DEPT. NAT. RES & ENV
PE600006

M.4507

BOREHOLE GEOPHYSICAL DATA **W831**

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

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

CALIBRATION DATA

CHECK LEVELS:

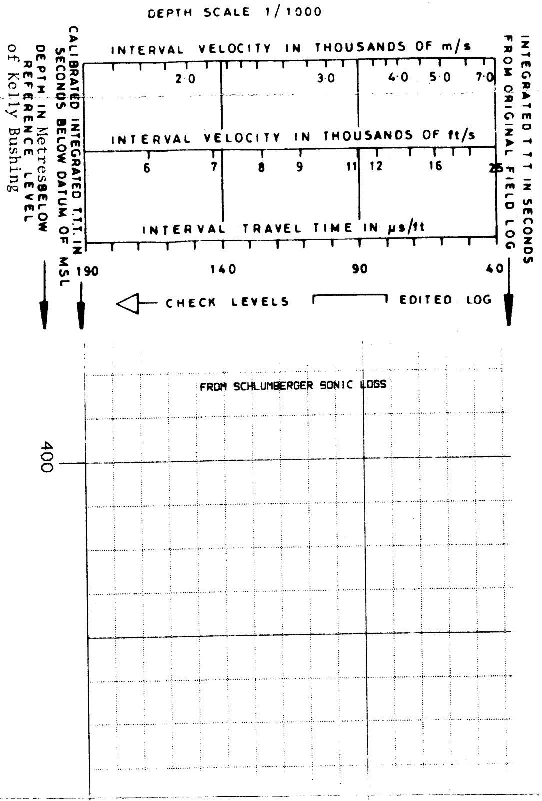
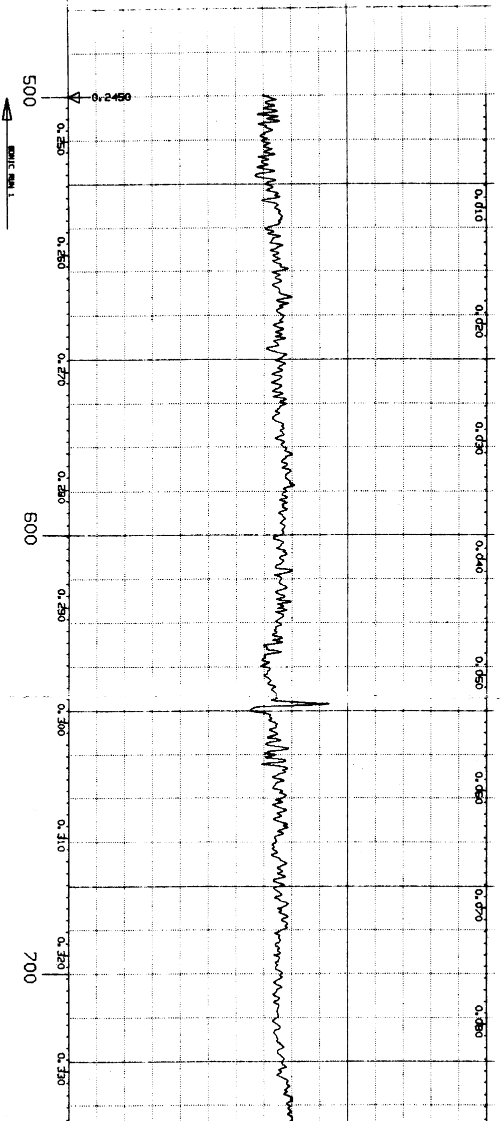
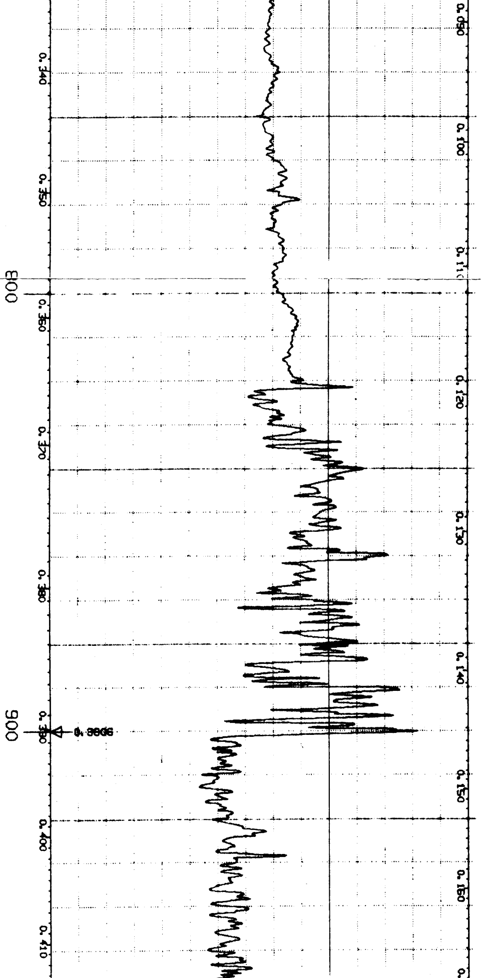
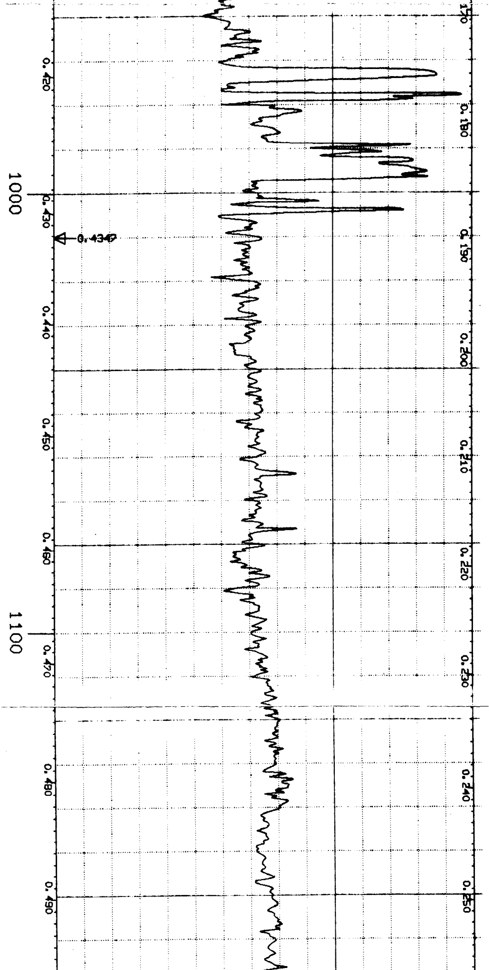
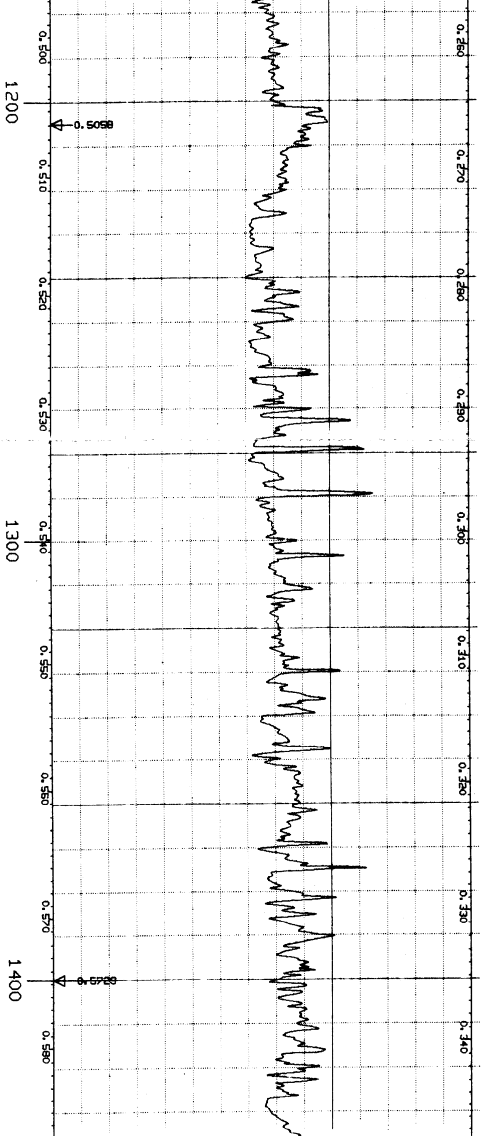
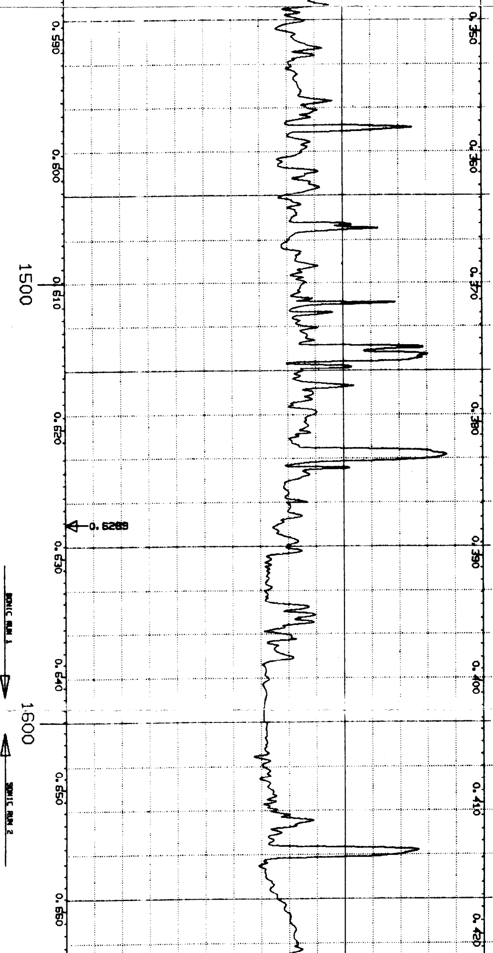
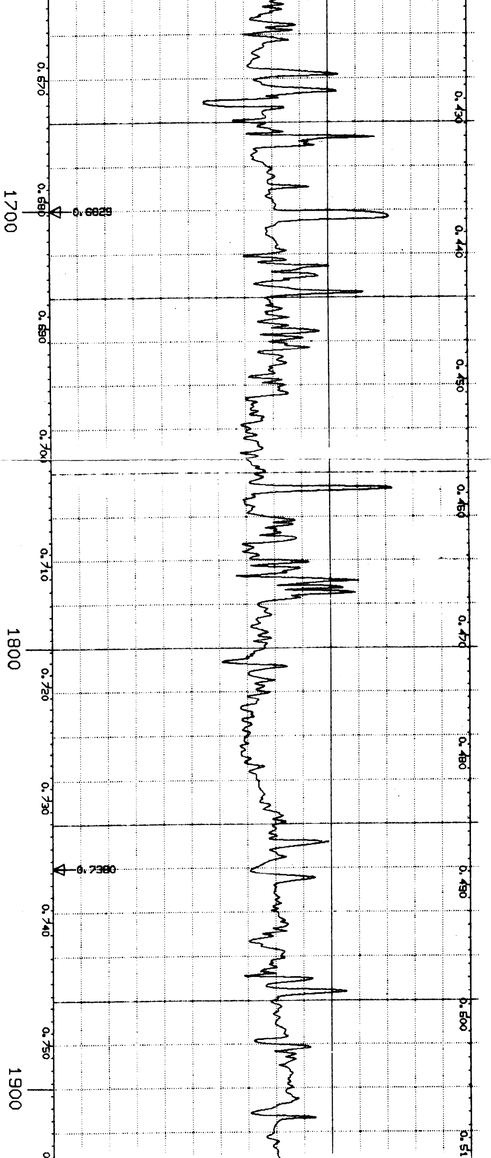
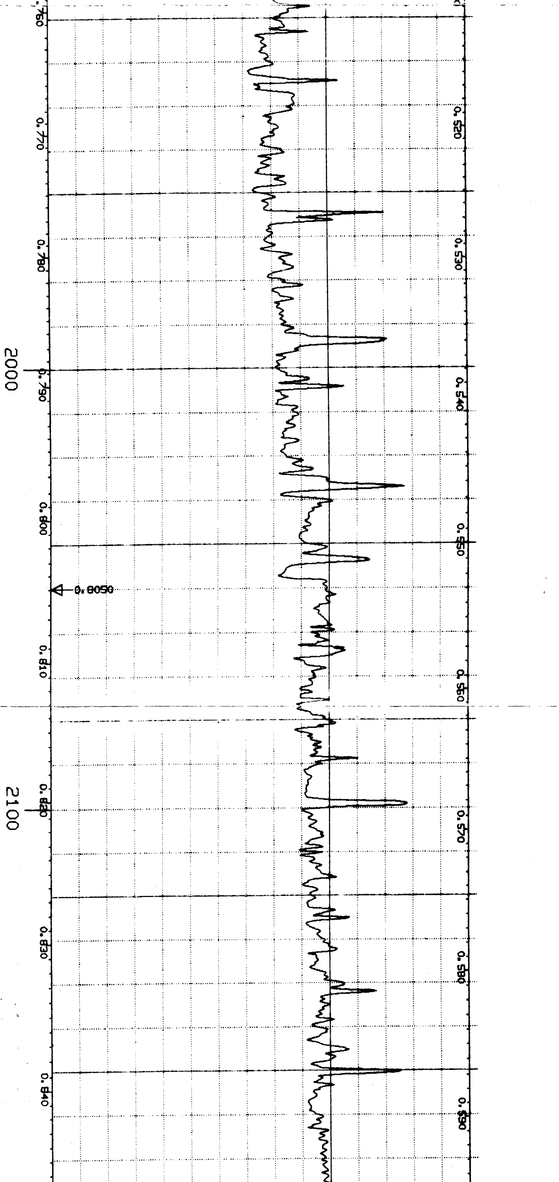
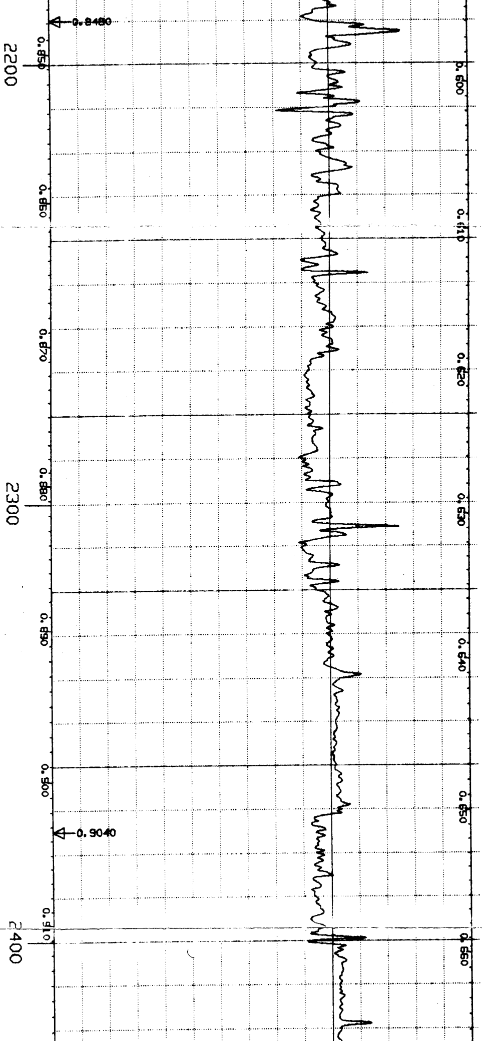
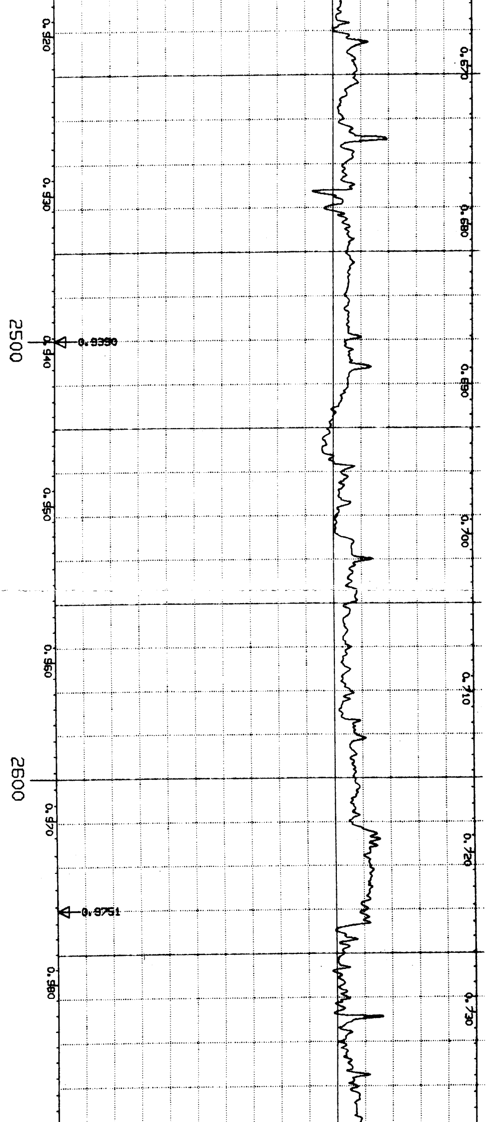
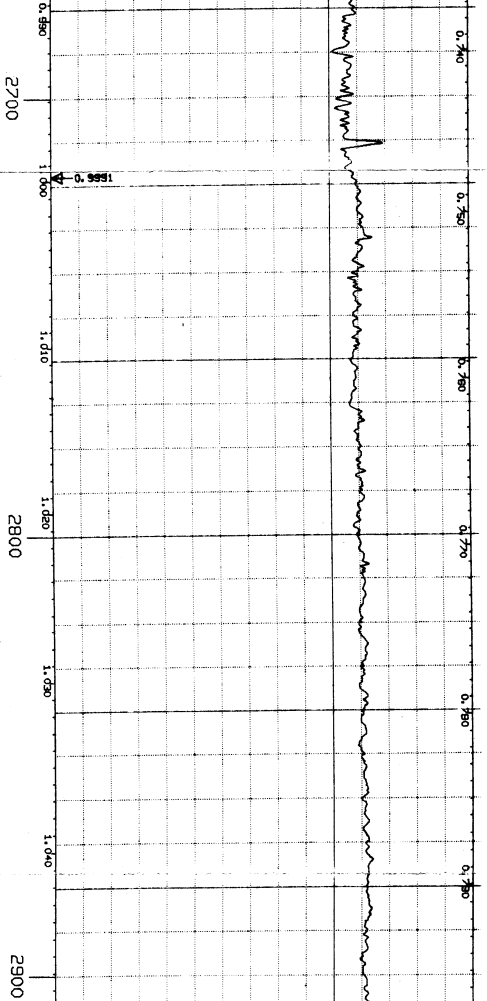
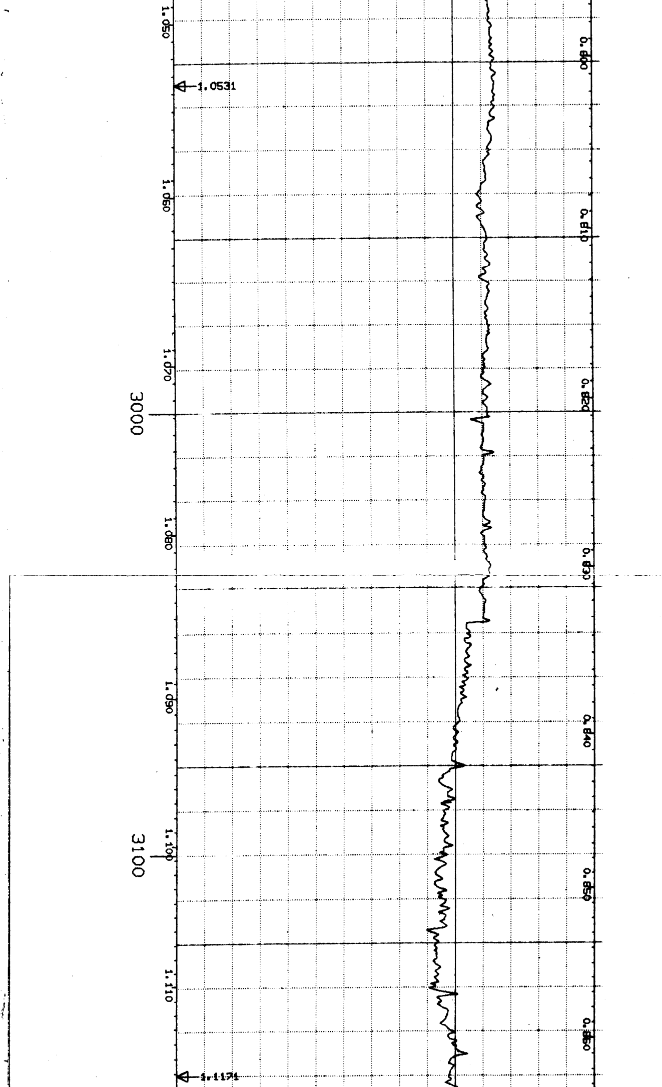
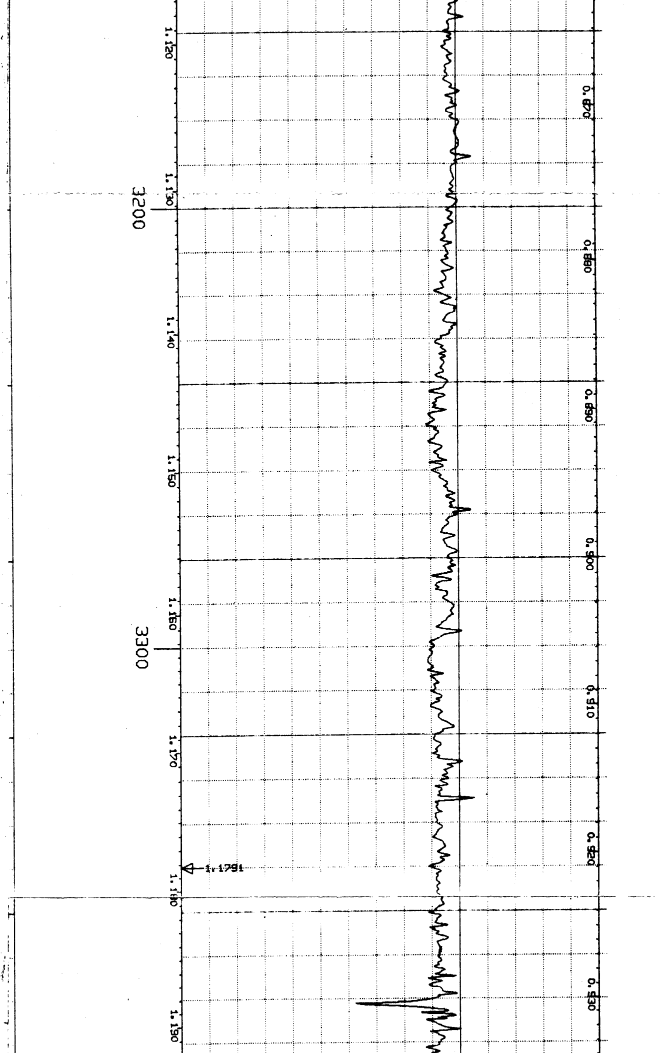
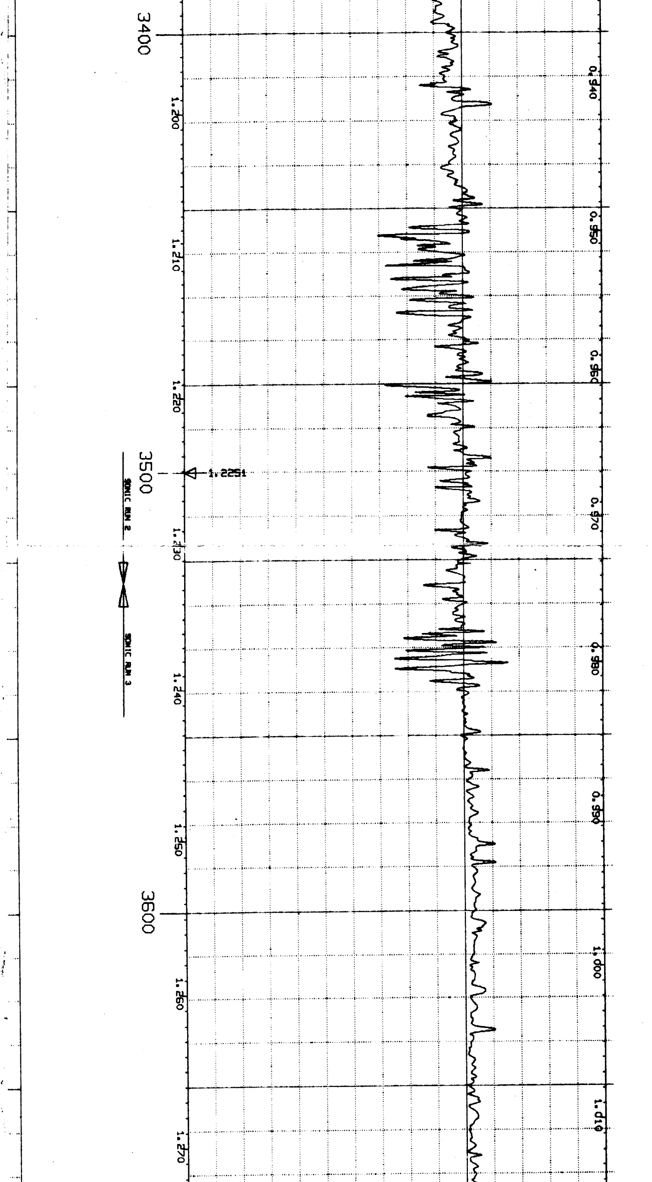
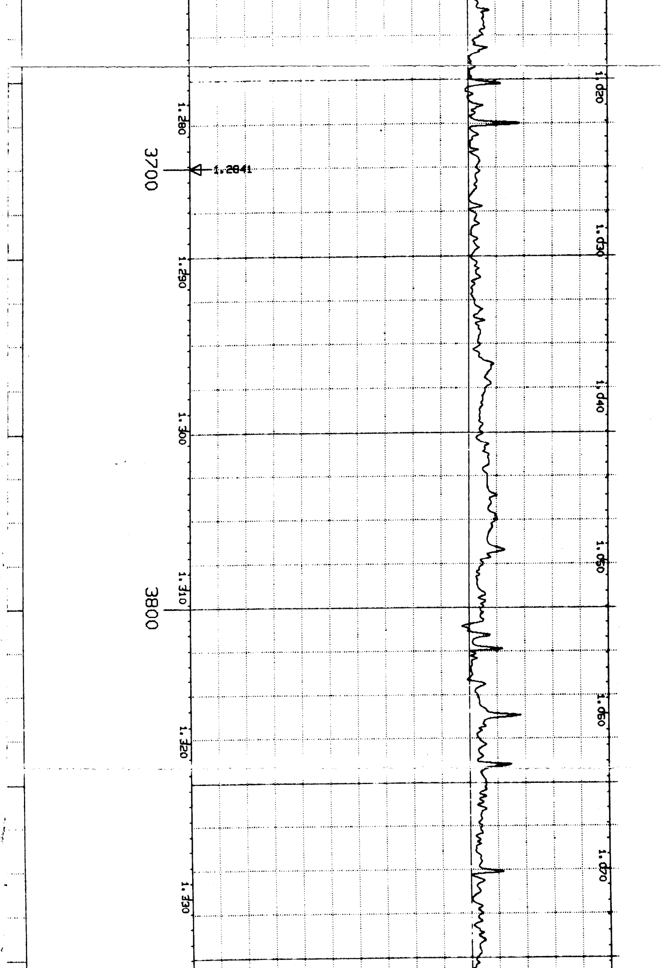
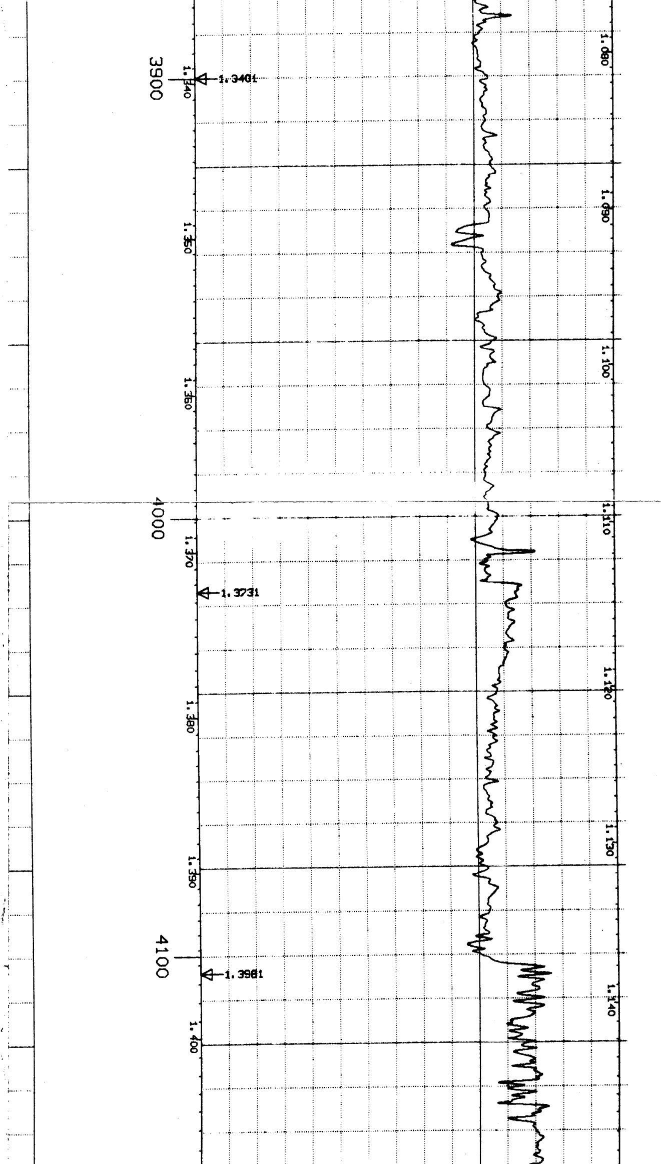
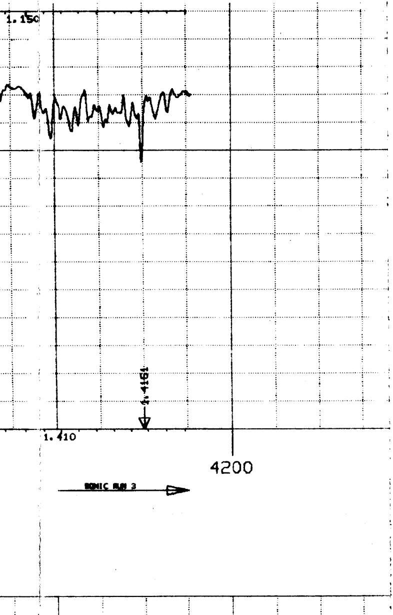
500, 900, 1010, 1205, 1400, 1555, 1700, 1850, 2050, 2190, 2375, 2500, 2630, 2718, 2925, 3150, 3350, 3500, 3700, 3900, 4017, 4104, 4180m Below K.B.

CORRECTIONS APPLIED

DEPTHS	INTERVAL TIME CORRECTION
500 - 897 m	Zero Shift.
897 - 1202 m	80.5% differential shift (90us/ft Base-line).
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
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
CHECK LEVELS
EDITED LOG
DEPTH IN Metres BELOW REFERENCE LEVEL of Kelly Bushing
CALIBRATED INTEGRATED T.T.T. IN SECONDS BELOW DATUM OF MSL
INTEGRATED T.T.T IN SECONDS FROM ORIGINAL FIELD LOG
FROM SCHLUMBERGER SONIC LOGS
400