LINE B71A-65 SCALE RATIO = 2·8 : 1 AT 1·5 SEC. HORIZONTAL SCALE : 1 TRACE = 50 METRES

A

NE

DCN BEFORE STACK
24 FOLD STACK/TVD
TVF 15 - 60Hz. 200ms.
10 - 40Hz. 1500ms.
8 - 32Hz. 3000ms.

ES 66-68R B71A-17 B71A-64 B71A-18

292 3298 3304 3310 3316 3322 3328 3334 3340 3346 3352 3358 3364 3370 3376 3382 3388 3394 3400 3406 3412 3417

WATER DEPTHS
VELOCITIES

0·0 0·2 0·4 0·6 0·8 1·0 1·2 1·4 1·6 1·8 2·0 2·2 2·4 2·6 2·8 3·0 3·2 3·4 3·6 3·8 4·0 4·2 4·4

Eastern View Coal Measures (Unconformity)

Paleocene L. balmei* (Unconformity)

intra-Upper Cretaceous* Unconformity

62300- 62200- 62100- (GAMMAS)

T-15/16-P

ESSO AUSTRALIA LIMITED

GEOPHYSICAL SERVICE INTERNATIONAL
DIGITAL PROCESSING CENTRE
SYDNEY, NSW, AUST.

AREA BASS BASIN LINE B71A-65
RECORDING PARAMETERS SP 3172 to 3417
Source Air Gun
Array size 1300 cu.in., 23 guns, tuned array
4 pops/SP. Shot off group 48 No. of groups 48
Cable length (centre of gp 1 to centre of gp 48) 7708 ft
Offset (array centre to centre of group 48) 7940 ft
Group interval 164 ft SP interval 656 ft
30 geophones/group Field polarity first break Negative
Recording system DFS-III Filter 8 to 62 Hz.
Recording length 5·0 sec Sample rate 4 ms
G.S.I. Field crew 909 Date Dec. 1971

VES 1 NMO 4 AR2 — TVD 3 TVS 3 DCN 2 DPS 5 TVD 6 DCN — DGF — TVF 7 700 Pkg ■

Sample period 4 ms
Processed 24 fold
Gate 0 to 4500 ms
2 pts., 4 ms No. of gates/trace 1
to 4650 ms Gate shift -80 ms/trace
4 pts., 4 ms No. of gates/trace 2
to 4500 ms Gate shift 0 ms/trace
to Hz.
C. Playback gain 7 db.
Negative ■
Hold tape 6255
Date March 1972

PROCESSING DATA
Groups processed 1-48
TAR 8-17 db. @ 3 db/sec. Gate
Vertical stack Odd/Even DCN 62 pts., 4
Decon before stack DCN 62 pts., 4 2200 to 4650
Design gate (trace II) 2200 to 4650
Decon after stack TVD 64 pts., 4 300 to 4500
Design gate (trace II) 300 to 4500
Digital filter 35 pts., 4 ms. to
Displayed digital AGC Playback
Polarity displayed Positive □ / Negative ■
TIAC REQUEST 1000 Hold
INPUT CREW PARTY 107-ESO-2 Date

DIGITAL BAND PASS FILTERING
Hz. 60 50 40 30 20 10 0
0·0 1·0 2·0 3·0 4·0 5·0 sec.
RECORD TIME

DIAGRAM
LINE 3417 W E 3172 S N 54°

5 cm

213150

Enclosure Line 10

T/15 P Part II
OR-198 Vol 2.

(10)