DEPT. NAT. RES & ENV
PE600007

**Seismograph Service Limited**
(Inc. in England. Reg. in W.A.)

WCR.

# VELOCITY LOG

## LINEAR TIME SCALE

**FILING NO.**

**COMPANY** PHILLIPS AUSTRALIAN OIL COMPANY

**WELL** BRIDGEWATER BAY NO.1

**FIELD** WILDCAT

**COUNTRY** AUSTRALIA (OFFSHORE)

**LOCATION**
38° 32' 26" S
141° 21' 42" E

**CALIBRATION**
4-12-83

**SONIC RUNS:** 3-10-83, 11-11-83, 3-12-83

M.4507

## CALIBRATION DATA

**CHECK LEVELS:**

500, 900, 1010, 1205, 1400, 1555, 1700, 1850, 2050, 2190, 2375, 2500, 2630, 2718, 2925, 3150, 3350, 3500, 3700, 3900, 4017, 4104, 4180m Below K.B.

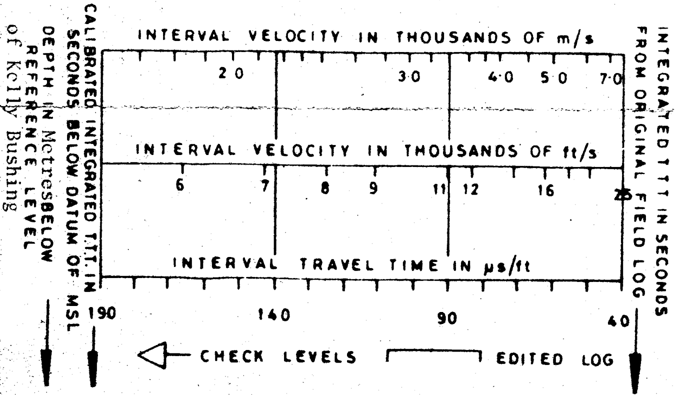
## CORRECTIONS APPLIED

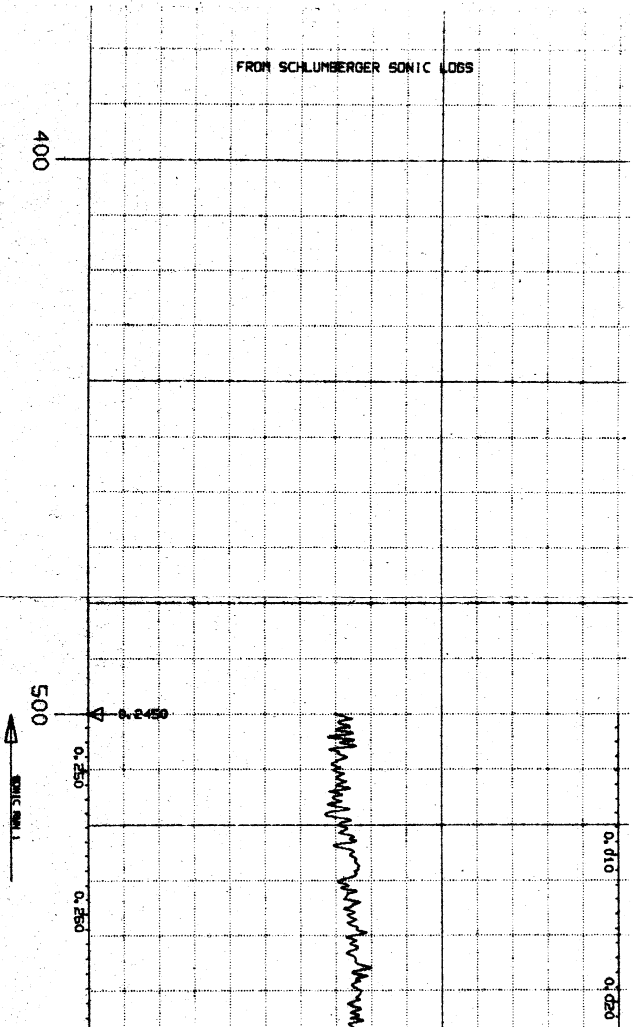
| DEPTHS | INTERVAL TIME CORRECTION |
|---|---|
| 500 - 897 m | Zero Shift. |
| | |
| 897 - 1202 m | 80.5% differential shift (90us/ft Baseline). |
| 1202 - 1550 m | Zero Shift. |
| 1550 - 2048 m | 7.7us/ft Linear Shift. |
| 2048 - 3048 m | Zero Shift. |
| 3048 - 3398 m | 5.4us/ft Linear Shift. |
| 3398 - 4190 m | Zero Shift. |

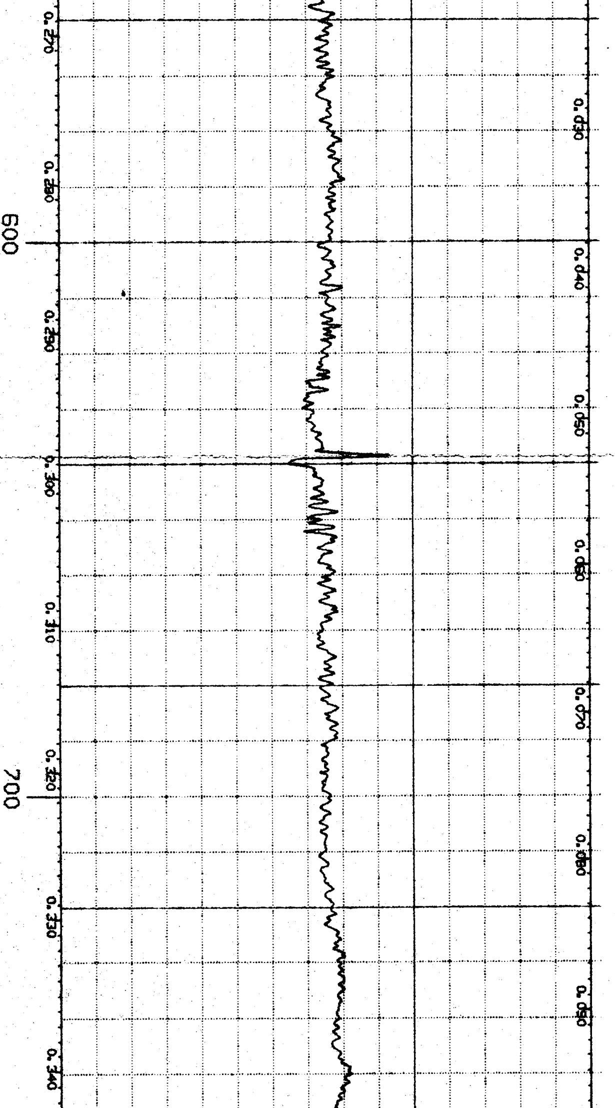
**REMARKS:**

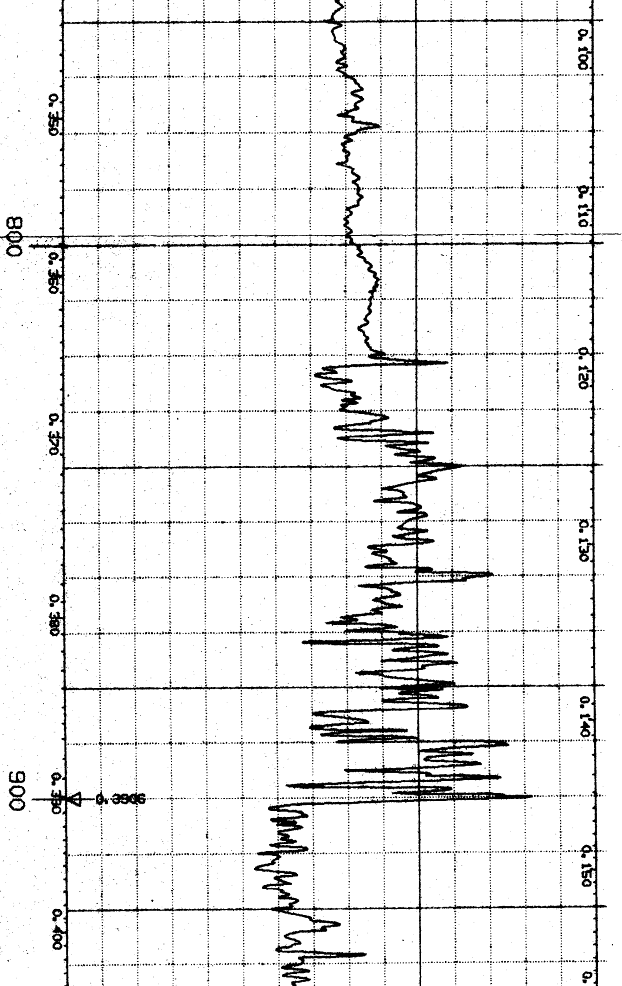
There is a gap of 8m between sonic runs 1 and 2. This has been joined by a straight line at the general velocity of the adjacent log and the log treated as continuous.

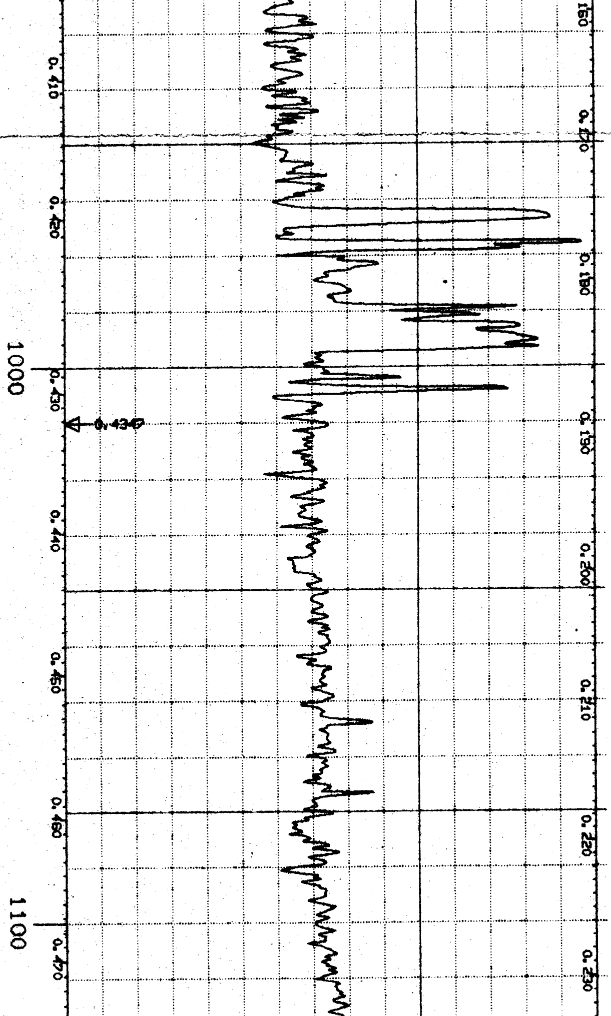
DEPTH SCALE 1/1000

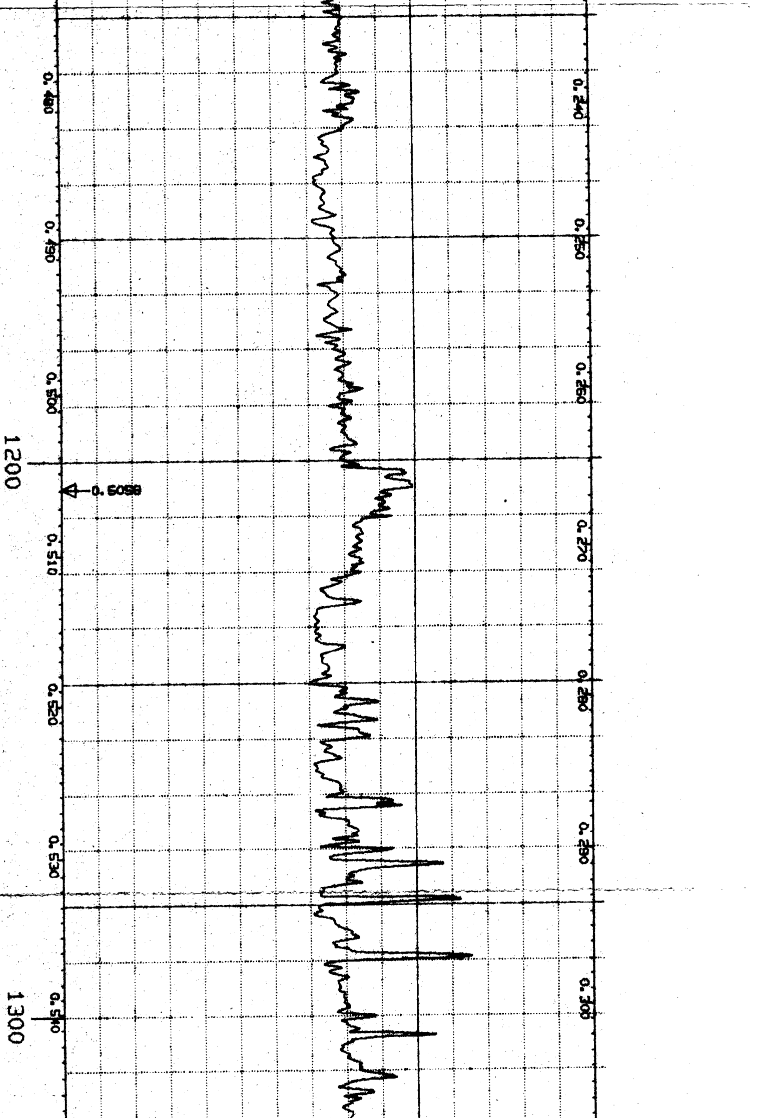

CALIBRATED INTEGRATED T.T.T. IN SECONDS BELOW DATUM OF MSL
DEPTH IN Metres BELOW REFERENCE LEVEL of Kelly Bushing
INTERVAL VELOCITY IN THOUSANDS OF m/s
2 0
3·0
4·0
5·0
7·0
INTERVAL VELOCITY IN THOUSANDS OF ft/s
6
7
8
9
11
12
16
25
INTERVAL TRAVEL TIME IN μs/ft
190
140
90
40
INTEGRATED T.T.T. IN SECONDS FROM ORIGINAL FIELD LOG
CHECK LEVELS
EDITED LOG

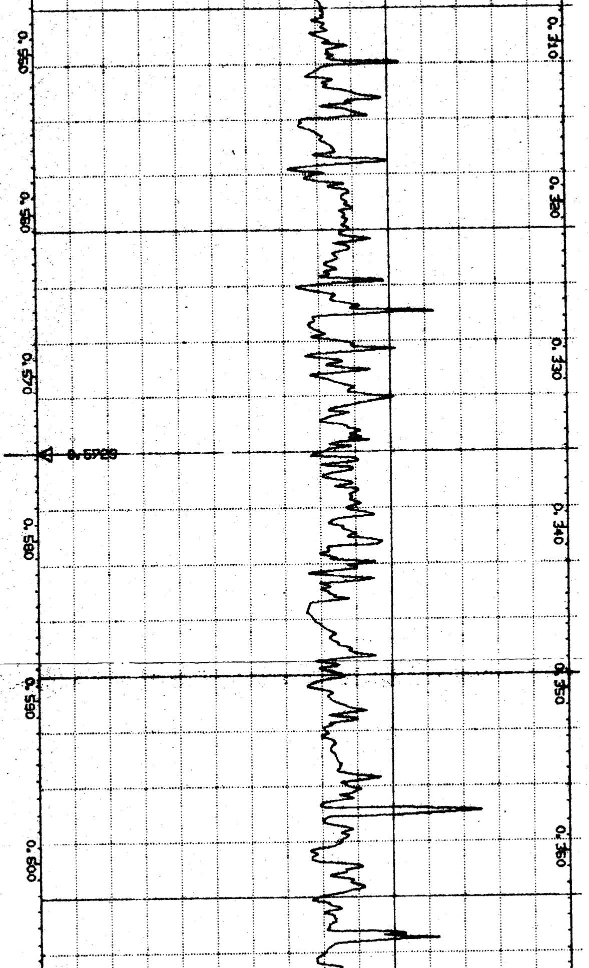


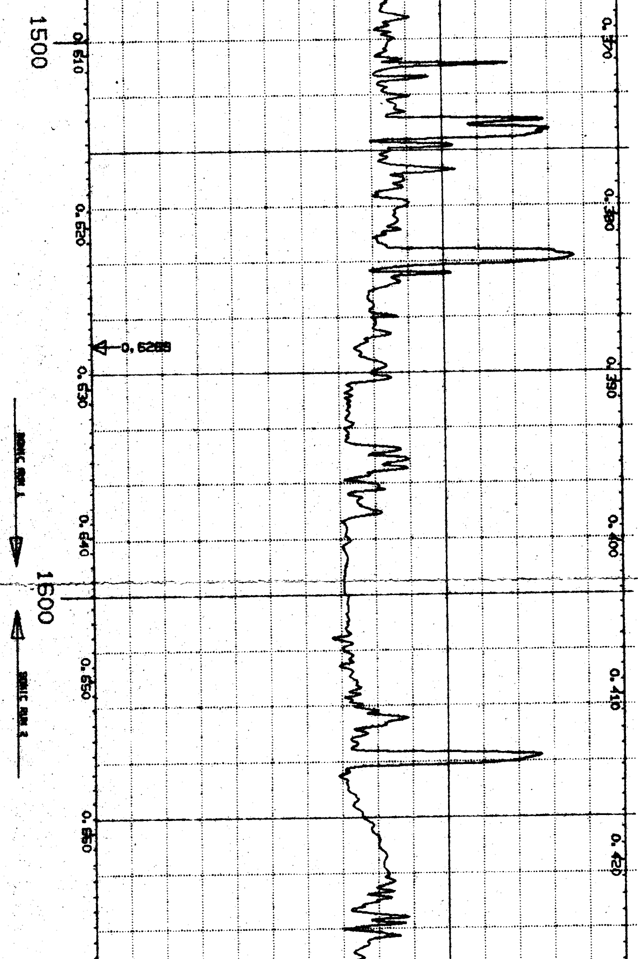
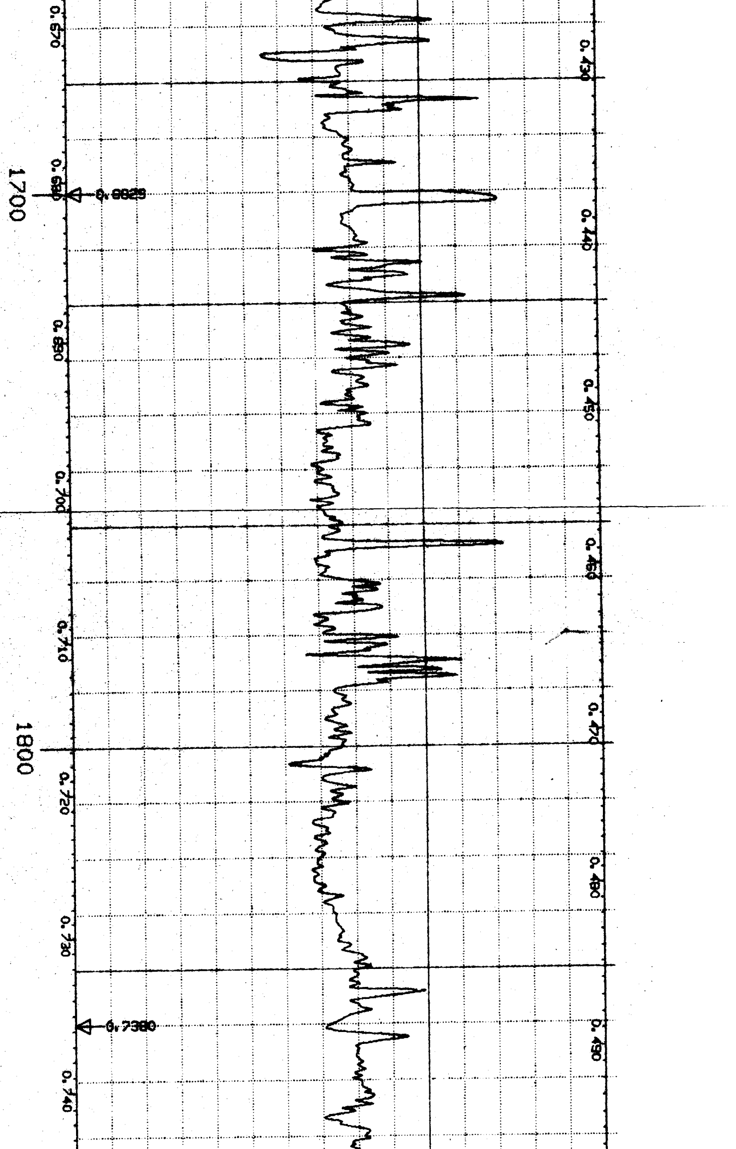
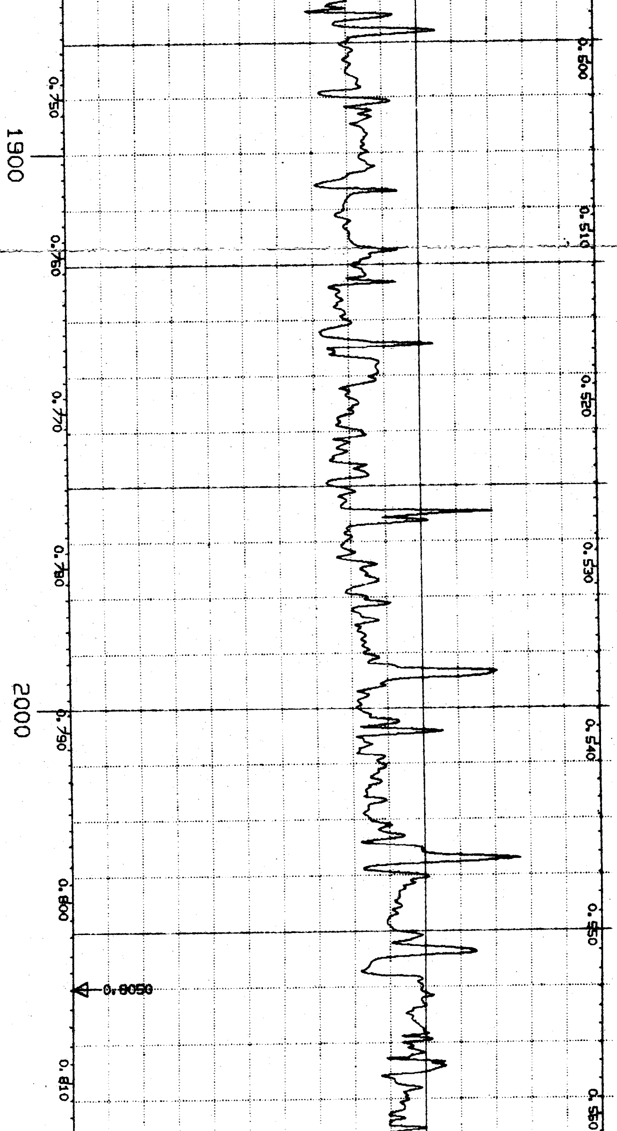
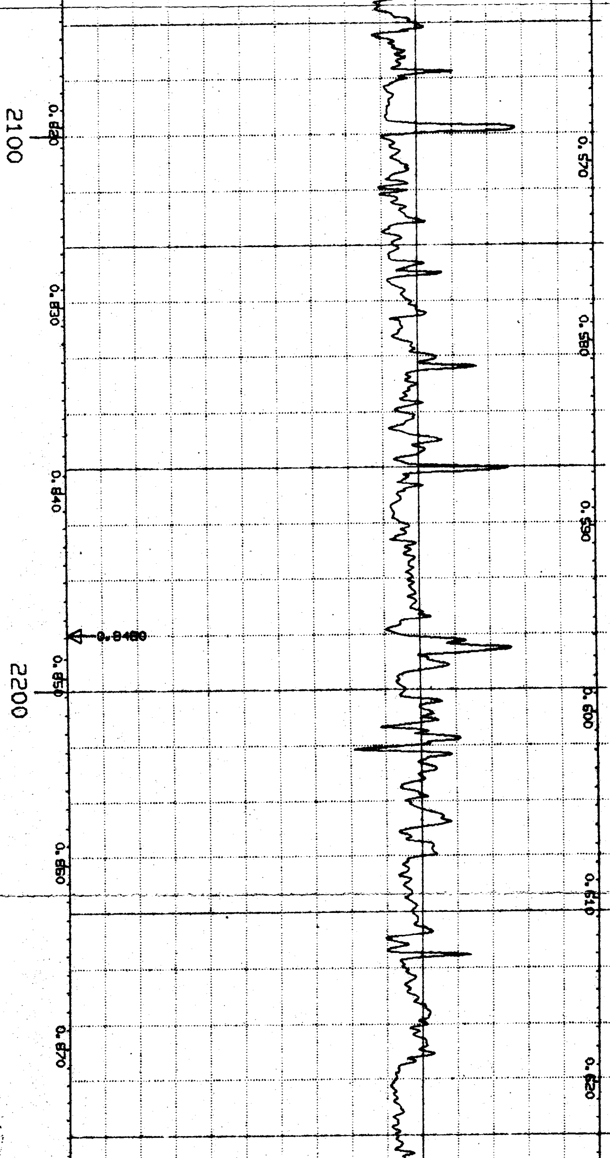
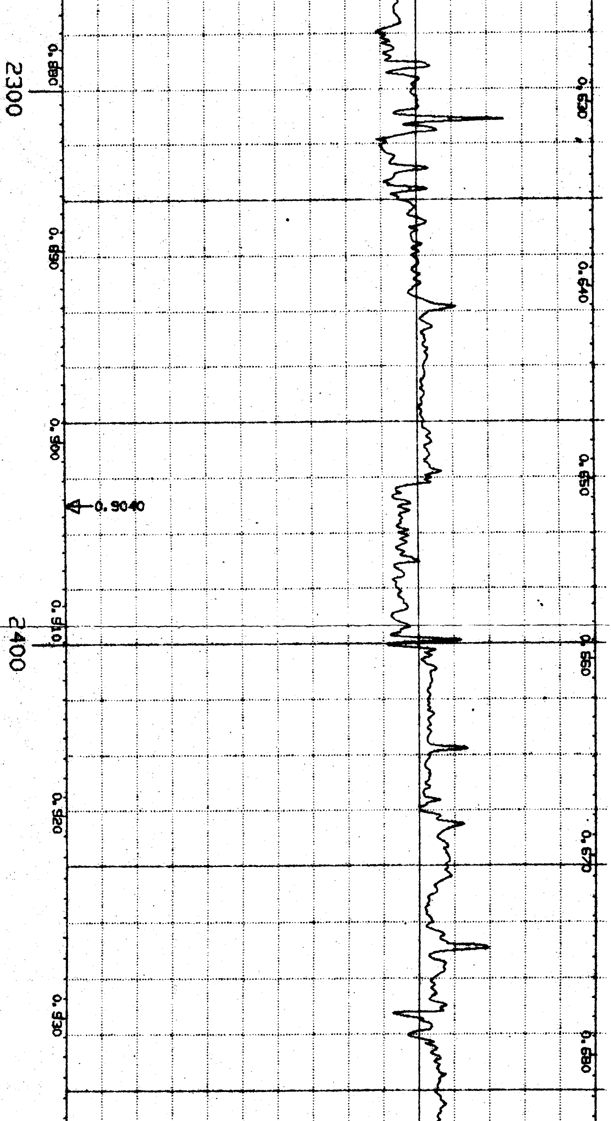
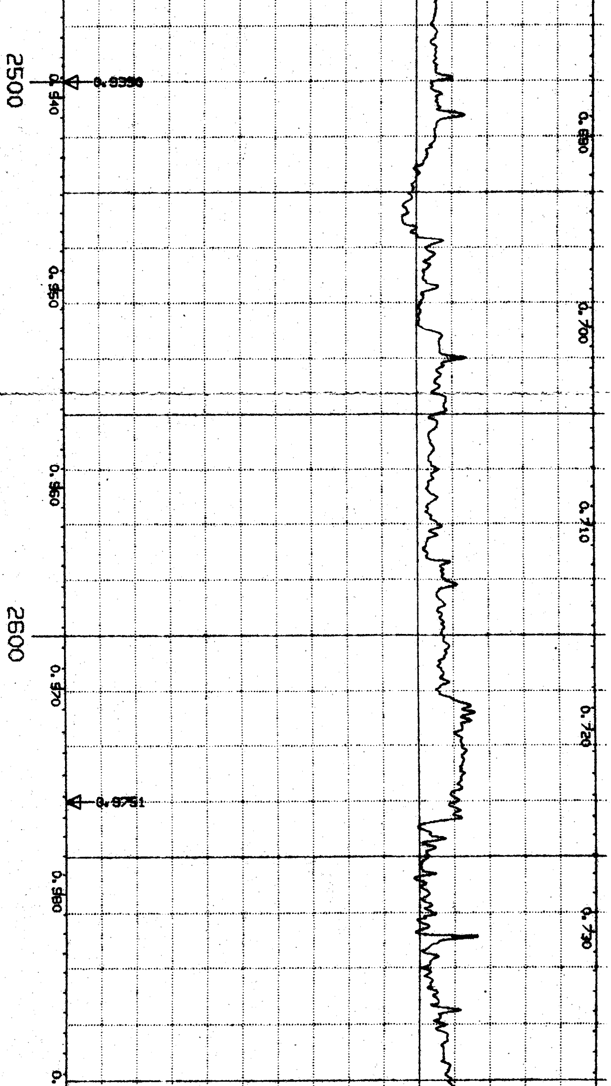
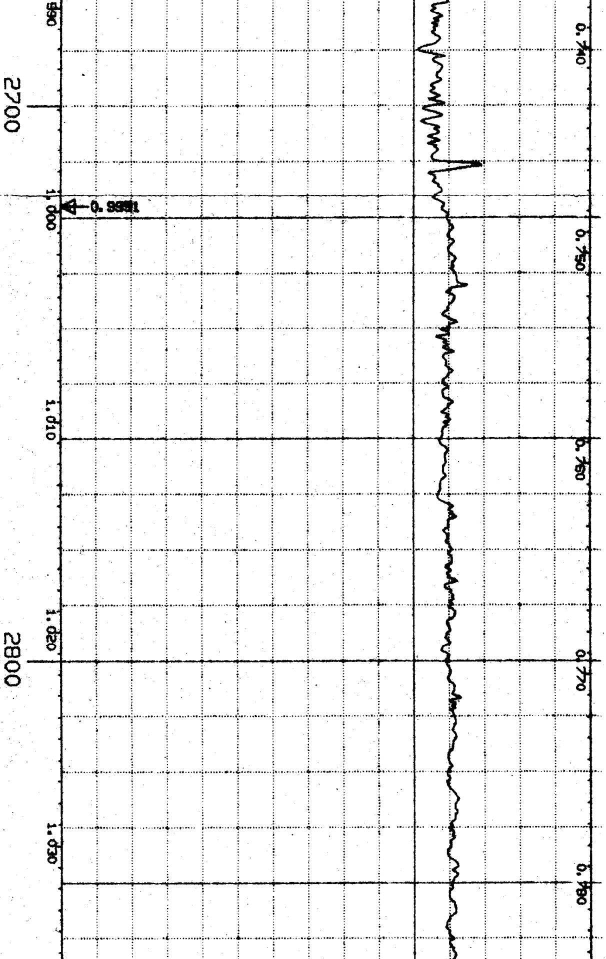
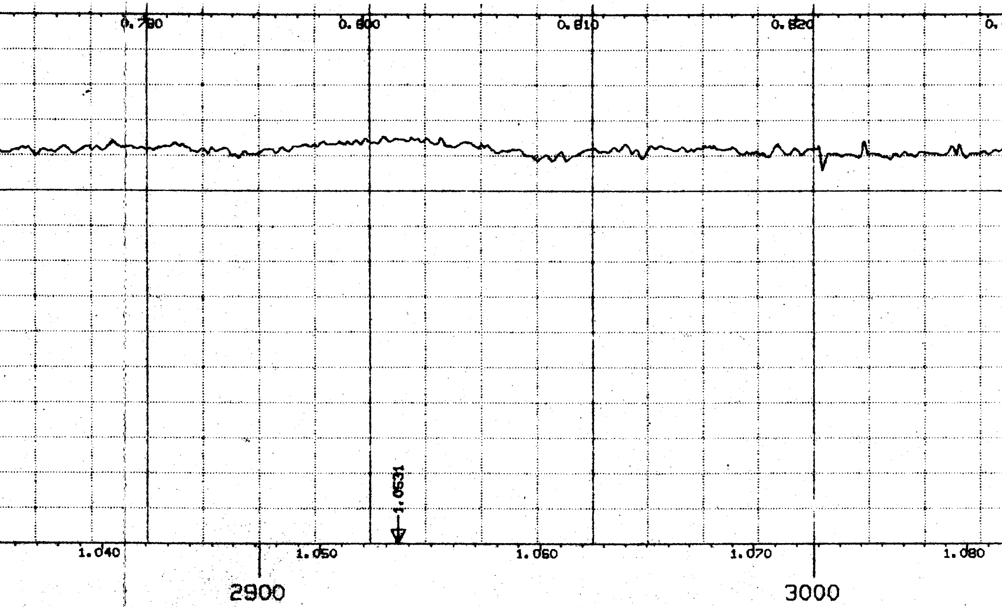
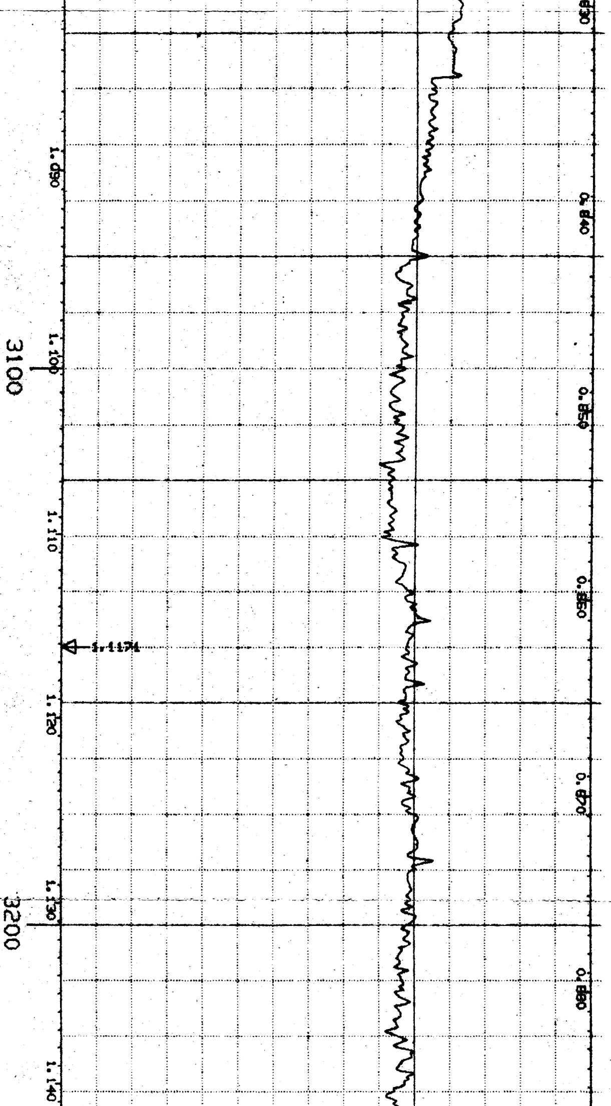
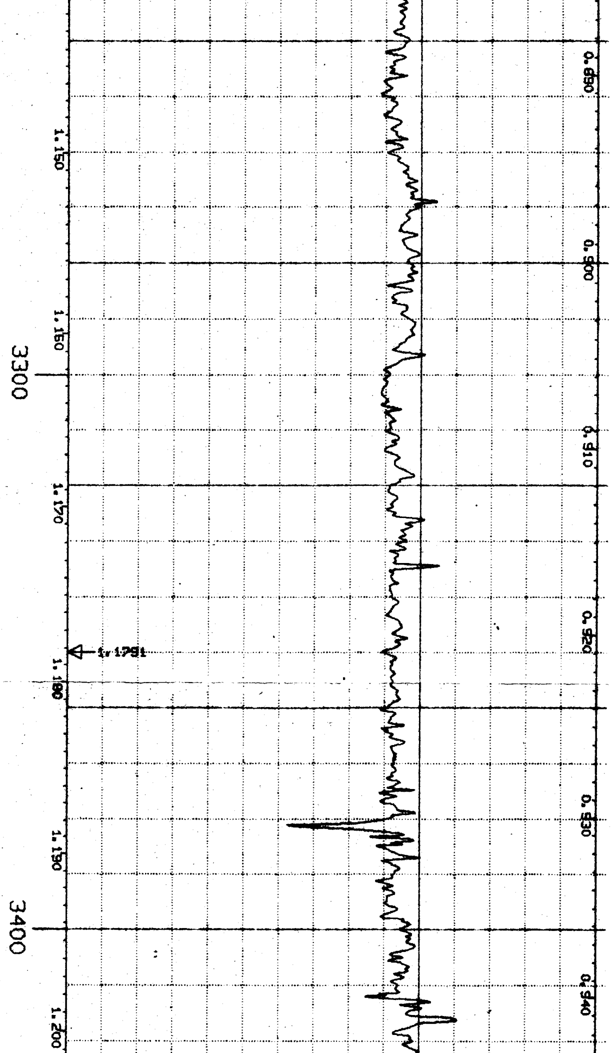
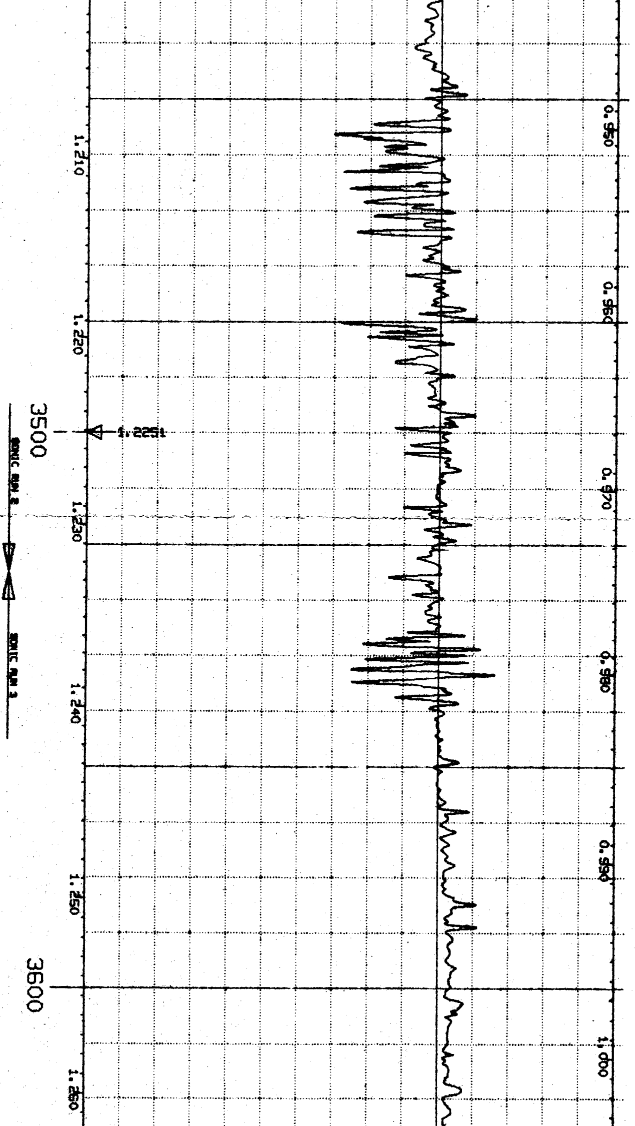
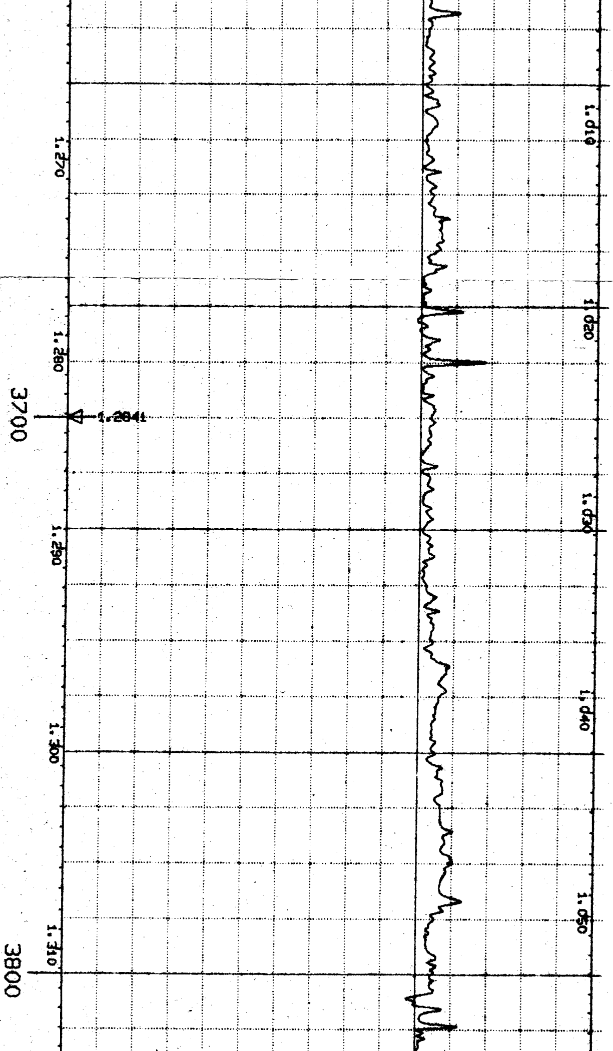
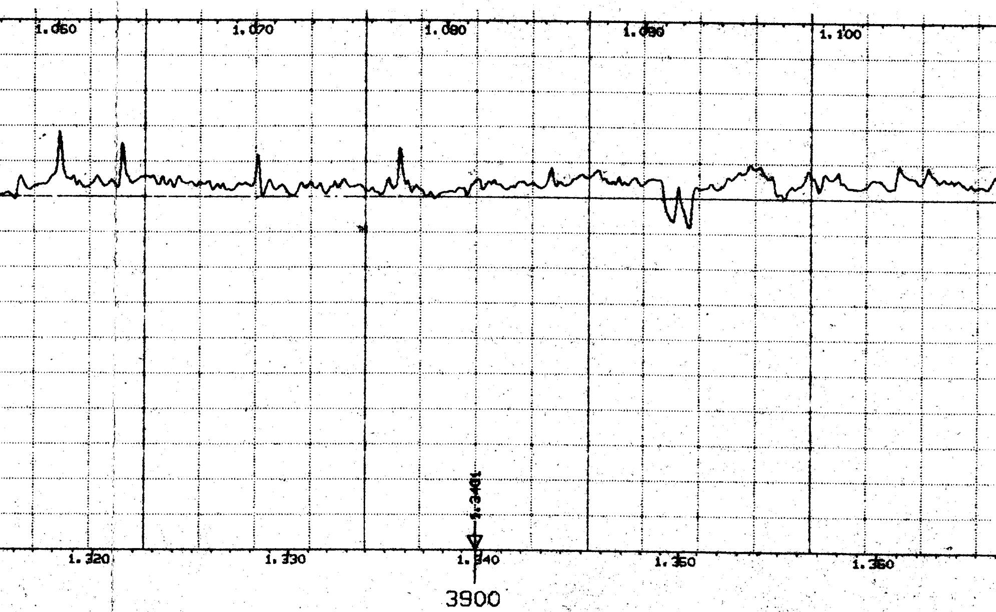
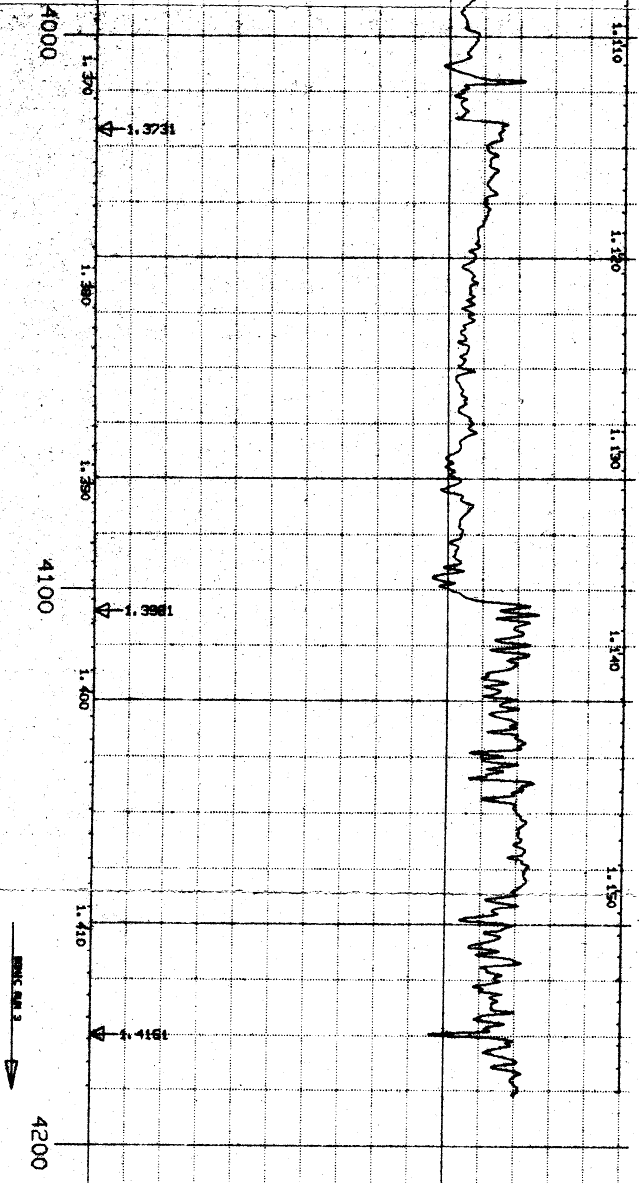










1400