	STATION INTERVAL <b>330'</b>
REMARKS <b>4ms Sample Rate / 42 sec Record</b>			OBSERVER <b>R. Patton / J. Wings</b>	LINE DIR. 1 TO 24 <b>W → E</b>	
			PARTY MGR.		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
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Geosource Inc.**

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CLIENT <b>COCORP</b>	AREA <b>OKLA.</b>	STATE <b>OKLA.</b>	COUNTY <b>Washita</b>	DATE <b>11/26/80</b>
CREW NO. <b>6834</b>	TERRAIN <b>High Plains</b>	WEATHER <b>Cloudy</b>		LINE NO. <b>7</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.				117	04T	IN		Recorder set up at 85-86
2	<del>934</del> <del>935</del> FINT	2- " "								#86 Dead due to Bridge
3	<del>936</del> <del>939</del> D.R.D.	4- " "								#80-81 1 mile offset North
4	<del>953</del> <del>954</del> Sum test	2- " "								Hwy. 183 at sta's. 49-50
5	<del>960</del> <del>961</del> N.R.J test	2- " "								Electric Fence's Running Along Line on Both Sides.
6	932 Similarity	1-26 sec.	225	5					50%	From 90-109 Also Elect Fence's on Back of Line.
7	011 Wind Strip	1-6 sec.	13						-	
8	012 124	26-121	13	5					50%	*124 stacked last half
9	skip 127	29-124	16						skip	*127 skip due to Farm Buildings + water well.
10	013 128	30-125	17			117			50%	EOT #117 Tape mts 128 stacked last half
11	015 131	33-128	20			118			70%	Bot #118 *900 10sec All ones *014 6sec wind strip.
12	016 134	36-131	23						70%	
13	017 137	39-134	26						50%	*137 stacked 1st half
14	skip 140	42-137	29						skip	*140 skip due to water well
15	018 143	45-140	32						50%	*143 stacked last half
16	019 146	48-143	35						70%	
17	020 149	51-146	38						50%	*149 stacked 1st half.
18	skip 152	54-149	41						skip	*152 skip due to house's
19	021 153	55-150	42			118			50%	*153 stacked last half. EOT #118 Tape mts.
20	skip 156	58-153	45						skip	156 skip due to Bridge
21										
22										Finished For the Day
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 40 Hz / 26 sec	SWEEP PATTERN 4/163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 11111122222111111	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y1100's 1-Y900	TYPE GEOPHONE ETLEV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 330'
REMARKS 4ms Sample Rate / 42 sec. Record	OBSERVER R. Patton / C. Wings	PARTY MGR. L. Davis		LINE DIR. 1 TO 24 W → E	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division** 3  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>OKIA</b>	STATE <b>OKIA</b>	COUNTY <b>WASHITA</b>	DATE <b>12-1-80</b>
CREW NO. <b>6834</b>	TERRAIN <b>High Plains</b>	WEATHER <b>Clear + Windy</b>	LINE NO. <b>7</b>	

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 ~	AMP	
1	933	Pulse	1-6 sec			119	out	IN		Recorder set AT 130-131. # 86 Dead due to Bridge
2	934/935	EINT	2 " "							Bot # 119 *900 10 sec All ones. # 156 Dead due to Bridge
3	936/939	DRD	4 " "							*80-81 1 mile offset north.
4	953/954	Sum test	2 " "							From 59-80 pipe line Running Along line heavy
5	960/961	N.R.J TEST	2 " "							machinery working. Cows close to line AT *152 *153 + *154
6	932	similarity	1 - 26 sec	225	5				50%	From 90-109 Electric Fence Running Along line, on both
7	022	wind strip	1 - 6 sec	1						Sides of Road.
8	023	157	59 - 154	1	5				70%	wind picking up.
9	024	160	62 - 157	4					50%	stacked 1st half due to water well
10	025	163	65 - 160	7					50%	stacked last half
11	026	166	68 - 163	10					70%	Other seismic crews working in Area.
12	027	169	71 - 166	13		119			70%	EOT *119 Tape MKTs.
13	SKIP	172	74 - 169	16		120			SKIP	Bot #120 *900 10 sec All ones #028 6 sec wind strip.
14	029	174	76 - 171	18	4	120			50%	stacked last half *174. *172 skip due water well.
15	030	177	79 - 174	21					70%	Vib #173 11 Temp Down starting VP *174.
16	031	180	82 - 177	24					70%	
17	032	183	85 - 180	27					70%	
18	033	186	88 - 183	30					50%	stacked 1st half #186.
19	SKIP	189	91 - 186	33					SKIP	#189 skip due to water well
20	034	190	92 - 187	34					50%	#190 stacked last half due to water well.
21	035	193	95 - 190	37		120			50%	*193 stacked 1st half. EOT *120 Tape MKTs
22	037	196	98 - 193	40		121			50%	Bot #121 *900 10 sec All ones #036 6 sec wind strip.
23	038	198	100 - 195	42					70%	VP #196 stacked last half. wind picking up.
24	039	199	101 - 196	43					70%	
25	040	200	102 - 197	44					70%	Finished For the Day.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 40 Hz / 26 sec	SWEEP PATTERN 4 163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 111111 22 22 111111	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y 1100 1-Y 900	TYPE GEOPHONE ETL EV 22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4ms Sample Rate / 42 sec Record	OBSERVER R. PATTON	LINE DIR. 1 TO 24 W → E	PARTY MGR.		

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division  
Geosource Inc.**

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CLIENT <b>COCORP</b>	AREA <b>OKIA</b>	STATE <b>OKIA</b>	COUNTY <b>Washita</b>
CREW NO. <b>6834</b>	TERRAIN <b>High Plains</b>	WEATHER <b>Clear + windy</b>	DATE <b>12-2-80</b>
			LINE NO. <b>7</b>

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 ~	AMP	
1	933	Pulse				121	OUT	IN		Recorder set AT 189-190 #156 Dead due to bridge.
2	934/935	EINT								From STA's 201-215 skip due to houses + water wells.
3	936/939	DRD								
4	953/954	Sum TEST								Wind 20-25 mph + Gusting.
5	969/961	N.R.J. TEST								Vib #17311 Down
6	932	Similarity	225	4		121			50%	EOT #121 tape mlt's
7	041	Wind Strip	1			122			-	BOT #122 #900 10 sec #11 ones. Checking line
8	042	216	118 - 213	1	4				70%	
9	043	217	119 - 214	2					70%	Wind picking up standing Br. Wind still gusting
10										Shutting Down to noisy.
11										
12										
13										
14										
15										
16										
17										
18										
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20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 40Hz / 26 sec		SWEEP PATTERN 4163		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 1111112222111111			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y 1100 1-Y 900	TYPE GEOPHONE ETL EV22B	FREQUENCY 7.5	STATION INTERVAL 330'
REMARKS 4ms Sample Rate / 42 sec Record Length.			OBSERVER R. PATTON	PARTY MGR.	

# OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division 5  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>OKIA</b>	STATE <b>OKIA</b>	COUNTY <b>Washita</b>	DATE <b>12-3-80</b>
CREW NO. <b>6834</b>	TERRAIN <b>High Plains</b>	WEATHER <b>Clear + Windy</b>		LINE NO. <b>7</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			122	OUT	IN		Recorder set AT 191-192 #156 Dead due to Bridge.
2	934/935	EINT	2 - " "							
3	936/939	DRD	4 - " "							
4	953/954	Sum Test	2 - " "							Wind 15-20 MPH
5	960/961	N.R.I. TEST	2 - " "							
6	932	Similarity	1 - 26 sec	225	4				50%	Vib # 17311 Down
7	044	Wind Strip	1 - 6 sec	1						Checking line
8	045	218	120 - 215	1	4				70%	CORR-1-96
9	046	221	123 - 218	4					70%	
10	047	224	126 - 221	7		122			70%	EOT # 122 Tape MKTS. Vib # 12666 Temp Down Cleaned Cards.
11	049	227	129 - 224	10		123			50%	BOT # 123 #900 10 sec All ones #048 6 sec wind strip
12	SKIP	230	132 - 227	13					SKIP	#227 stacked 1st half, #230 skip due to house water well.
13	050	233	135 - 230	16					50%	#233 stacked last half. Wind picking up + gusting
14										Shutting Down TOONOISY.
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 8 → 40 Hz / 26 sec		SWEEP PATTERN 4163		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 111111 2 222 111111			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y 1100 1-Y 900	TYPE GEOPHONE ETL EV 22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4ms Sample Rate / 42sec. Record Length			OBSERVER R. PATTON	LINE DIR. 1 TO 24 W → E	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc.

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CLIENT <b>COCORP</b>	AREA <b>OKLA.</b>	STATE <b>OKLA.</b>	COUNTY <b>Washita</b>	DATE <b>12/4/80</b>
CREW NO. <b>6834</b>	TERRAIN <b>High Plains</b>	WEATHER <b>Overcast + Windy</b>		LINE NO. <b>7</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 ~	AMP	
1	933 Pulse	1 - 6 sec.				123	OUT	IN		Recorder set AT 209-210 #156 Dead due to Bridge.
2	<del>934</del> <del>935</del> FTNT	2 - " "								#237 Dead due to Bridge.
3	<del>936</del> <del>939</del> D.R.D.	4 - " "								DYNAMITE Crew shooting in AREA toward the back of line.
4	<del>953</del> <del>954</del> Sum test	2 - " "								
5	<del>960</del> <del>961</del> N.R.T. test	2 - " "								
6	932 Similarity	1 - 2.6 sec.	225	4					50%	Vib #17311 Down Wind 20-25 mph + picking up.
7	051 Wind strip	1 - 6 sec.	1						-	Checking line
8	052 236	138 - 233	1	4					70%	CORR 1-96
9	053 239	141 - 236	4						50%	#239 stacked 1st half due to water well.
10										Wind has picked up + Gusting JUST TOO NOISY.
11										Shutting Down
12										
13										Finished for the Day
14										
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 8 → 40Hz / 2.6 sec.		SWEEP PATTERN 4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 1111112222111111
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-41100's 1-4900	TYPE GEOPHONE ETLEV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 330'
REMARKS 4ms. Sample Rate / 42 sec Record Length			OBSERVER R. Patton	PARTY MGR. L. Davis	

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc.

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CLIENT <b>COCORP</b>			AREA <b>OKIA</b>			STATE <b>OKIA</b>			COUNTY <b>Washita</b>			DATE <b>12-5-80</b>		
CREW NO. <b>6834</b>			TERRAIN <b>High Plains</b>			WEATHER <b>Cloudy + Windy</b>			LINE NO. <b>7</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 ~	AMP					
1	933 Pulse	1 - 6 sec				124	OUT	IN		Bot #124 *900 10sec All ones. Recorder set AT 215-216				
2	934/935 EINT	2 - " "								#156 + 237 Both Dead due to Bridge.				
3	936/939 DRD	4 - " "												
4	953/954 Sum TEST	2 - " "								Other seismic crews in Area				
5	960/961 NRJ TEST	2 - " "								Electric Fence From 190 - 206				
6	932 Similarity	1 - 26 sec	225	4					50%	Vib #14256 Down				
7	054 Wind Strip	1 - 6 sec	1											
8	055 242	144 - 239	1	4					50%	#242 stacked last half due to water well.				
9	056 245	147 - 242	4						50%					
10	057 248	150 - 245	7						50%					
11	057 249	151 - 246	8						50%	#249 stacked last half.				
12	058 252	154 - 249	11						70%					
13	059 255	157 - 252	14						50%	#255 skip due to water well.				
14	059 257	159 - 254	16			124			50%	#257 stacked last half EOT. #124 Tape MKTS				
15	061 260	162 - 257	19			125			70%	Bot #125 *900 10sec All ones #060 6 sec wind strip.				
16	062 263	165 - 260	22						70%					
17	063 266	168 - 263	25						70%					
18	064 269	171 - 266	28						50%	#269 skip due to houses.				
19	064 271	173 - 268	30						50%	#271 stacked last half.				
20	065 274	176 - 271	33						50%	#274 skip due to houses + propane tank.				
21	065 275	177 - 272	34						50%	#275 stacked last half				
22	066 278	180 - 275	37						70%					
23	067 281	183 - 278	40			125			70%	EOT #125 Tape MKTS				
24	069 284	186 - 281	43			126			50%	Bot #126 *900 10sec All ones #068 6 sec wind strip.				
25	070 287	189 - 284	46						50%	stacked last half #287. Finished For The Day.				
TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE			TOTAL FIELD TIME			DRIVING TIME		SYSTEM NO.		
SWEEP FREQUENCY 8 → 40Hz / 26 sec		SWEEP PATTERN 4163		SWEEPS PER PATTERN 16			SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 111111 2222 111111					
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 4-Y-1100 1-Y-900		TYPE GEOPHONE ETL EV 22B		FREQUENCY 7.5 Hz		STATION INTERVAL 330'		LINE DIR. 1 TO 24 W → E		
REMARKS 4 ms Sample Rate / 42 sec Record Length							OBSERVER R. Patton			PARTY MGR.				

# OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

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CLIENT <b>COCORP</b>	AREA <b>OKIA</b>	STATE <b>OKIA</b>	COUNTY <b>Washita</b>
CREW NO. <b>6834</b>	TERRAIN <b>High Plains</b>	WEATHER <b>Cloudy + Windy</b>	DATE <b>12-6-80</b>
			LINE NO. <b>7</b>

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 ~	AMP	
1	933	Plusc	1 - 6 sec			126	OUT	IN		Recorder set AT 263-264
2	934/935	FINT	2 - " "							#237 Dead due TO Bridge.
3	936/939	DRD	4 - " "							#308 Dead due to Driveway.
4	953/954	Sum TEST	2 - " "							Electric Fence From 190-206, Also Electric Fences Along Front of Line.
5	960/961	N.R.T. TEST	2 - " "							
6	932	Similarity	1 - 26 sec	225	4				50%	Uib #14256 Down
7	071	Windstrip	1 - 6 sec	1						#315-326 Town of Colony.
8	072	290	192 - 287	1					70%	
9	073	293	195 - 290	4					50%	#293 stacked 1st half.
10	074	296	198 - 293	7		126			50%	#296 stacked last half. EOT #126 Tape MKTS
11	076	299	201 - 296	10		127			70%	Bot #127 #900 10sec All ones #075 6sec Windstrip.
12	077	302	204 - 299	13					70%	
13	078	305	207 - 302	16					50%	#305 stacked 1st half due to houses.
14	079	308	210 - 305	19					50%	308 stacked last half due to houses.
15	080	311	213 - 308	22					70%	
16	081	313	215 - 310	24					50%	#313 stacked 1st half due to houses.
17	082	327	229 - 324	38		127			50%	From #314 - 326 Skipped due to Town of Colony
18	084	328	230 - 325	39		128			50%	#327 EOT #127 Tape MKTS. #328 Bot #128 #900 10sec
19	085	329	231 - 326	40					70%	All ones #083 6sec wind strip.
20	086	330	232 - 327	41					50%	stacked 1st half #330.
21	087	333	235 - 330	44					50%	#333 stacked last half.
22	Skip	336	238 - 333	47					SKIP	#336 SKIP due to houses.
23	088	337	239 - 334	48					50%	337 stacked last half
24	089	340	242 - 337	24					70%	
25	090	343	245 - 340	27		128			70%	EOT #128 Tape MKTS.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 40 Hz / 26 sec		SWEEP PATTERN 4163		SWEEPS PER PATTERN 16	
GEOPHONES PER PATCH 24		NO. OF RECORDING PATCHES 96		TYPE VIBRATOR 4Y-1100 1Y-900	
REMARKS #ms Sample Rate / 42 sec Record Length		TYPE GEOPHONE ETL EV 22B		FREQUENCY 7.5	
OBSERVER R. PATTON		PATCH PATTERN 11111112222111111		STATION INTERVAL 330'	
PARTY MGR.		LINE DIR. 1 TO 24		W → E	

# OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

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CLIENT <b>COCORP</b>	AREA <b>OKIA</b>	STATE <b>OKIA</b>	COUNTY <b>Washita</b>	DATE <b>12-6-80</b>
CREW NO. <b>6834</b>	TERRAIN <b>High Plains</b>	WEATHER <b>Cloudy + windy</b>		LINE NO. <b>7</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 ~	AMP	
1	SKIP 346	248 - 343	30	4		129	OUT	IN	SKIP	#346 skip due to houses #347 Stacked last half
2	092 347	249 - 344	31			129			50%	Bot # 129 # 900 10sec All ones #091 6sec windstrip
3	SKIP 350	252 - 347	34						50%	#350 + 353 skip due to deep ditch + soft sand
4	SKIP 353	255 - 350	37						SKIP	
5										Finished For the Day
6										
7										
8										
9										
10										
11										
12										
13										
14										
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16										
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20										
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23										
24										
25										

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		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL	
REMARKS		OBSERVER				PARTY MGR.					

# OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

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CLIENT <b>COCORP</b>	AREA <b>OKIA</b>	STATE <b>OKIA</b>	COUNTY <b>Washita &amp; Caddo</b>	DATE <b>12-7-80</b>
CREW NO. <b>6838</b>	TERRAIN <b>High Plains</b>	WEATHER <b>Cloudy + WET</b>		LINE NO. <b>7</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				129	OUT	IN		Recorder set AT 323-324
2	934/935 EINT	2 - " "								#308 Dead due to Bridge
3	936/939 DRD	4 - " "								Electric Fence's All Along Line
4	953/954 Sum TEST	2 - " "								
5	960/961 NRS TEST	2 - " "								
6	932 Similarity	1 - 26 sec	225	4					50%	Vib #14256 Down
7	093 Windstrip	1 - 6 sec	6							Checking line. Light mist falling picking up to
8	094 355	257 - 352	6						50%	Much Leakage Shutting Down.
9										
10										
11										
12										
13										
14										
15										
16										
17										
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19										
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25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO.
SWEEP FREQUENCY 8 → 40/26 sec swp		SWEEP PATTERN 4163		SWEEPS PER PATTERN 16	
SWEEP PATTERNS PER SETUP 1		PATCH PATTERN 1111112222111111			
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4Y-1100 LY 900	TYPE GEOPHONE ETL EV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4ms sample Rate / 42 sec Record Length			OBSERVER R. PATTON /	LINE DIR. 1 TO 24 W → E	
				PARTY MGR.	

# OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services  
Division  
Geosource Inc.

CLIENT <b>COCORP</b>	AREA <b>OKIA</b>	STATE <b>OKIA</b>	COUNTY <b>Washita + Caddo</b>	DATE <b>12-10-80</b>
CREW NO. <b>6834</b>	TERRAIN <b>High Plains</b>	WEATHER <b>Clear + wet</b>		LINE NO. <b>7</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 ~	AMP	
1	933	Pulse				129	OUT	IN		Recorder set AT 325-326 # 308 Dead due to Driveway
2	934/935	FinT								Electric Fences All Along Line.
3	936/939	DRD								Ground still wet From Previous Rain + Snow.
4	953/954	Sum TEST								# 361 Dead due TO Drive way.
5	960/961	NRJ. TEST								
6	932	Similarity	225	5		129			50%	Foot # 129 Tape MKTS
7	095	Wind Strip	7			130				Bot # 130 #900 10 sec All ones
8	096	358	260-355	7	5				50%	
9	097	361	263-358	10					50%	#361 Stacked last half due to houses
10	SKIP	364	266-361	13					SKIP	#364 SKIP due to houses
11	098	366	268-363	15					50%	
12	099	369	271-366	18					70%	
13	100	372	274-369	21					50%	
14	SKIP	375	277-372	24					SKIP	UP # 375 + 378 + 381 SKIP due to TERRAIN. Vibs
15	SKIP	378	280-375	27					SKIP	can't get IN Ditch.
16	SKIP	381	283-378	30					SKIP	
17	101	383	285-380	32					70%	
18	102	386	288-383	35		130			50%	# 386 Stacked 1st half Foot # 130 Tape MKTS.
19	SKIP	389	291-386	38		131			SKIP	# 389 SKIP due to house. # 390 stacked last half
20	104	390	292-387	39		131			50%	Bot # 131 #900 10 sec All ones #103 6 sec wind Strip.
21	SKIP	393	295-390	42					SKIP	# 393 SKIP due to houses.
22	105	396	298-393	45					50%	# 396 stacked 1st half due to Ditches.
23	SKIP	399	301-396	48					SKIP	# 399 skip due to water well.
24	106	401	303-398	20					50%	#401 stacked last half. Moved Recorder to 355-356
25	107	404	306-401	23					50%	#404 stacked last half.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>MDS-10</b>
SWEEP FREQUENCY <b>8 → 40Hz / 26 sec</b>	SWEEP PATTERN <b>4 163</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>11111112222111111</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-Y 1100 1-Y 900</b>	TYPE GEOPHONE <b>ETL EV 22 B</b>	FREQUENCY <b>7.5 Hz</b>	STATION INTERVAL <b>330'</b>
REMARKS <b>4ms sample Rate / 42sec Record Length</b>		OBSERVER <b>R. Patton / J. Wingo</b>		PARTY MGR. <b>L. Davis</b>	

# OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

**Exploration Services  
Division**  
Geosource Inc.

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CLIENT <b>Cocorp</b>	AREA <b>OKIA</b>	STATE <b>OKIA</b>	COUNTY <b>Washita + Caddo</b>	DATE <b>12-10-80</b>
CREW NO. <b>6834</b>	TERRAIN <b>High Plains</b>	WEATHER <b>Clear + wet</b>		LINE NO. <b>7</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 ~	AMP	
1	407	309 - 404	26	5		131	OUT	IN	50%	
2	410	312 - 407	29						50%	
3										Finished For the Day
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
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25										

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		
GEOPHONES PER PATCH		NO. OF RECORDING PATCHES		TYPE VIBRATOR		TYPE GEOPHONE		FREQUENCY		STATION INTERVAL	
REMARKS		OBSERVER				PARTY MGR.					

**OBSERVER'S REPORT  
DIGITAL VIBROSEIS RECORDER**

**Exploration Services  
Division**  
Geosource Inc.

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CLIENT <b>COCORP</b>	AREA <b>OKLA.</b>	STATE <b>OKLA.</b>	COUNTY <b>Washita+Caddo</b>	DATE <b>12/11/80</b>
CREW NO. <b>6834</b>	TERRAIN <b>High Plains</b>	WEATHER <b>Clear</b>		LINE NO. <b>7</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 ~	AMP	
1	933 Pulse	1-6sec				131	OUT	IN		Recorder set up at 354-355 #361 Dead due to Driveway
2	<del>934</del> <del>935</del> FTNT	2- " "								Electric Fence's Running along line
3	<del>936</del> <del>939</del> D.R.D.	4- " "								
4	<del>953</del> <del>954</del> Sum	2- " "								#361 Dead due to Drive way.
5	<del>960</del> <del>961</del> N.R.T.	2- " "				131				EOT #131 TAPE MKTS.
6	932 Similarity	1-26sec.	225	5		132			50%	Bot #132 #900 10 sec All ones
7	110 Wind Strip	1-6sec	33							
8	111 413	315 - 410	33	5					50%	
9	112 416	318 - 413	36						50%	
10	113 419	321 - 416	39						70%	
11	Skip 422	324 - 419	42						Skip	*422 skip due to house's
12	114 424	326 - 421	44			132			50%	*424 stacked last half due to housing
13	Skip 427	329 - 424	47						Skip	*427 skip due to water well EOT #132 Tape MKTS.
14										Picking up Rest of line + moving Equipment
15										to line #8.
16										
17										Finished For the Day.
18										
19										E.O.L.
20										
21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. <b>MD5-10</b>
SWEEP FREQUENCY <b>8 → 40Hz / 26 sec</b>	SWEEP PATTERN <b>4163</b>	SWEEPS PER PATTERN <b>16</b>	SWEEP PATTERNS PER SETUP <b>1</b>	PATCH PATTERN <b>111111222222111111</b>	
GEOPHONES PER PATCH <b>24</b>	NO. OF RECORDING PATCHES <b>96</b>	TYPE VIBRATOR <b>4-1100's 1-1900</b>	TYPE GEOPHONE <b>ETH EV12B</b>	FREQUENCY <b>7.5 Hz.</b>	STATION INTERVAL <b>330'</b>
REMARKS <b>4ms. Sample / 42 sec Record Length</b>			OBSERVER <b>R. Patton / T. Wingo</b>	PARTY MGR. <b>L. Davis</b>	