OR-331A

Schlumberger

WST CHECK SHOT SUITE #2

CSU Field Log

COMPANY: AMOCO AUSTRALIA PETROLEUM CO. 329C09
WELL: TILANA #1
FIELD: WILDCAT
RIG : DIAMOND M EPOC
SLAB: TASMANIA
NATION: AUSTRALIA
LOCATION: SHOT POINT 5199 ,
LINE 871-A-50

LATITUDE: 039 53'36.96"S
LONGITUDE: 145 58'42.2" E

PERMANENT DATUM: MSL
ELEV. OF PERM. DATUM:
LOG MEASURED FROM: KB
22.3 M ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 22.3 M
DF: 22.0 M
GL: -79.9 M

DATE: 11 OCT 85
RUN NO: 1

OTHER SERVICES-
LDL-CNL-GR
HDT
ISF-DDBHC-
MSFL-GR
CST-GR

PROGRAM
TAPE NO:
28.2
SERVICE
ORDER NO:
DME851001

(23)

DEPTH-DRILLER: 3066.0 M
DEPTH-LOGGER: 3070.0 M
BTM. LOG INTERVAL: 3070.0 M
TOP LOG INTERVAL: 700.0 M

CASING-DRILLER:	413.0 M	1651.0 M	
CASING-LOGGER:	413.0 M	1651.5 M	
CASING:	20 IN.	13 3/8 IN.	
WEIGHT:	133.000 LB/F	68.0000 LB/F	
BIT SIZE:	26 IN.	17 1/2 IN.	12 1/4 IN.
DEPTH:	416.0 M	1661.0 M	3066.0 M

TYPE FLUID IN HOLE: F/WTR GEL POLYMER
DENSITY: 9.30 LB/G
VISCOSITY: 57.0 S
PH: 11.6
FLUID LOSS: 5.5 C3
SOURCE OF SAMPLE: FLOWLINE
RM: .820 OHMM AT 110. DEGF
RMF: .921 OHMM AT 70.0 DEGF
RMC: 1.110 OHMM AT 70.0 DEGF
SOURCE RMF/RMC: PRESS /PRESS
RM AT BHT: .423 OHMM AT 220. DEGF
RMF AT BHT: .312 OHMM AT 220. DEGF
RMC AT BHT: .377 OHMM AT 220. DEGF

TIME CIRC. STOPPED: 10:00 09/10
TIME LOGGER ON BTM.: 5:20 11/10

MAX. REC. TEMP: 220.0 DEGF

LOGGING UNIT NO: 822
LOGGING UNIT LOC: VEA
RECORDED BY: A. HALIM / A. SUSANTO
WITNESSED BY: C. E. REVILLA

REMARKS:

GUN DEPTH : 3.96 M GUN AZIMUTH : 85 DEG/NORTH
HYDRO DEPTH : 2.74 M HYDRO AZIMUTH : 85 DEG/NORTH
GUN OFFSET FROM WELL : 46.5 M
HYDRO OFFSET FROM WELL : 46.5 M
GUN VOLUME : 200CC.
FIRING PRESSURE : 1800 PSI.

EQUIPMENT NUMBERS-

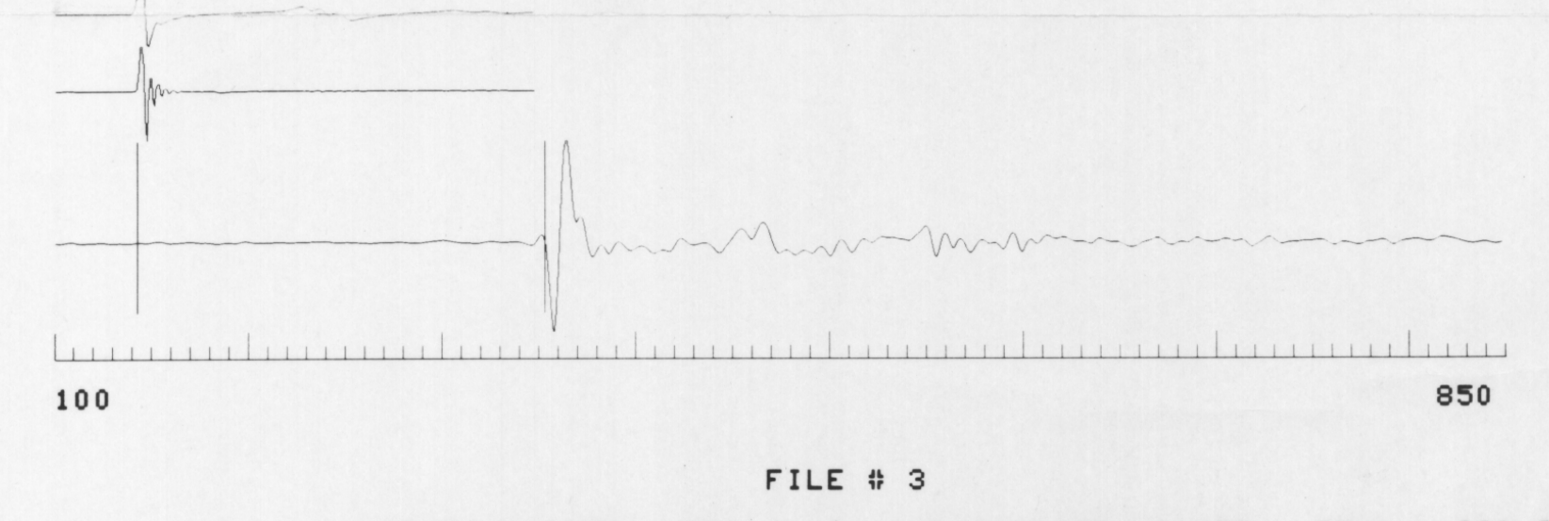
WSA-AB 928 WSC-A 882 CAC-B 927
WDM-AB 55 WSM 1771

5 cm

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

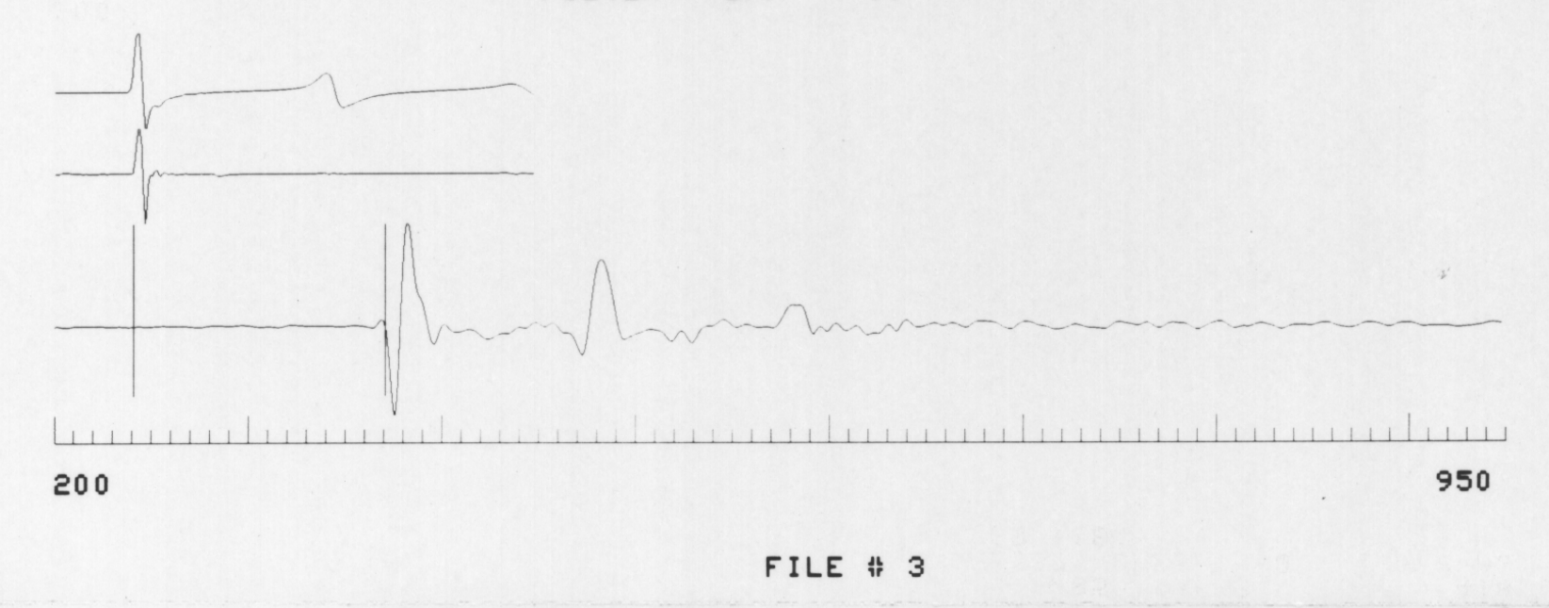
CP 28.2 FILE 0 11-OCT-85 19:09

STACK # 36 @ 700.0 M 10 /11 /85 8 :1 TT = 310.9 MS
GEOPHONE .002508 CM/SEC @ 352.4 MS
SHOTS STACKED : 188 ,189 ,190
FILTER : OFF - 90



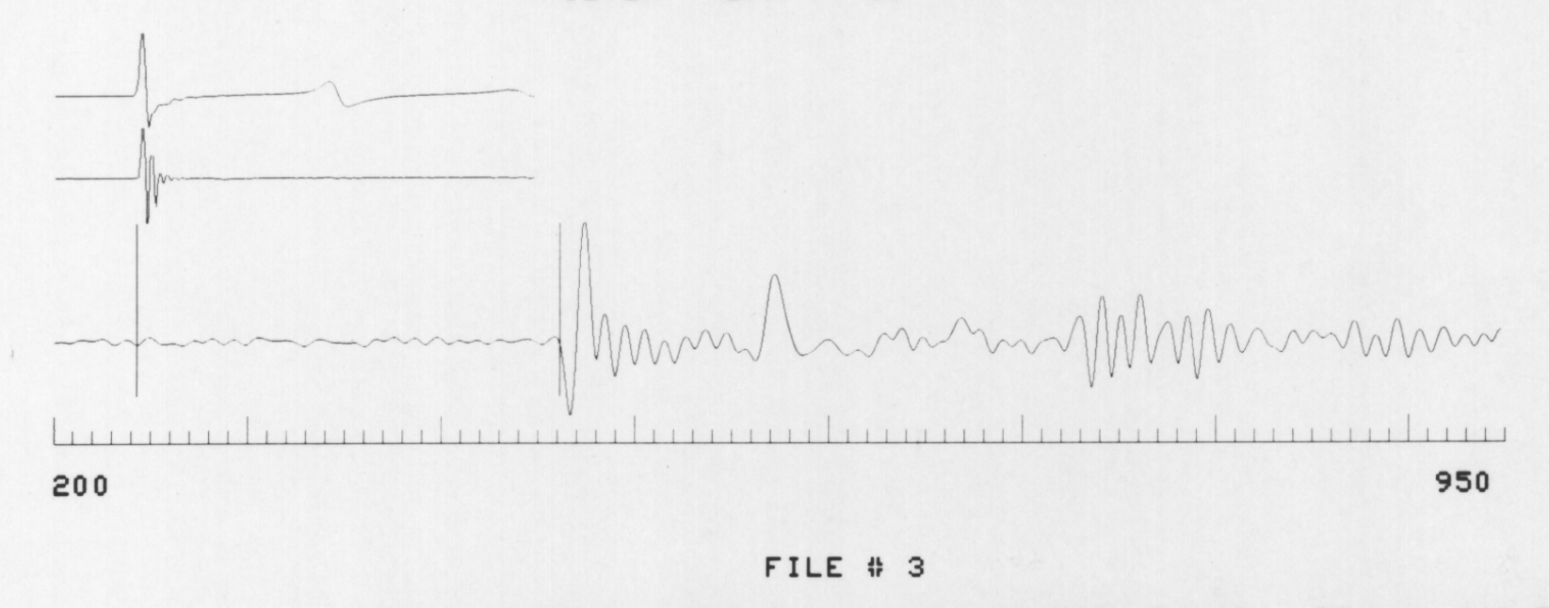
FILE # 3

STACK # 35 @ 750.1 M 10 /11 /85 7 :58 TT = 330.2 MS
GEOPHONE .002493 CM/SEC @ 369.8 MS
SHOTS STACKED : 185 ,186 ,187
FILTER : OFF - 90



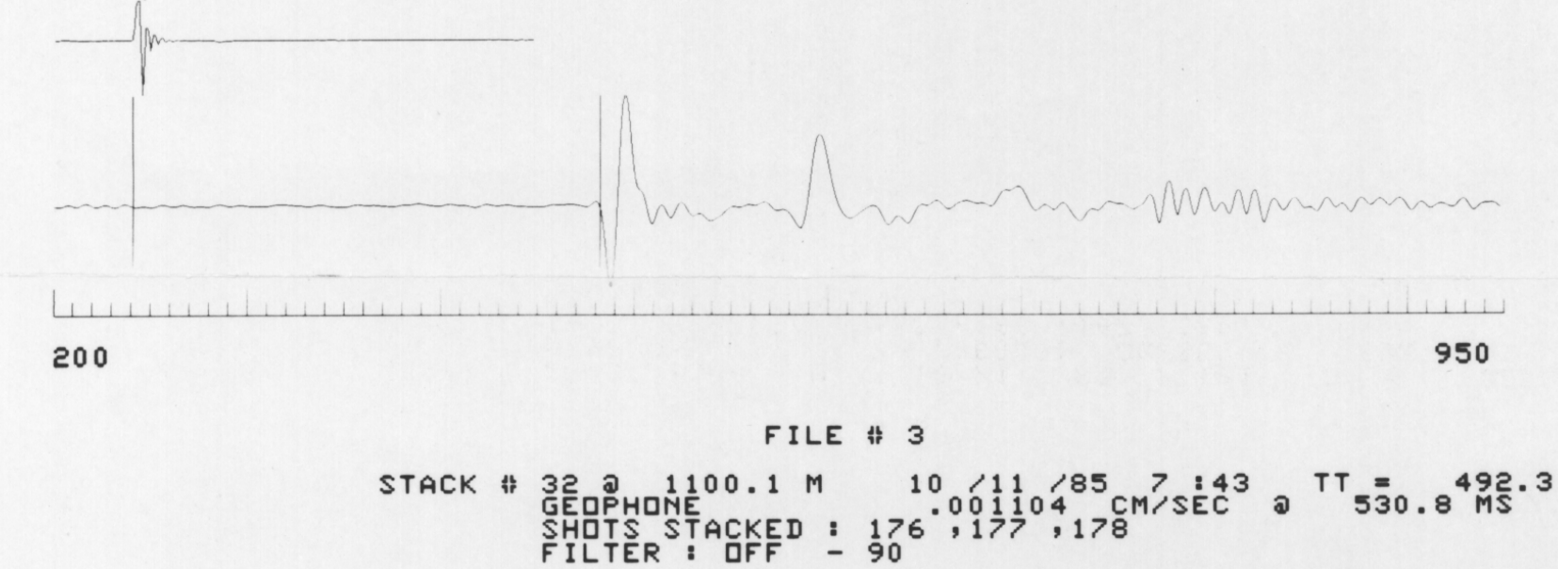
FILE # 3

STACK # 34 @ 940.0 M 10 /11 /85 7 :52 TT = 418.6 MS
GEOPHONE .002198 CM/SEC @ 460.2 MS
SHOTS STACKED : 182 ,183 ,184
FILTER : OFF - 90



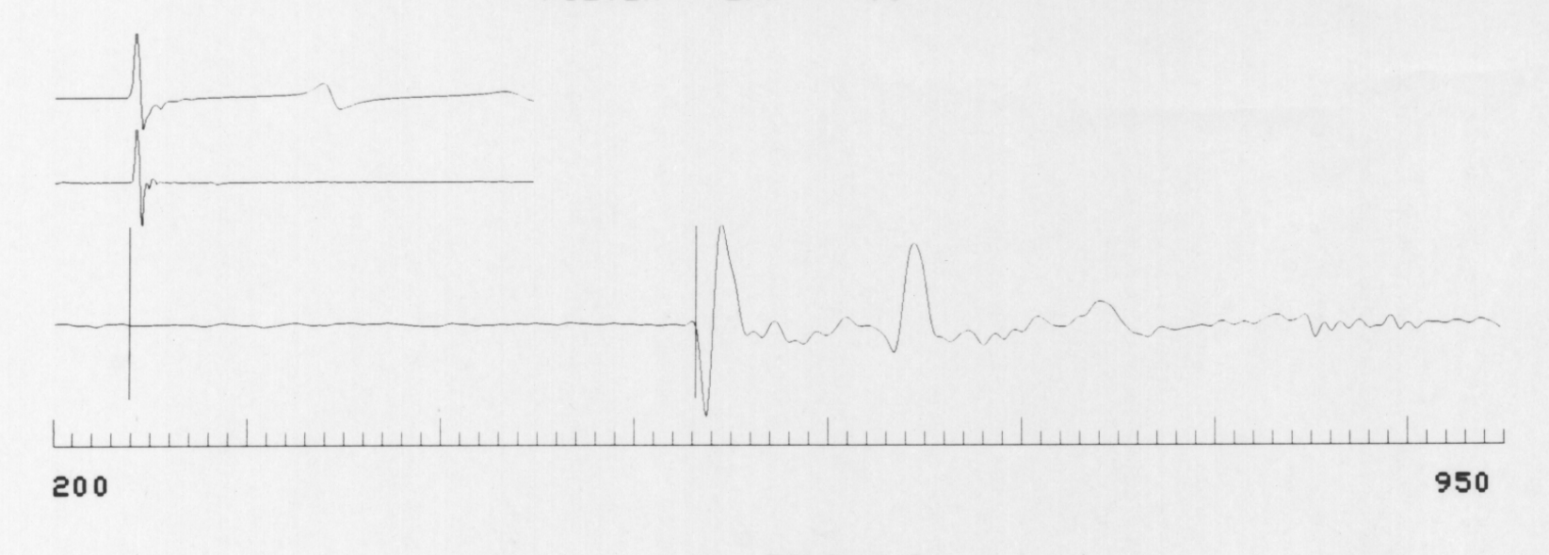
FILE # 3

STACK # 33 @ 989.9 M 10 /11 /85 7 :48 TT = 441.7 MS
GEOPHONE .001603 CM/SEC @ 481.3 MS
SHOTS STACKED : 179 ,180 ,181
FILTER : OFF - 90



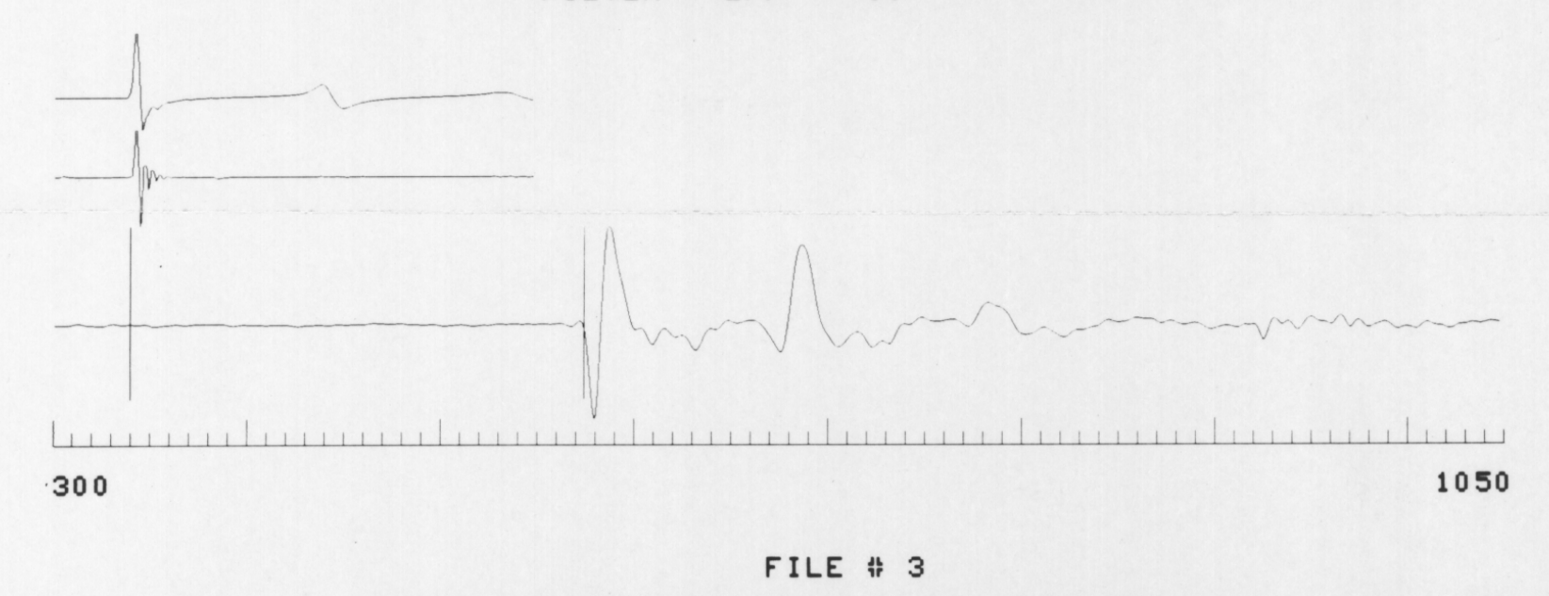
FILE # 3

STACK # 32 @ 1100.1 M 10 /11 /85 7 :43 TT = 492.3 MS
GEOPHONE .001104 CM/SEC @ 530.8 MS
SHOTS STACKED : 176 ,177 ,178
FILTER : OFF - 90



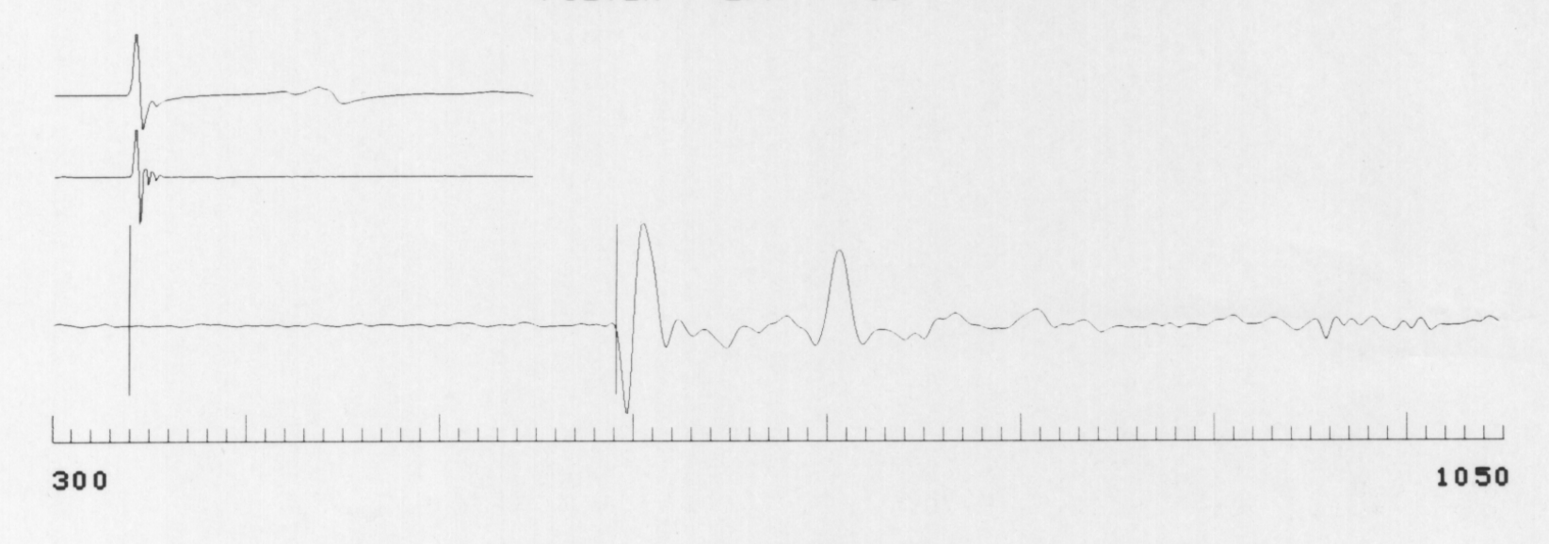
FILE # 3

STACK # 31 @ 1200.1 M 10 /11 /85 7 :39 TT = 534.6 MS
GEOPHONE .000950 CM/SEC @ 573.2 MS
SHOTS STACKED : 173 ,174 ,175
FILTER : OFF - 90



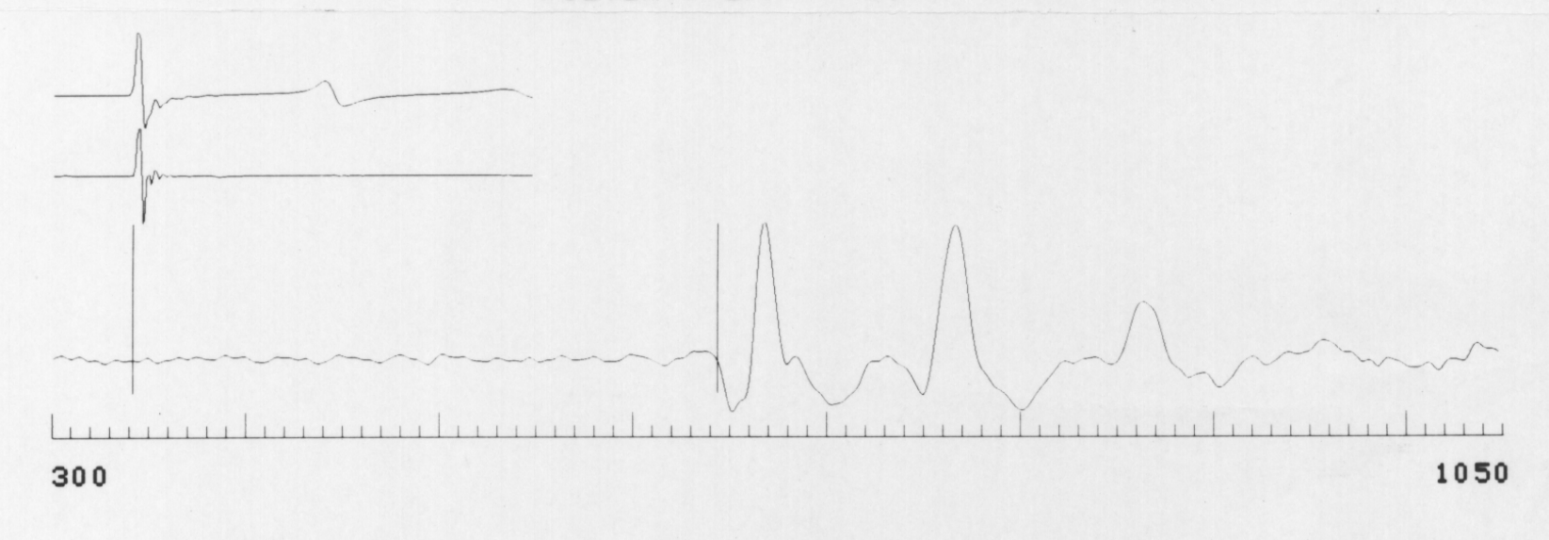
FILE # 3

STACK # 30 @ 1244.1 M 10 /11 /85 7 :35 TT = 551.6 MS
GEOPHONE .000750 CM/SEC @ 590.2 MS
SHOTS STACKED : 169 ,170 ,171 ,172
FILTER : OFF - 90



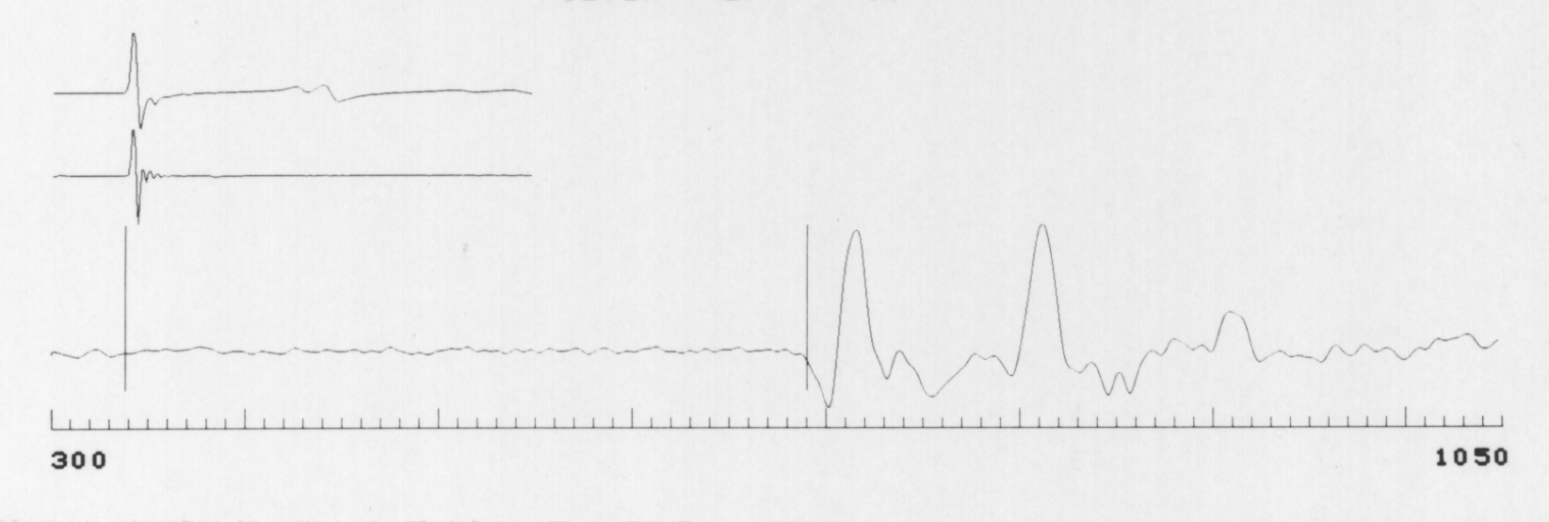
FILE # 3

STACK # 29 @ 1396.1 M 10 /11 /85 7 :31 TT = 602.3 MS
GEOPHONE .000231 CM/SEC @ 642.9 MS
SHOTS STACKED : 165 ,166 ,167 ,168
FILTER : OFF - 90



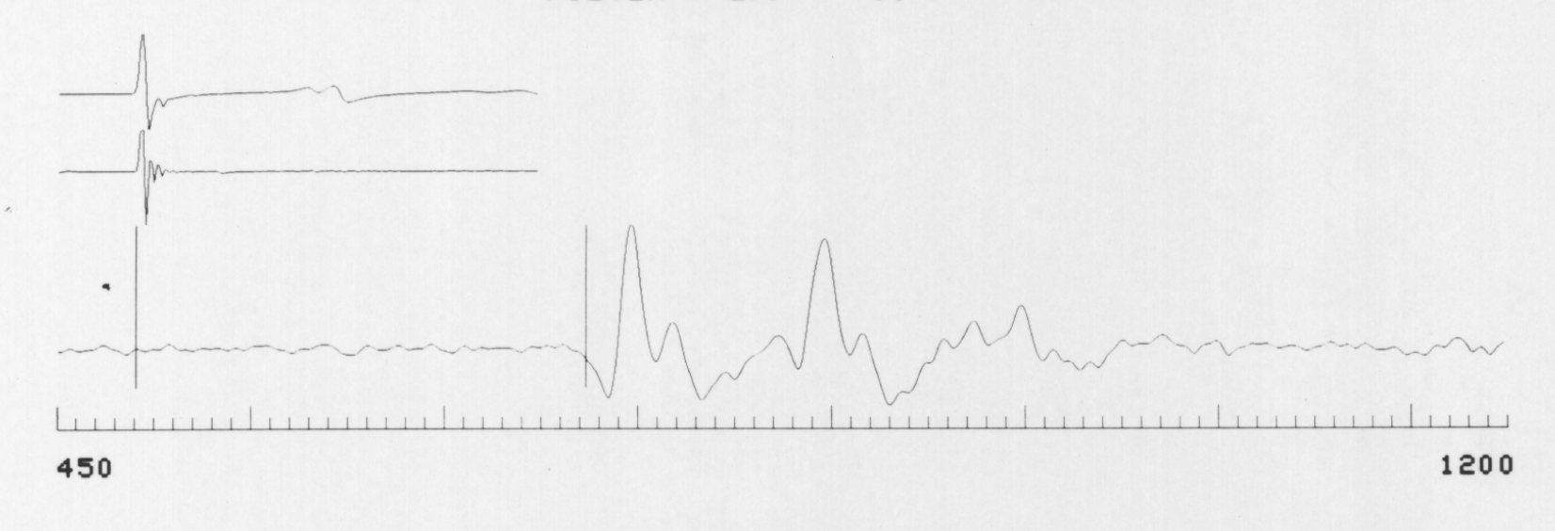
FILE # 3

STACK # 28 @ 1528.4 M 10 /11 /85 7 :26 TT = 652.0 MS
GEOPHONE .000208 CM/SEC @ 689.4 MS
SHOTS STACKED : 162 ,163 ,164
FILTER : OFF - 90



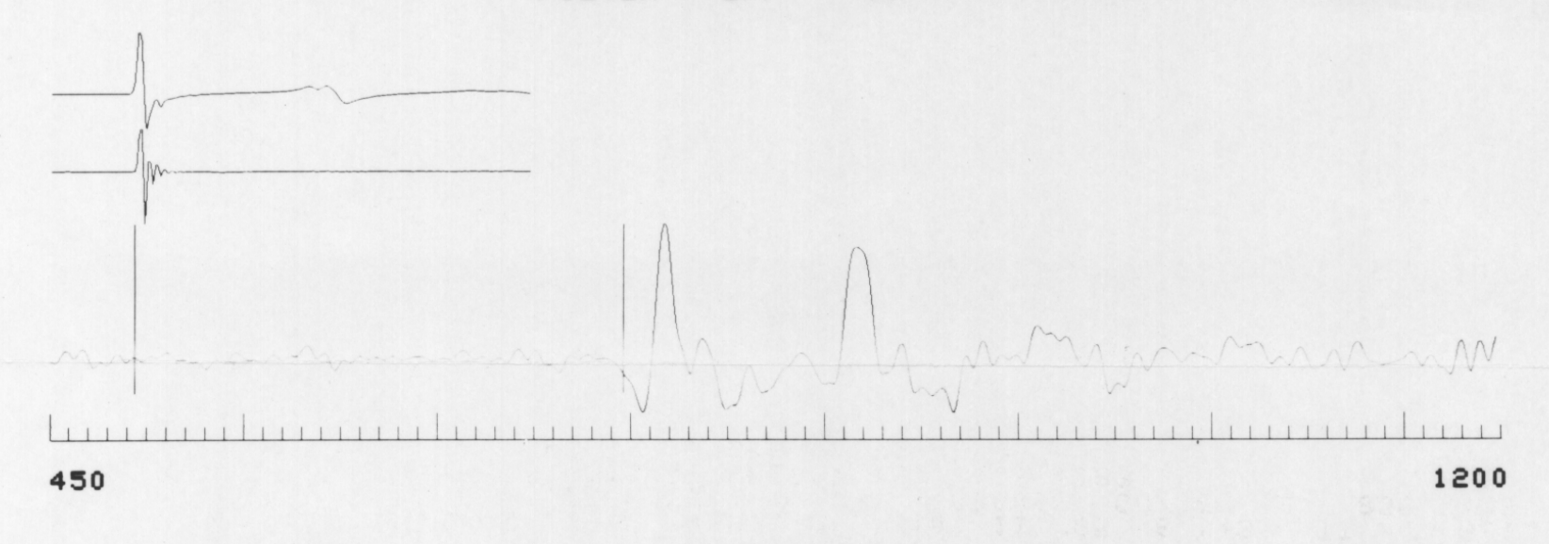
FILE # 3

STACK # 27 @ 1600.0 M 10 /11 /85 7 :20 TT = 682.7 MS
GEOPHONE .000212 CM/SEC @ 722.3 MS
SHOTS STACKED : 157 ,158 ,159
FILTER : OFF - 90



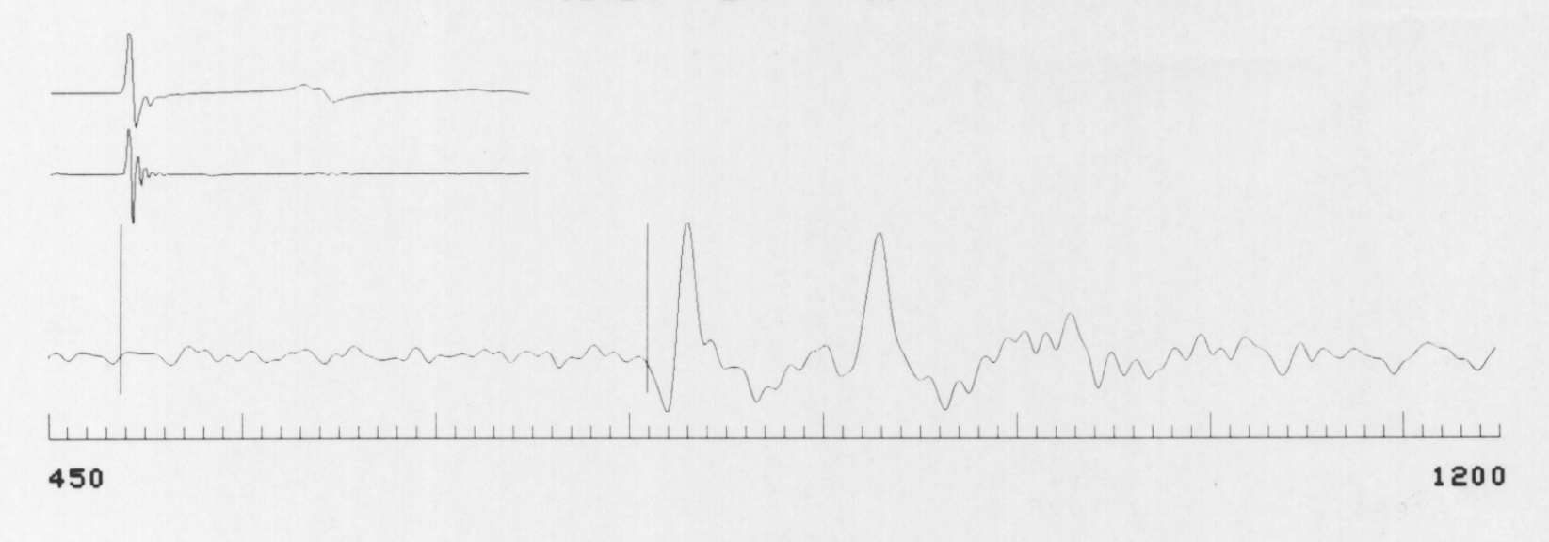
FILE # 3

STACK # 26 @ 1646.0 M 10 /11 /85 7 :14 TT = 702.6 MS
GEOPHONE .000184 CM/SEC @ 745.1 MS
SHOTS STACKED : 153 ,154 ,155 ,156
FILTER : OFF - 90



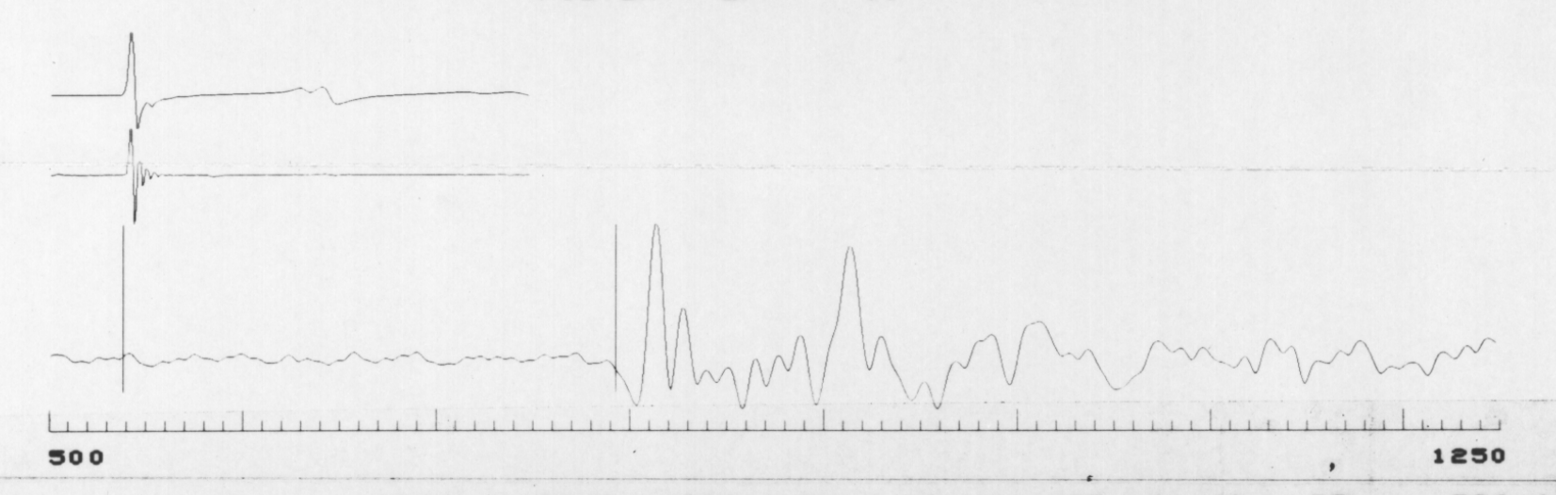
FILE # 3

STACK # 25 @ 1700.1 M 10 /11 /85 7 :6 TT = 721.8 MS
GEOPHONE .000196 CM/SEC @ 758.1 MS
SHOTS STACKED : 150 ,151 ,152
FILTER : OFF - 90

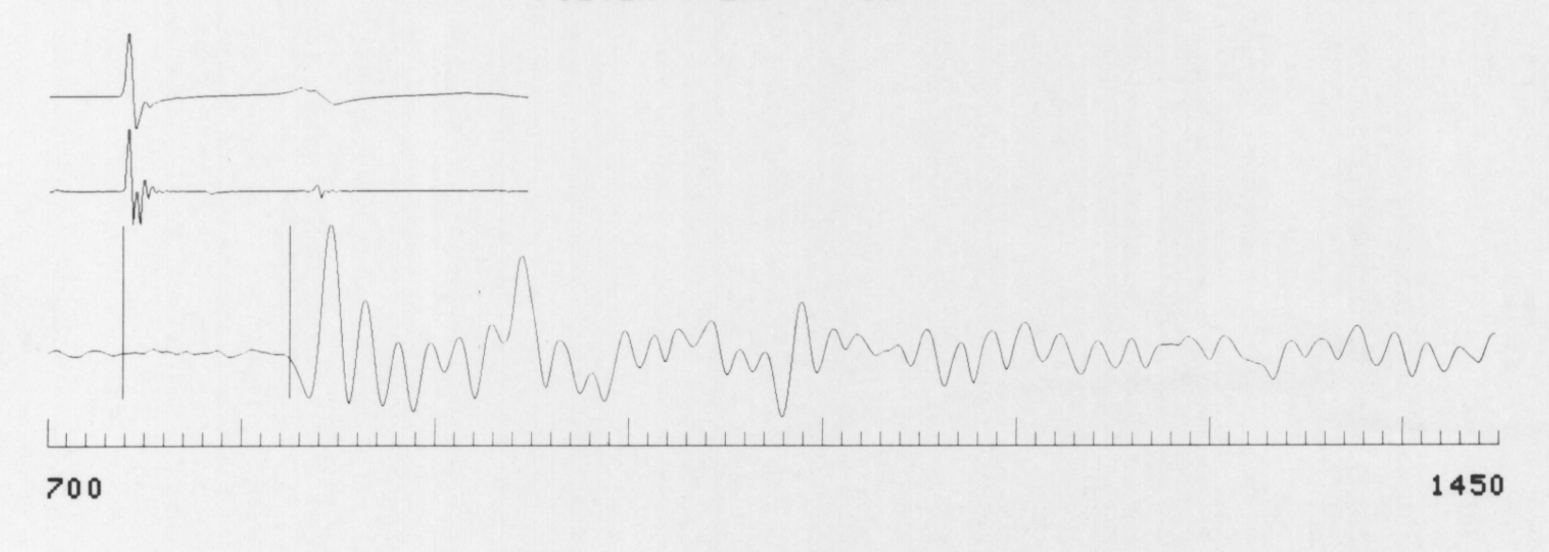


FILE # 3

STACK # 24 @ 1800.0 M 10 /11 /85 6 :59 TT = 754.1 MS
GEOPHONE .000201 CM/SEC @ 791.5 MS
SHOTS STACKED : 144 ,145 ,146
FILTER : OFF - 90

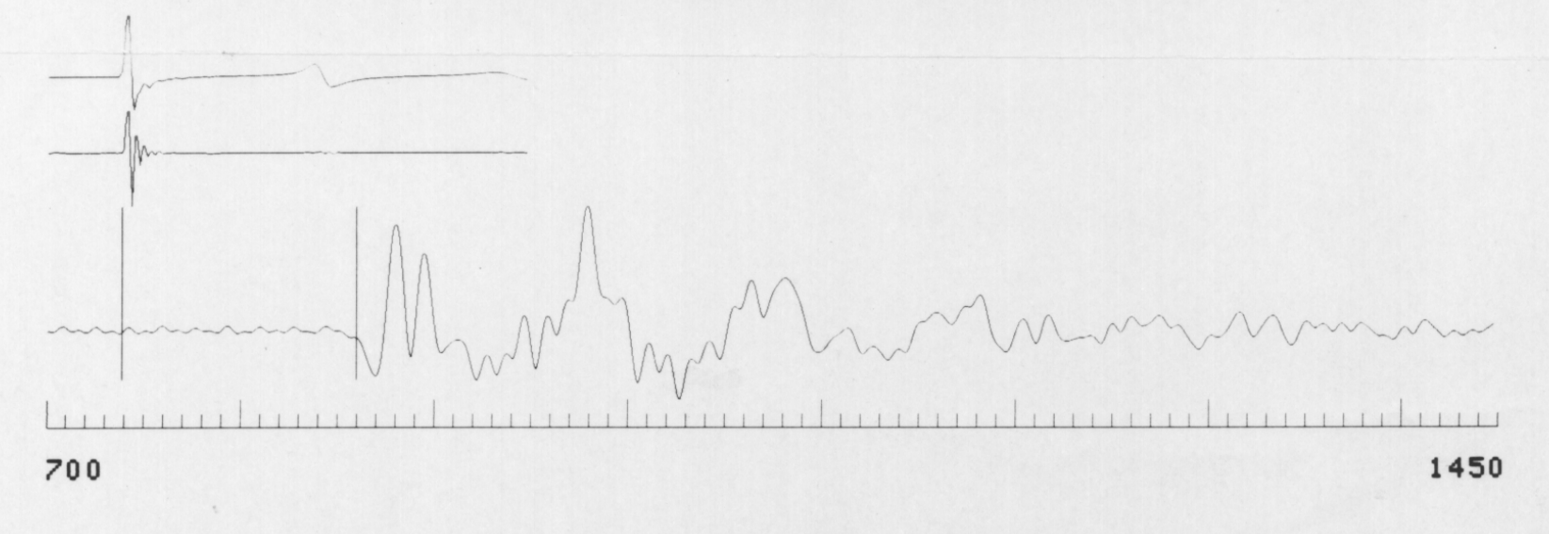


STACK # 22 @ 1900.1 M 10 /11 /85 6 :49 TT = 786.4 MS
GEOPHONE .000184 CM/SEC @ 823.9 MS
SHOTS STACKED : 136 ,137 ,138
FILTER : OFF - 90



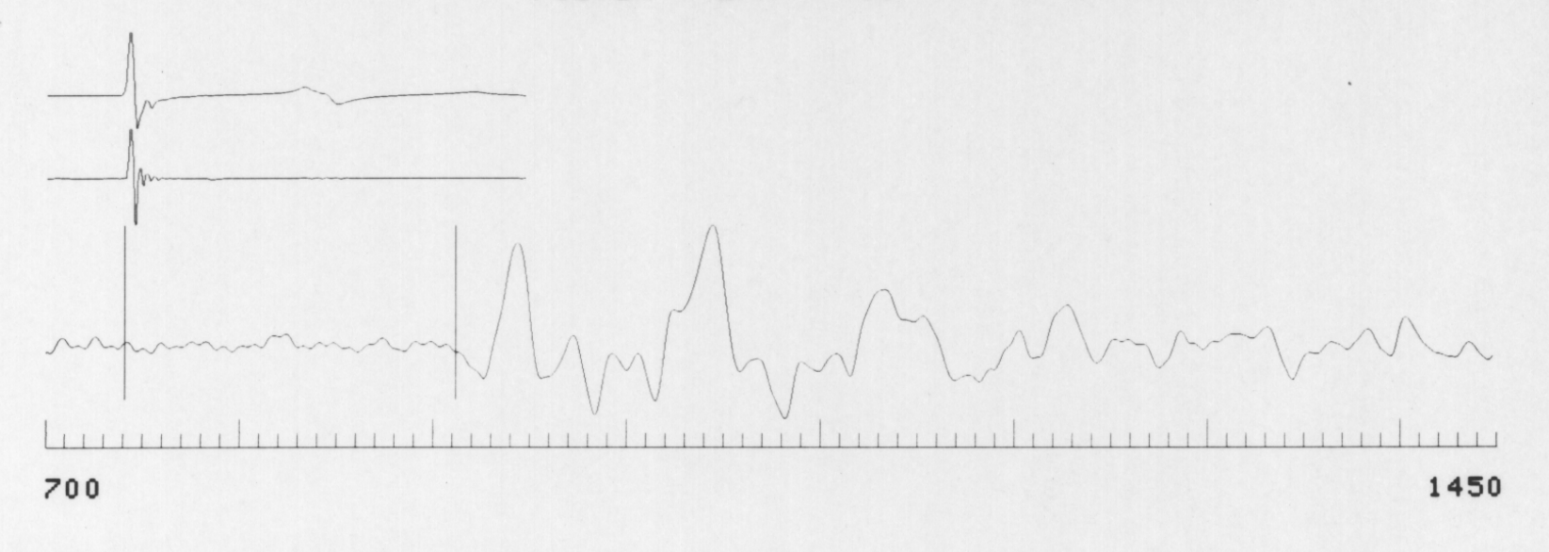
FILE # 3

STACK # 21 @ 2022.1 M 10 /11 /85 6 :43 TT = 821.1 MS
GEOPHONE .000093 CM/SEC @ 858.7 MS
SHOTS STACKED : 131 ,132 ,133
FILTER : OFF - 90



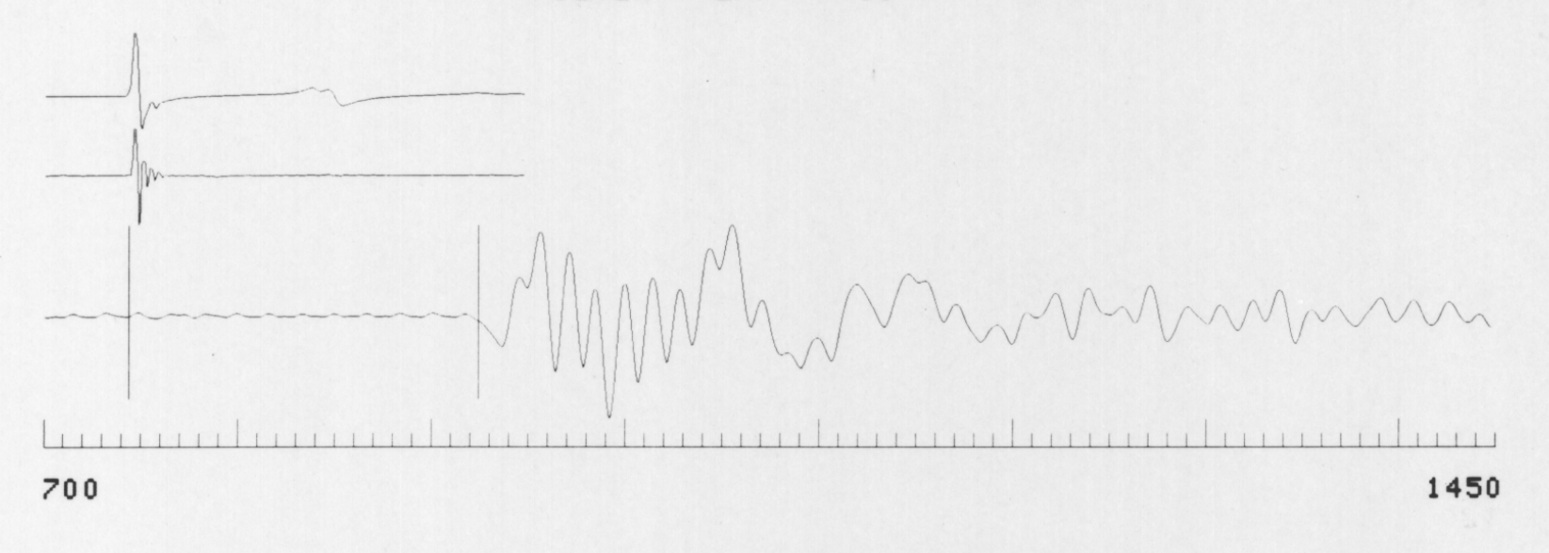
FILE # 3

STACK # 20 @ 2266.1 M 10 /11 /85 6 :35 TT = 871.3 MS
GEOPHONE .000054 CM/SEC @ 910.8 MS
SHOTS STACKED : 123 ,124 ,125 ,126
FILTER : OFF - 90



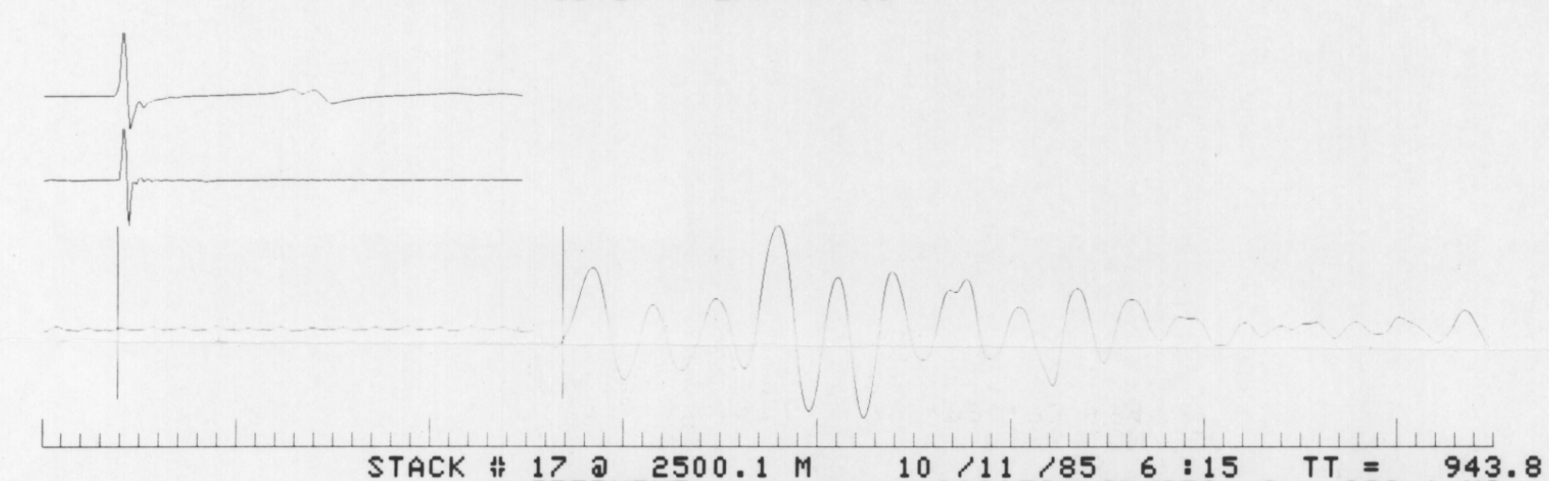
FILE # 3

STACK # 19 @ 2320.1 M 10 /11 /85 6 :29 TT = 880.5 MS
GEOPHONE .000058 CM/SEC @ 923.0 MS
SHOTS STACKED : 120 ,121 ,122
FILTER : OFF - 90

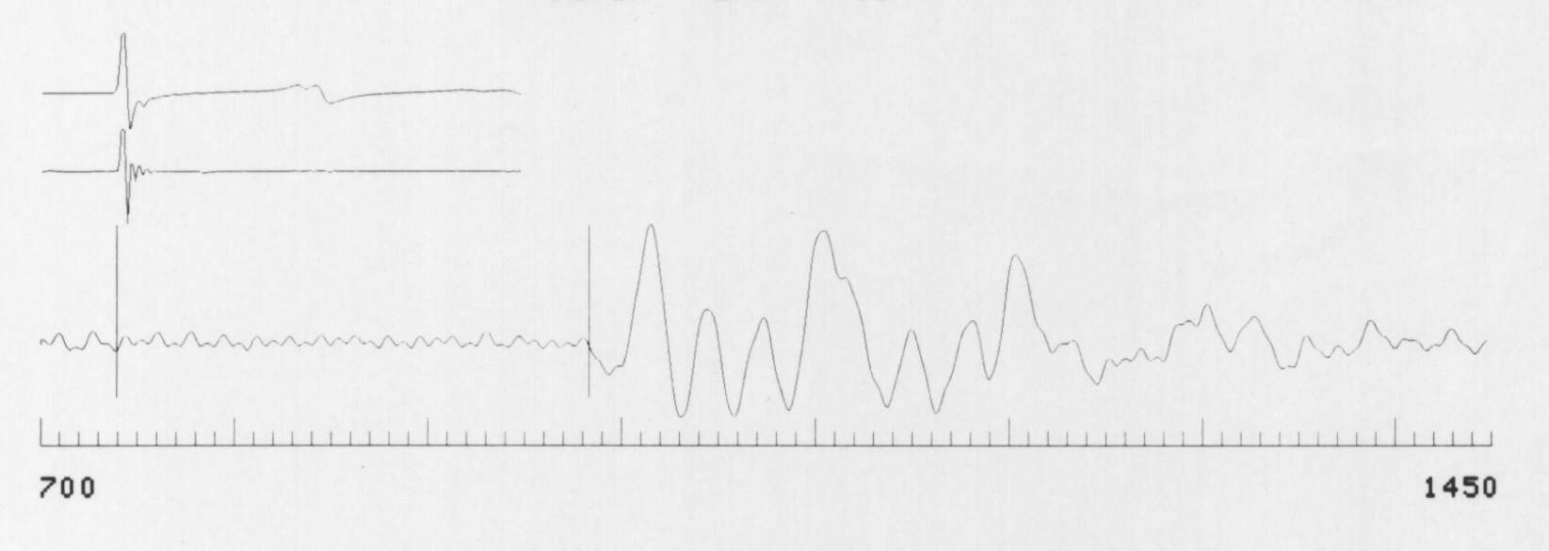


FILE # 3

SHOT # 18 @ 2400.1 M 10 /11 /85 6 :24 TT = 930.0 MS
GEOPHONE .000091 CM/SEC @ 967.6 MS
SHOTS STACKED : 117 ,118 ,119
FILTER : OFF - 90

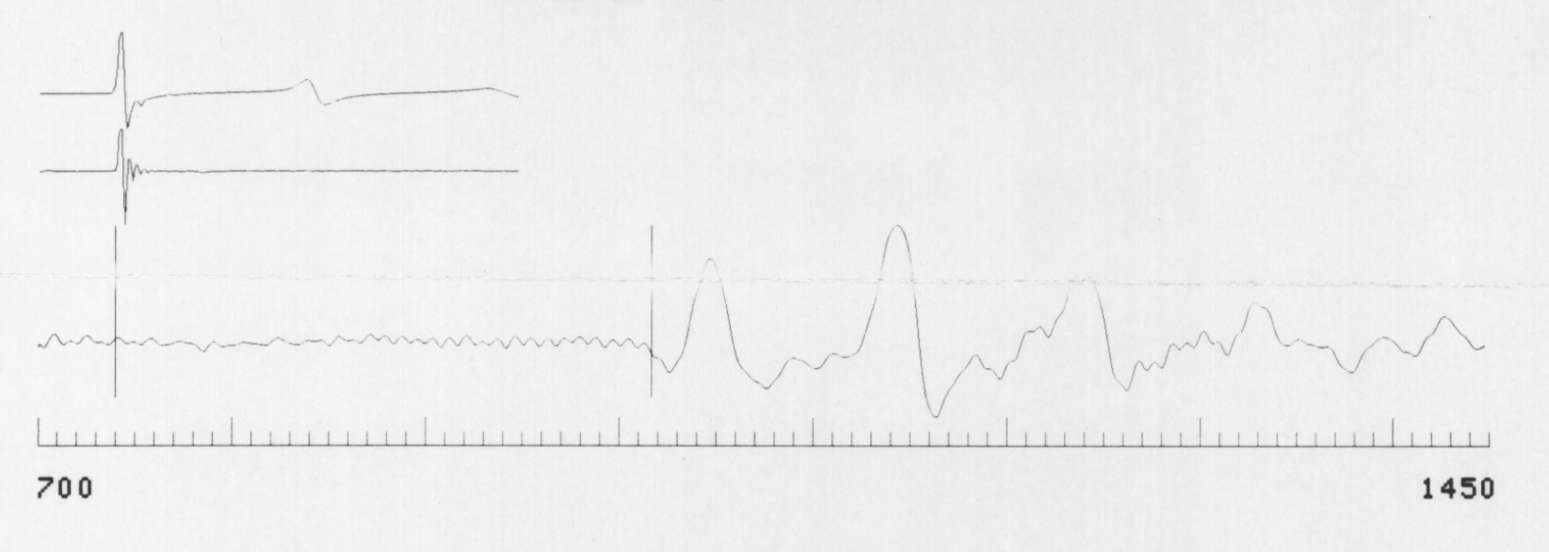


STACK # 17 @ 2500.1 M 10 /11 /85 6 :15 TT = 943.8 MS
GEOPHONE .000053 CM/SEC @ 982.1 MS
SHOTS STACKED : 111 ,112 ,113
FILTER : OFF - 90



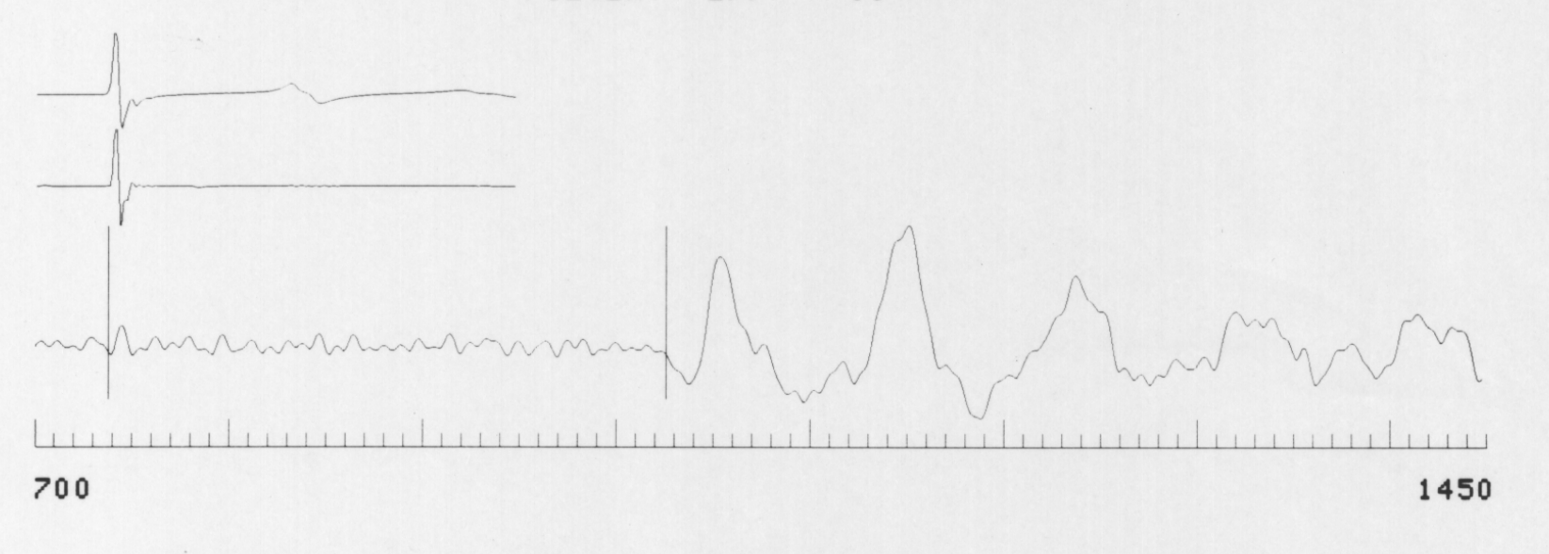
FILE # 3

STACK # 16 @ 2600.1 M 10 /11 /85 6 :10 TT = 977.0 MS
GEOPHONE .000038 CM/SEC @ 1015.5 MS
SHOTS STACKED : 108 ,109 ,110
FILTER : OFF - 90



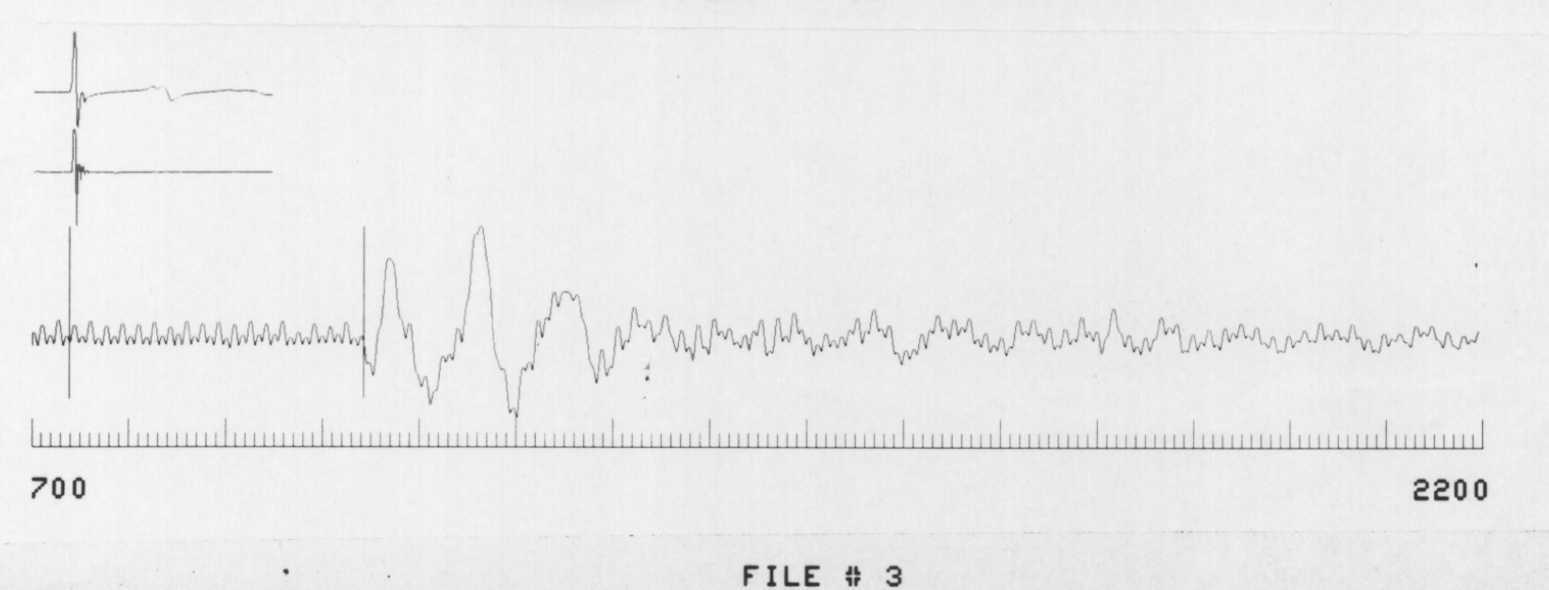
FILE # 3

STACK # 15 @ 2650.0 M 10 /11 /85 6 :6 TT = 988.2 MS
GEOPHONE .000031 CM/SEC @ 1024.8 MS
SHOTS STACKED : 99
100 ,101 ,102 ,104 ,105 ,106 ,107
FILTER : OFF - 90



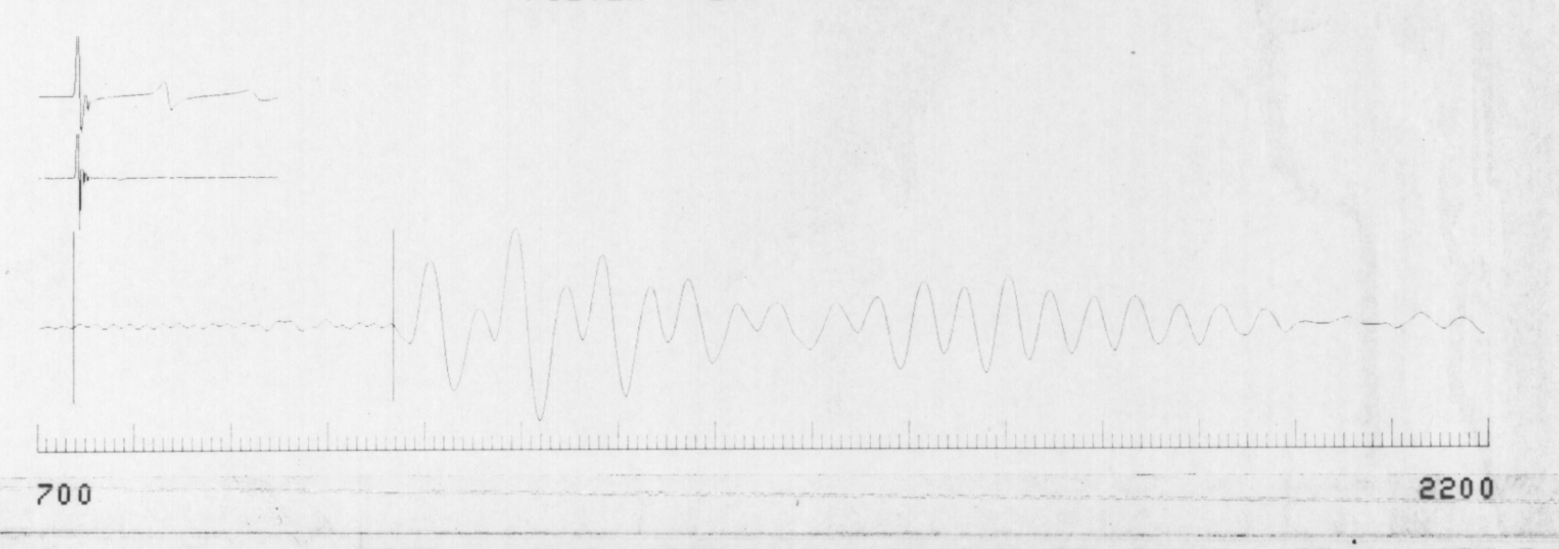
FILE # 3

STACK # 14 @ 2700.1 M 10 /11 /85 5 :55 TT = 1003.7 MS
GEOPHONE .000025 CM/SEC @ 1041.3 MS
SHOTS STACKED : 91 ,92 ,93 ,94
FILTER : OFF - 90

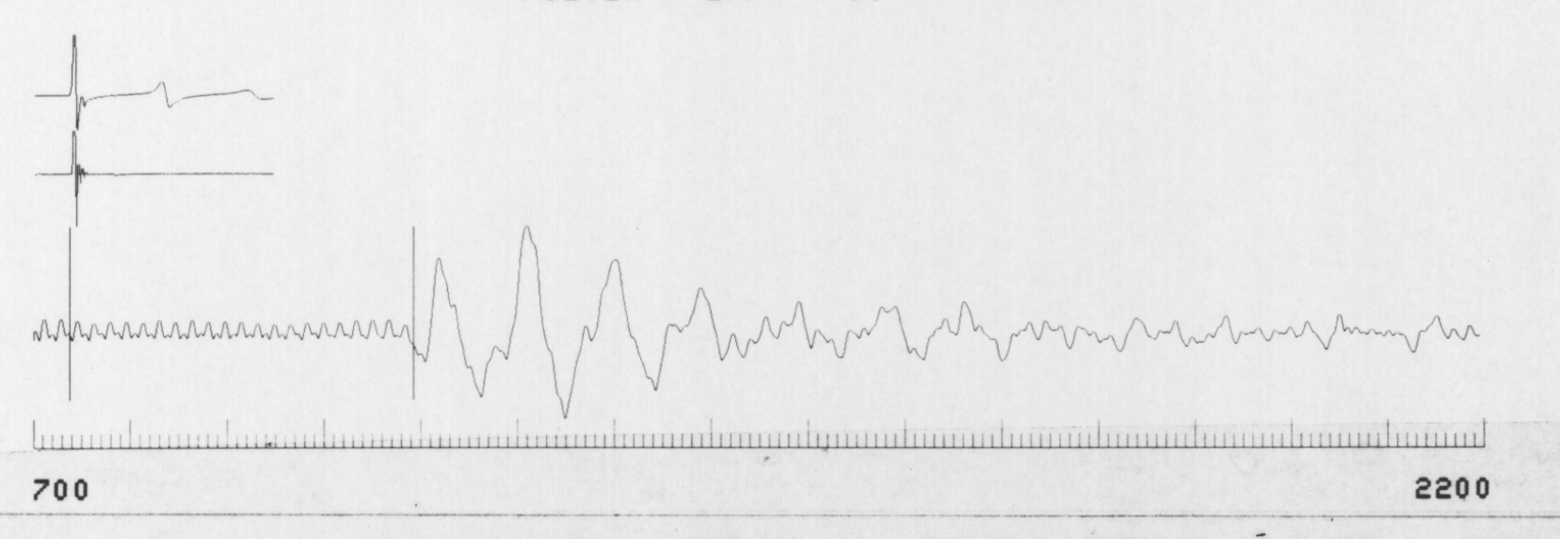


FILE # 3

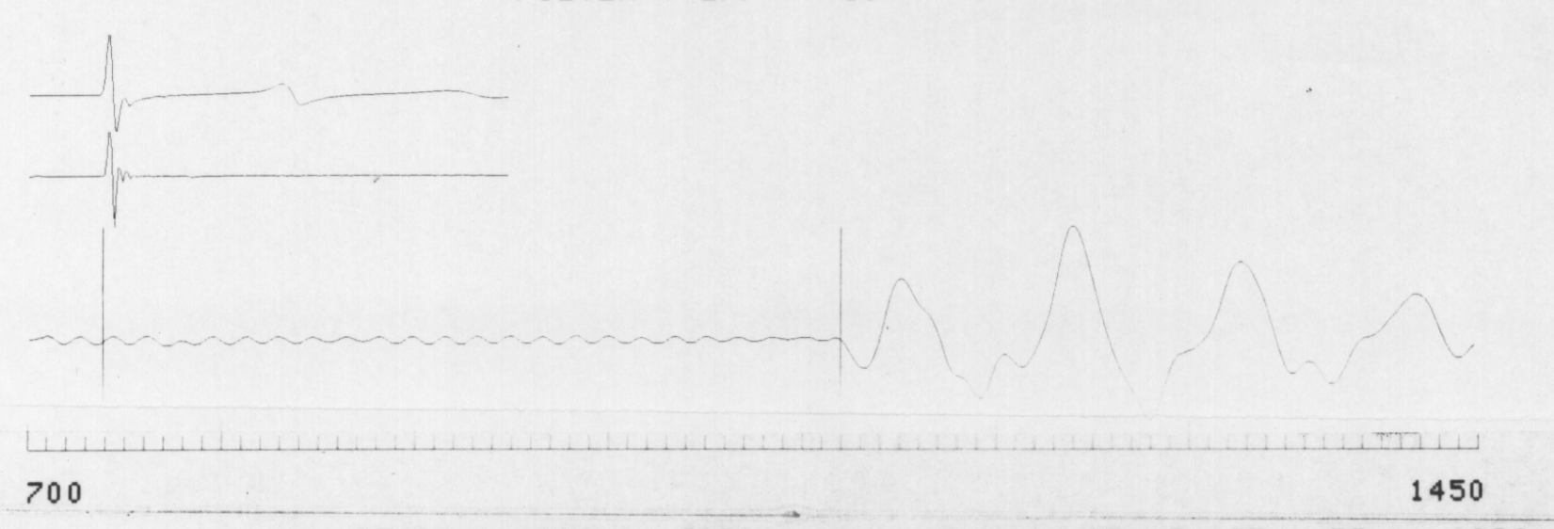
STACK # 1004 @ 2800.1 M 10 /11 /85 5 :49 TT = 1030.0 MS
GEOPHONE .000037 CM/SEC @ 1090.1 MS
SHOTS STACKED : 86 ,87 ,88 ,89
FILTER : OFF - 60



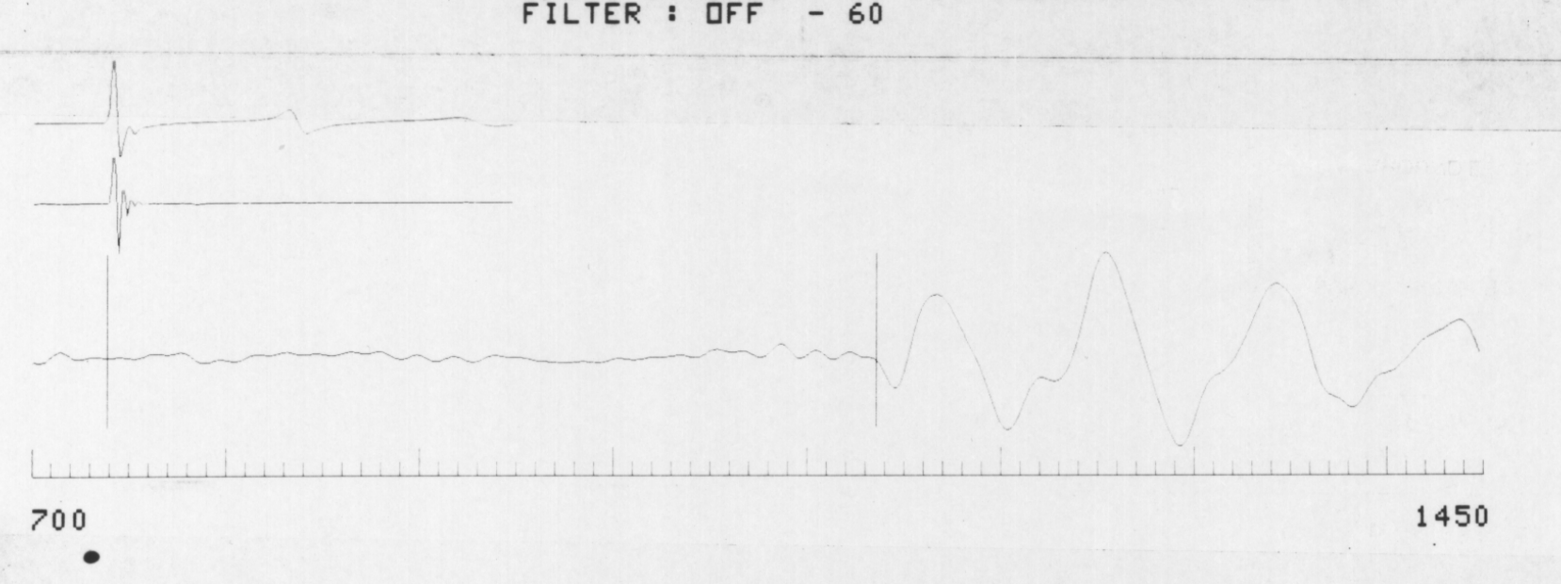
STACK # 12 @ 2892.1 M 10 /11 /85 5 :44 TT = 1054.7 MS
GEOPHONE .000024 CM/SEC @ 1091.2 MS
SHOTS STACKED : 81 ,82 ,83 ,84
FILTER : OFF - 90



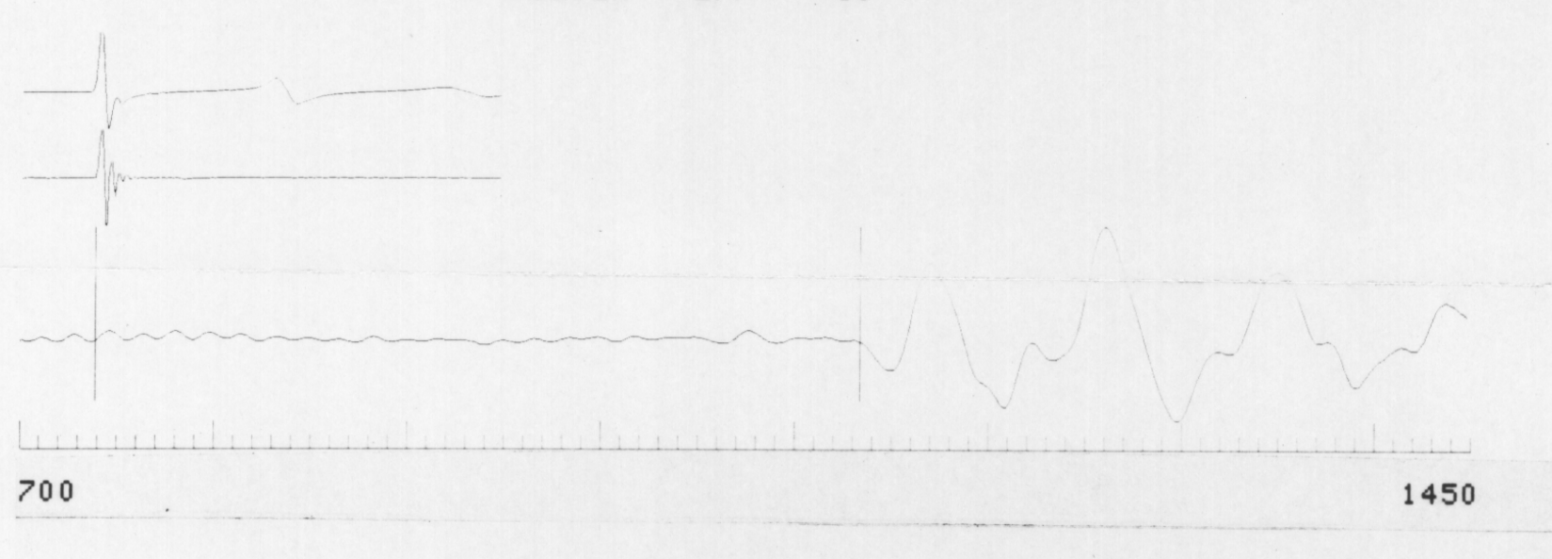
STACK # 1015 @ 3000.1 M 10 /11 /85 5 :36 TT = 1081.3 MS
GEOPHONE .000018 CM/SEC @ 1118.8 MS
SHOTS STACKED : 73 ,74 ,75 ,76
FILTER : OFF - 60



STACK # 1009 @ 3050.1 M 10 /11 /85 5 :27 TT = 1096.9 MS
GEOPHONE .000016 CM/SEC @ 1134.5 MS
SHOTS STACKED : 60 ,61 ,62 ,63 ,64 ,65 ,66
FILTER : OFF - 60



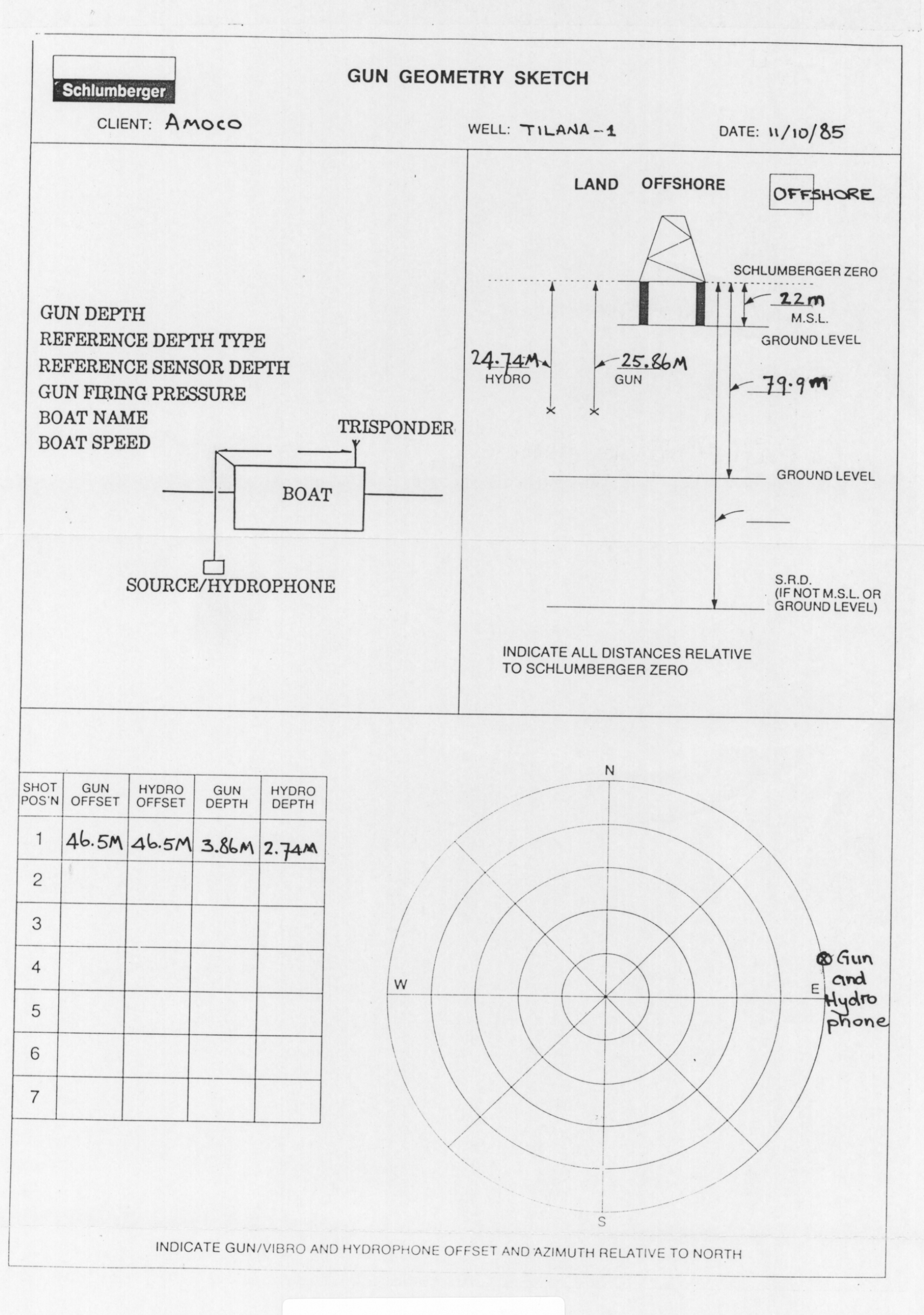
STACK # 1013 @ 3070.0 M 10 /11 /85 5 :19 TT = 1095.2 MS
GEOPHONE .000013 CM/SEC @ 1132.7 MS
SHOTS STACKED : 56 ,57 ,58 ,59
FILTER : OFF - 60



Schlumberger

GUN GEOMETRY SKETCH

CLIENT: AMOCO
WELL: TILANA-1
DATE: 11/10/85



INDICATE ALL DISTANCES RELATIVE TO SCHLUMBERGER ZERO

SHOT POS'N	GUN OFFSET	HYDRO OFFSET	GUN DEPTH	HYDRO DEPTH
1	46.5M	46.5M	3.86M	2.74M
2				
3				
4				
5				
6				
7				

INDICATE GUN/VIBRO AND HYDROPHONE OFFSET AND AZIMUTH RELATIVE TO NORTH

5 cm