

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical, Inc.
Subsidiary of Geosource International Incorporated

CLIENT CORNELL UNIV	AREA	STATE TEXAS	COUNTY HARDAMAN	DATE 3/26/75
CREW NO.	TERRAIN	WEATHER		LINE NO. 3

REC. NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL. NO.	F I L T E R A U T S			RE MARKS	TIME		
							LOCUT	60 ~	AMP				
1	900	ALL "1's	15 SEC							8ms SAMPLE 30 SEC. REC.	NOISE REJECT IN USE		
2	932	SIMILARITY	10-32 15 SEC SWP										
3		CHANNELS											
4		1-24 25-48											
5	139	28 32-55	56-79	5	4/16	75%	6	OUT	OUT	31~	REC. TRUCK BET. 75-76	RINR	8:43
6	140	29	33-56	57-80	6						VIB DOWN		9:25
7	141	30	34-57	58-81	7								9:35
8	142	31	35-58	59-82	8								9:45
9	143	32	36-59	60-83	9								9:57
10	144	33	37-60	61-84	10								10:07
11	145	34	38-61	62-85	11						BIN TAPE BROKE		10:17
12	146	35	39-62	63-86	12								10:45
13	147	36	40-63	64-87	13								10:55
14	148	37	41-64	65-88	14								11:06
15	149	38	42-65	66-89	15								11:16
16	932	SIMILARITY	10-32 15 SEC SWP										
17	150	39	43-66	67-90	16								12:20
18	151	48	50-73	74-97	23						VIB. DOWN		12:55
19	152	52	54-77	78-101	29						VIB. DOWN		1:30
20	153	56	58-81	82-105	33						30%		1:48
21	154	60	64-87	88-111	39						75%		1:51
22	155	64	68-91	92-115	44								2:09
23	156	68	72-95	96-119	49						(C.DP SWITCH OFF. RESHOOT 48-68)		2:20
24	157	72	76-99	100-119	49								5:06
25	158	78	28-51	52-75	1								5:50

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDS 8
SWEEP FREQUENCY 10-32 15 SEC SWP	SWEEP PATTERN INLINE	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN INLINE	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 48	TYPE VIBRATOR 3Y1100 24900	TYPE GEOPHONE EV22B	FREQUENCY 7.5	STATION INTERVAL 330'
REMARKS	OBSERVER		PARTY MGR.		

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CLIENT				AREA				STATE				COUNTY				DATE 3/27/75			
CREW NO.				TERRAIN				WEATHER				LINE NO.							
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 TEST	6 SEC. REC.																
2	934	FEINT																	
3	936-9	DRD																	
4	944	RUN-UP																	
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
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		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		LINE DIR. 1 TO 24							
REMARKS						OBSERVER			PARTY MGR.										

OBSERVER'S REPORT DIGITAL VIBROSEIS RECORDER

Petty-Ray Geophysical, Inc.
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CLIENT <i>CORNELL UNIV</i>		AREA		STATE <i>TEXAS</i>		COUNTY <i>HARDENMAN</i>		DATE <i>3/28/75</i>					
CREW NO. <i>6834</i>		TERRAIN		WEATHER <i>WINDY + COLD</i>		LINE NO. <i>3</i>							
REC.NO.	SWEEP POINT	PATCH LOCATIONS	CDP SW.	NO VIB	AMP GAIN	TAPE RL.NO.	FILTERS			REMARKS			
							LOCUT	60~	DAMP				
										<i>3ms SAMPLING, NOISE REJECT IN USE</i>			
<i>1</i>	<i>932</i>	<i>Similarity</i>	<i>10-32 H2</i>	<i>15</i>	<i>Sec</i>	<i>SWP</i>		<i>OUT</i>	<i>OUT</i>	<i>31 20</i>			
<i>2</i>	<i>932</i>	<i>"</i>	<i>"</i>	<i>"</i>									
<i>3</i>		<i>CHANNELS</i>											
<i>4</i>		<i>1-24</i>	<i>25-48</i>			<i>DRIVE</i>					<i>TIME</i>		
<i>5</i>	<i>159</i>	<i>78</i>	<i>28-51</i>	<i>52-75</i>	<i>1</i>	<i>5/16</i>	<i>75%</i>	<i>6</i>	<i>OUT</i>	<i>OUT</i>	<i>31~</i>	<i>VIB 78 TWICE REC'S 158+159 RING</i>	<i>12:45</i>
<i>6</i>	<i>160</i>	<i>82</i>	<i>31-54</i>	<i>55-78</i>	<i>4</i>								<i>12:56</i>
<i>7</i>	<i>161</i>	<i>86</i>	<i>35-58</i>	<i>59-82</i>	<i>8</i>								<i>1:08</i>
<i>8</i>	<i>162</i>	<i>90</i>	<i>39-62</i>	<i>63-86</i>	<i>12</i>							<i>REPEAT TWO STRINGS OF SUGS</i>	<i>1:22</i>
<i>9</i>	<i>163</i>	<i>94</i>	<i>43-66</i>	<i>67-90</i>	<i>16</i>								<i>1:52</i>
<i>10</i>	<i>164</i>	<i>98</i>	<i>47-70</i>	<i>71-94</i>	<i>20</i>								<i>2:03</i>
<i>11</i>	<i>165</i>	<i>102</i>	<i>51-74</i>	<i>75-98</i>	<i>24</i>								<i>2:14</i>
<i>12</i>	<i>166</i>	<i>108</i>	<i>57-80</i>	<i>81-104</i>	<i>30</i>	<i>4/16</i>							<i>2:26</i>
<i>13</i>	<i>167</i>	<i>109</i>	<i>58-81</i>	<i>82-105</i>	<i>31</i>	<i>5/16</i>	<i>40%</i>					<i>GO AROUND BRIDGE 1/2 MILE</i>	<i>2:40</i>
<i>14</i>													
<i>15</i>													
<i>16</i>													
<i>17</i>													
<i>18</i>													
<i>19</i>													
<i>20</i>													
<i>21</i>													
<i>22</i>													
<i>23</i>													
<i>24</i>													
<i>25</i>													
TOTAL SETUPS		TOTAL SWEEPS		TOTAL COVERAGE		TOTAL FIELD TIME		DRIVING TIME		SYSTEM NO.		<i>MDS-8</i>	
SWEEP FREQUENCY <i>10-32 15SEC SWP.</i>		SWEEP PATTERN <i>INLINE</i>		SWEEPS PER PATTERN <i>16</i>		SWEEP PATTERNS PER SETUP		PATCH PATTERN <i>INLINE</i>					
GEOPHONES PER PATCH <i>24</i>		NO. OF RECORDING PATCHES <i>48</i>		TYPE VIBRATOR <i>3Y1100 2Y900</i>		TYPE GEOPHONE <i>EV22B</i>		FREQUENCY <i>7.5</i>		STATION INTERVAL <i>330'</i>		LINE DIR. <i>1-48 N 28</i>	
REMARKS						OBSERVER			PARTY MGR.				

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CLIENT CORNELL Univ	AREA	STATE TX	COUNTY HARDEMAN	DATE 3/28/75
CREW NO. 6834	TERRAIN	WEATHER		LINE NO. 3

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	900	ALL 1/2								87MS SAMPLE 30 SEC. REC. NOISE REJECT IN USE.	
2		15 SEC. CHANNELS									
3		1-24 25-48			DRIVE				ALIAS	TIME	
4	168	111 60-83 84-107	33	5/16	75%		7	OUT	OUT	31~	3:25
5	169	112 61-84 85-108	34								3:35
6	170	113 62-85 86-109	35								3:45
7	171	114 63-86 87-110	36								3:55
8	172	115 64-87 88-111	37								4:04
9	173	116 65-88 89-112	38								4:14
10	174	117 66-89 90-113	39								4:25
11	175	118 67-90 91-114	40								4:34
12	176	119 68-91 92-115	41								4:44
13											
14	900	ALL 1/2									
15		15 SEC.									
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											

EOL.T.O.

TOTAL SETUPS	TOTAL SWEEPS	TOTAL COVERAGE	TOTAL FIELD TIME	DRIVING TIME	SYSTEM NO. MDSB
SWEEP FREQUENCY 10-32 15 SEC. SWP	SWEEP PATTERN INLINE	SWEEPS PER PATTERN 16	SWEEP PATTERNS PER SETUP	PATCH PATTERN INLINE	
GEOPHONES PER PATCH 24	NO. OF RECORDING PATCHES 48	TYPE VIBRATOR 3Y1100 2Y900	TYPE GEOPHONE FN22B	FREQUENCY 7.5	STATION INTERVAL 330
REMARKS	OBSERVER	PARTY MGR.		LINE DIR. 1-48 N→S	