

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Exploration Services
Division
Geosource Inc.

CLIENT COCORP	AREA OKLA.	STATE OKLA.	COUNTY Custer	DATE 1/3/81
CREW NO. 6834	TERRAIN High Plains	WEATHER Clear + Windy		LINE NO. 9

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.				156	OUT	IN		Recorder set up at 72-73. Start Line # 9.
2	934 FINT	2- " "								Electric Fences Along Back of Line 25-50.
3	936 D. R. D.	4- " "								
4	954 Sum test	2- " "								Wind 15-20 m.P.H.
5	960 N. R. J. test	2- " "								
6	932 Similarity	1-26 sec		5					50%	
7	1 Wind Strip	1-6 sec	2							
8	SKIP 99	1-96	1						SKIP	#99 SKIP due to housing.
9	002 100	2-97	2						70%	#100 stacked 1st half due to Bridge.
10	003 103	5-100	5						50%	#103 stacked Last half.
11	004 106	8-103	8						50%	#106 stacked last half due to pipe line.
12	SKIP 109	11-106	11						SKIP	#109 - skip due to house. Standing by wind picking up.
13	005 #10	#2 109								#110 stacked last half.
14										Wind 25-30 mph NOT letting up shutting down to noisy.
15										
16										
17										
18										
19										
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21										
22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10
SWEEP FREQUENCY 8-40 Hz / 26 sec.	SWEEP PATTERN 4/63	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 111111222222111111	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-Y1100s 1-Y900	TYPE GEOPHONE ETLEV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 330'
REMARKS 4 hrs. Sample Rate 1/2 sec. Record Length			OBSERVER P. Patton / J. Wings	LINE DIR. 1 TO 24 E → W	
			PARTY MGR. L. Davis		

**OBSERVER'S REPORT
DIGITAL VIBROSEIS RECORDER**

**Exploration Services
Division** 2
Geosource Inc.

CLIENT COCORP	AREA OKLA.	STATE OKLA.	COUNTY Custer	DATE 1/4/81
CREW NO. 6834	TERRAIN High Plains	WEATHER Clear		LINE NO. 9

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.				156	OUT	IN		Recorder set up at 82-83.
2	934 935 EINT	2- " "								Electric Fence Along Line From 25-50.
3	936 939 D.R.D.	4- " "								
4	953 954 Sum Test	2- " "								
5	960 961 N. Rd Test	2- " "								
6	932 Similarity	1-26 sec	225	5		156			50%	EOT # 156 Tape MKTs.
7	005 Wind Strip	1-6 sec.	2			157				Bot # 157 * 900 10 sec All ones.
8	006 110	12-107	2						50%	*110 stacked last half.
9	007 113	15-110	5						70%	
10	SKIP 116	18-113	8						SKIP	*116 SKIP due TERRAIN Vibs couldn't get in Ditch.
11	008 119	21-116	11						70%	*119 stacked last half due to pipe line.
12	009 122	24-119	14						70%	
13	SKIP 125	27-122	17						SKIP	
14	010 126	28-123	18						70%	
15	011 129	31-126	21						70%	
16	012 132	34-129	24			157			50%	*132 stacked 1st half EOT # 157 Tape MKTs.
17	014 135	37-132	27			158			50%	Bot # 158 * 900 10 sec All ones * 013 6 sec Wind Strip.
18	SKIP 138	40-135	30						SKIP	*135 stacked last half. *138 skip due TO water well
19	015 141	43-138	33						70%	*141 stacked last half due TO Intersection.
20	016 144	46-141	36						70%	
21	SKIP 147	49-144	39						SKIP	*147 skip due TO houses.
22	017 149	51-146	41						70%	*149 stacked last half.
23	SKIP 152	54-149	44						SKIP	*152 skip due TO TERRAIN. Deep Ditch.
24	018 153	55-150	45						70%	*153 stacked last half
25	SKIP 156	58-153	48						SKIP	*156 skip due TO water well. Finished For the Day.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10
SWEEP FREQUENCY 8-340 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 & 1-Y900	TYPE GEOPHONE ETLEV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 330'
REMARKS 4ms. Sample Rate at 22 sec Record Length			OBSERVER R. Patton	PARTY MGR. J. Davis	

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CLIENT COCORP	AREA OKLA.	STATE OKLA.	COUNTY Cluster	DATE 1/5/81
CREW NO. 6834	TERRAIN High Plains	WEATHER Partly Cloudy + Windy		LINE NO. 9

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.				158	OUT	IN		Recorder set up at 135-136
2	934 935 EINT	2- " "								Some Electric Fence's Along Line.
3	936 937 D.R.D.	4- " "								
4	953 954 Sum Test	2- " "								
5	960 961 N.R.J. Test	2- " "								
6	932 Similarity	1-26sec.	225	5		158			50%	EOT * 158 Tape MKTs.
7	019 Wind Strip	1-6sec.	1			159				Bot # 159 #900 10sec All ones.
8	Skip 159	61-156	1						Skip	#159 Skip due to houses.
9	020 162	64-159	1						50%	#162 stacked last half
10	021 165	67-162	4						70%	#165 stacked last half due to Ditch.
11	022 168	70-165	7						70%	
12	Skip 171	73-168	10						Skip	#171 Skip due to houses.
13	023 173	75-170	12						50%	#173 stacked last half.
14	024 176	78-173	15						50%	#176 stacked 1st half.
15	Skip 179	81-176	18						Skip	#179 Skip due to water well + houses.
16	025 183	85-180	22						50%	#183 stacked last half.
17	026 186	88-183	25			159			50%	#186 stacked 1st half. E.O.L. line #9.
18										EOT # 159 Tape MKTs. Picking up rest of line + moving equipment to line #10.
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22										
23										
24										
25										

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS-10
SWEEP FREQUENCY 8 → 40 Hz / 26 sec	SWEEP PATTERN 4/163	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP 1	PATCH PATTERN 1111112222111111	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 96	TYPE VIBRATOR 4-V1100's 1-V900	TYPE GEOPHONE ETH EV22B	FREQUENCY 7.5 Hz.	STATION INTERVAL 330'
REMARKS Mass. Sample Rate 1/2 sec. Record Length			OBSERVER R. Patton & T. Wingo	PARTY MGR. J. Davis	