

OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

CLIENT COCORP	AREA ARK.	STATE ARK	COUNTY Howard	DATE 4/16/81
CREW NO. 6834	TERRAIN Rolling Hills	WEATHER Partly Cloudy	LINE NO. 5	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			RE MARKS
							LOCUT	80 ~	AMP	
1	933 Pulse	1-6sec.				338	OUT	IN		Recorder set at 195-196
2	934 935 FTNT	2-"								
3	936 937 D.R.D.	4-"								
4	952 951 Sum test	2-"								
5	960 961 N.R.J. test	2-"								
6	932 Similarity	1-26sec	225	5						50%
7	074 Wind Strip	1-6sec.	2							
8	075 224	125-220	2	5						70%
9	076 226	127-222	4							70%
10	077 228	129-224	6							70%
11	078 230	131-226	8			338				70% EOT # 338 Tape MKTs.
12	080 232	133-228	10			339				70% BOT # 339 # 900 10 sec All ones * 079 6 sec wind strip
13	081 234	135-230	12							70%
14	082 236	137-232	14							70%
15	083 238	139-234	16							70%
16	084 240	141-236	18							70%
17	085 242	143-238	20							70%
18	086 244	145-240	22			339				70% E.D.T. # 339 Tape MKTs.
19	088 246	147-242	9			340				70% B.O.T. # 340 # 900 10sec All ones # 087 6sec Wind
20	089 248	149-244	11							70% Strip. Moved Recorder to 210-211. Vib's
21										70% having problems picking up tones.
22										Vib # 14256 dropped out, having problem shaking
23										right.
24										
25										
26										Picking up line to move to Kansas

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MD5-10
SWEEP FREQUENCY 8 → 40 Hz / 26 sec	SWEEP PATTERN 4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y11000 1-Y900	TYPE GEOPHONE ETLEV24B	FREQUENCY 7.5 Hz.	STATION INTERVAL 330'
REMARKS Hours Sample Rate / 42 sec Record		OBSERVER R. Patton / J. Wingo		PARTY MGR. J. Davis	

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DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA ARK.	STATE ARK	COUNTY Howard	DATE 4/15-81
CREW NO. 6834	TERRAIN Rolling Hills	WEATHER Cloudy, Wet + Windy		LINE NO. 5

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	1-6sec.				335	OUT	IN		Recorder set at 166-167
2	934 935 EENT	2- " "								STA# 121 Dead due TO INTERSECTION
3	936 939 D.R.D.	4- " "								
4	955 954 Sam Test	2- " "								
5	961 961 N.R.J. Test	2- " "								
6	932 Similarity	1-26sec.	225	5		335			50%	EOT * 335 Tape MKTS
7	057 Wind Strip	1-6sec.	1			336				Bot # 336 * 900 10 sec All ones.
8	058 194	95-190	1	5					70%	
9	059 196	97-192	3						70%	
10	060 198	99-194	5						70%	
11	061 200	101-196	7						70%	
12	062 202	103-198	9						70%	
13	063 204	105-200	11						70%	
14	064 206	107-202	13			336			70%	E.O.T. # 336 Tape MKTS
15	066 208	109-204	15			337			70%	B.O.T. # 337 #900 10sec All ones #065 6sec.
16	067 210	111-206	17	4					70%	Wind Strip. Vib # 16344 Down temp.
17	068 212	113-208	19						70%	
18	069 214	115-210	21	5					70%	Vib # 16344 Back on line.
19	070 216	117-212	23						70%	Shut down for 1 hour due Thunder Clouds were
20	071 218	119-214	25						70%	causing Flicks online.
21	072 220	121-216	27			337			70%	E.O.T. # 337 Tape MKTS.
22	073 222	123-218	29			338			70%	B.O.T. # 338 #900 10 sec. All ones #073 6 sec.
23										Wind Strip.
24										Finished For The Day.
25										
26										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MD5-10
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SWEEP FREQUENCY 3 → 40 Hz / 26 sec.	SWEEP PATTERN 4/163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233X332211
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y11005 1-Y900	TYPE GEOPHONE ETLEVR2213	FREQUENCY 7.5 Hz.
			STATION INTERVAL 330'	LINE DIR. 1 TO 24 E → W

REMARKS 4 hrs. Sample Rate 1/42 sec Record	OBSERVER R. Patton / J. Wings	PARTY MGR. L. Davis
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**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA ARK	STATE ARK	COUNTY Howard	DATE 4/14/81
CREW NO. 6834	TERRAIN Rolling Hills	WEATHER Partly Cloudy	LINE NO. 5	

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.				334	OUT	IN		Recorder Set at 156-157
2	934 ETNT	2- " "								Sta # 121 open due to intersection
3	935 D.R.D.	4- " "								
4	936 Sum test	2- " "								
5	961 N.R.J. Test	2- " "								
6	932 Similarity	1-26 sec.	225	4		334				50% Vib # 16344 Down. EOT # 334 Tape METS
7	051 Wind Strip	1-6 sec.	1			335				Bot # 335 = 900 10 sec All ones.
8	052 184	85-180	1	4						70% Wind picking up.
9	053 186	87-182	3							70% AT STA # 177 someone hooked to any cable + pulled
10	054 188	89-184	5							70% Line, pulled heads OFF OF 4 TO 5 cable's. had to
11	055 190	91-186	7							70% go to front of line + pick up cables to replace those
12	056 192	93-188	9							70% with heads pulled OFF. Wind now blowing
13										20 to 25 MPH + gusting to noise to continue
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MD.5-18
SWEEP FREQUENCY 8 → 40 Hz / 26 sec	SWEEP PATTERN 4/16.3	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 1122.33 X 3322 11	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-11005 1-1900	TYPE GEOPHONE ETLEV22B	FREQUENCY 7.5 Hz	STATION INTERVAL 330'
REMARKS 4 ms Sample Rate 1/42 sec Record	OBSERVER R. Patten G. Wings	PARTY MGR. L. Davis			

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT COCORP	AREA ARK	STATE ARK	COUNTY Howard	DATE 4/13/81
CREW NO. 6834	TERRAIN Rolling Hills	WEATHER Partly Cloudy	LINE NO. 5	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R			REMARKS
							LOCUT	80 ~	AMP	
1 933	Pulse	1-6sec.				331	OUT	IN		Recorder Set at 112-113
2 934 955	ETNT	2- " "								Sta #121 Open due to intersection.
3 936 959	D.R.D.	4- " "								
4 953 954	Sum Test	2- " "								
5 960 961	N.R.T. Test	2- " "								
6 932	Similarity	1-26sec	225	4					50%	Vib #16344 Rebuilding Front engine.
7 025	Wind Strip	1-6sec.	1							
8 026	140	41-136	1	4					70%	
9 027	142	43-138	3						70%	
10 028	144	45-140	5						70%	
11 029	146	47-142	7			331			70%	E.O.T #331 Tape MKTS.
12 031	148	49-144	9			332			70%	B.O.T #332 #900 10sec. All ones. #030 6sec. Wind Strip.
13 032	150	51-146	11						70%	
14 033	152	53-148	13						70%	
15 034	154	55-150	15						70%	
16 035	156	57-152	17						70%	
17 036	158	59-154	19						70%	
18 037	160	61-156	21			332			70%	E.O.T #332 Tape MKTS.
19 039	162	63-158	23			333			70%	B.O.T #333 #900 10sec. All ones #038 6sec. Wind Strip.
20 040	164	65-160	25						70%	
21 041	166	67-162	27						70%	
22 042	168	69-164	29						70%	
23 043	170	71-166	31						70%	
24 044	172	73-168	33						70%	
25 045	174	75-170	35						70%	E.O.T #333 Tape MKTS.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MD.S-10
SWEEP FREQUENCY 8 → 40 Hz / 26sec	SWEEP PATTERN 4/163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-V/100 1-V900	TYPE GEOPHONE ETLEVR22B	FREQUENCY 7.5 Hz	STATION INTERVAL 3.30
REMARKS 4 hrs. Sample Rate 1/42 sec. Record			OBSERVER R. Patton J. Wingo	PARTY MGR. J. Davis	

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division
Geosource Inc.**

CLIENT <i>COCORP</i>	AREA <i>ARK</i>	STATE <i>ARK</i>	COUNTY <i>Howard</i>	DATE <i>4/15/81</i>
CREW NO. <i>68.34</i>	TERRAIN <i>Rolling Hills</i>	WEATHER <i>Partly Cloudy</i>	LINE NO. <i>5</i>	

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	FILTER			REMARKS
							LOCUT	60 ~	AMP	
1	176	77-172	37	4		3.34	OUT	IN	70%	B.O.T. #334 #900/0sec. All ones. #046 6sec.
2	178	79-174	19						70%	Wind Strip. Move Record to 132-133.
3	180	81-176	21						70%	
4	182	83-178	23						70%	
5										<i>Finished For The Day.</i>
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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.

CLIENT COCORP	AREA ARK.	STATE ARK.	COUNTY Howard	DATE 4/22/81
CREW NO. 6834	TERRAIN Rolling Hills	WEATHER Partly Cloudy + Windy.		LINE NO. 5

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.				328	OUT	IN		Recorder set at 72-73 B.O.T. #328
2	934 935 EINT	2-								#900 10 sec. All ones. START OF Line # 5.
3	936 939 D.R.D.	4-								Sta. #121 open due to intersection.
4	953 950 Sum TEST	2-								
5	960 961 N.R.S. Test	2-								Vib # 16344 Down. Working on Front Engine.
6	932 Similarity	1-2.6 sec.	225	4						50%
7	001 Wind Strip	1-6 sec.	1							
8	002 100	1-96	1							70%
9	003 102	3-98	3							70%
10	004 104	5-100	5							70%
11	005 106	7-102	7							70%
12	006 108	9-104	9			328				70% EOT # 328 Tape MKTs.
13	008 110	11-106	11			329				70% Bot # 329 # 900 10 sec All ones # 007 6 sec wind strip.
14	009 112	13-108	13							70%
15	010 114	15-110	15							70%
16	011 116	17-112	17							70%
17	012 118	19-114	19							70%
18	013 120	21-116	21							70%
19	014 122	23-118	23			329				70% E.O.T. #329 Tape MKTs.
20	016 124	25-120	25			330				70% B.O.T. #330 # 900 10 sec. All ones. # 015 6 sec.
21	017 126	27-122	27							70% Wind Strip.
22	018 128	29-124	29							70%
23	019 130	31-126	31							70%
24	020 132	33-128	33							70%
25	021 134	35-130	35							70%

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MD5-10
SWEEP FREQUENCY 8-40 Hz / 26 sec	SWEEP PATTERN 4163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 112233X332211	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-V11008 1-V900	TYPE GEOPHONE FTLEUZZB	FREQUENCY 7.5 Hz.	STATION INTERVAL 330'
REMARKS 4 sec. Sample Rate / 42 sec. Record			OBSERVER R. Patton / J. Wingo	PARTY MGR. J. Davis	

