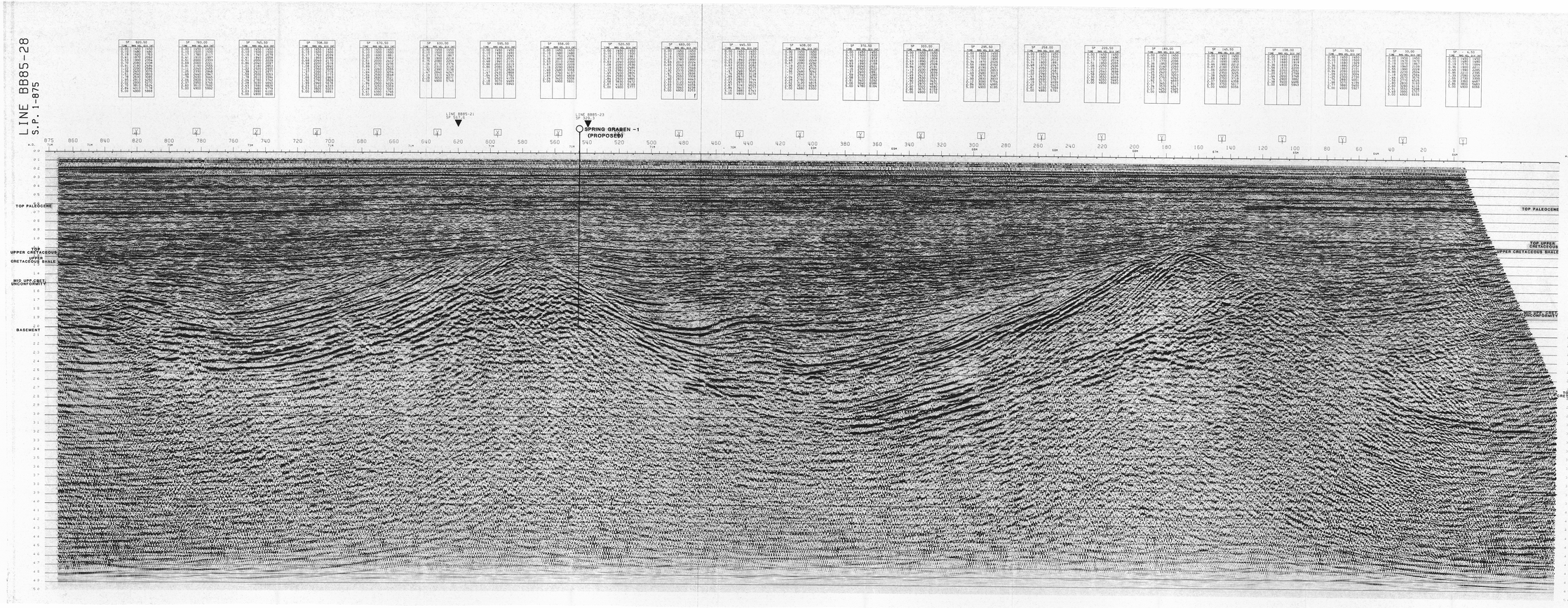


ENCLOSURE 1.1

MIGRATED SECTION

LINE : BB85-28

S.P. 1 TO 875

SOUTHWEST

DIRECTION SHOT= 241 DEGREES

240181

120TRACE 6000X OBS STK DAS MIG RMS BPF

BRIDGE OIL LIMITED

AREA : BASS BASIN
T-15-P / T-16-P

WESTERN GEOPHYSICAL
DIVISION OF LITTON INDUSTRIES
SINGAPORE DIGITAL CENTRE

RECORDED APRIL 1985
PROCESSED MAY 1985

RECORDING DATA

BOAT
WESTERN EXPLORER
WESTERN DELTA
MAP LOCATIONS — PARTI 86 / PRESTRIKE / ANTENNA POSITION

SOURCE
AIR GUN VOLUME — 1830 CUIN
AIR GUN PRESSURE — 2000 PSI
SHOT DEPTH — 20.5 M
SHOT INTERVAL — 20.5 M
SHOT DELAY — 0.0 MS
SHOT/CDP RATIO — 1 SHOT/CDP.
SHOT TYPE — 1X

INSTRUMENTS
TYPE — DAS-1 / DAS RFT
FILTERS — 3 POLE LOW CUT
FILTER SLOPES — 72 DB/OCT
RECORD LENGTH — 7 SECONDS
POLARITY — SEG NORM
COMPENSATION — NEGATIVE

CABLE
LENGTHEN — 3000 M
DEPTH — 15 M
GROUP INTERVAL — 25 M
CABLE DEPTH — 15 M, AVERAGE

ANALOG FORMED SPECIFICATIONS
TYPE — DAS
TRACE INTERVAL — 25 M
FILTERS — 18 HZ / 180 HZ
FILTER SLOPES — 18 HZ / 48 DB/OCT
SAMPLE RATE — 2 MS

SCALES
HORIZONTAL ..... 2.5 CM/KILOMETER
VERTICAL ..... 5.75 CM/SECOND

VELOCITY
KILOMETER

LEGEND
W.D. — WATER DEPTH
V — VELOCITY ANALYSIS

COMMENTS

DATUM PLANE = SEA LEVEL
CORRECTIONS APPLIED ON FINAL DISPLAY
NMO CORRECTION ..... 0 MS. NEAR
TIDAL CORRECTION ..... 0 MS.
FINAL CORRECTION ..... 0012 MS.

DISPLAY POLARITY:
NEGATIVE NUMBER ON TAPE
REPRESENTED BY A TROUGH

PROCESSING SEQUENCE

SAMPLING INTERVAL 4 MS.

FORMAT CONVERSION
DEMULTIPLEXING OF DAS ARRAY FORMATS
(SEGD, CDC, TERRASOLVE, SEL, PCI, PCI)
TO SEG-B FORMAT

SIGNATURE DECONVOLUTION
OPERATOR DESIGNED FROM AVERAGE
OF NEIGHBOR NEAR FIELD SIGNATURES.

DECONVOLUTION
SPIKE/PREDICTIVE
SINGLE CHANNEL
WINDOW 1 (NEAR OFFSET) 300-2000 MS.
WINDOW 2 (MID OFFSET) 1000-3000 MS.
WINDOW 3 (FAR OFFSET) 2000-5000 MS.
PREDICTION LENGTH 24 MS.
PREDICTION GAPS 12 MS.
OPERATOR LENGTH 240 MS.

COMMON DEPTH POINT SORT

VELOCITY ANALYSIS
2 CDP/ANALYSIS EVERY ONE KILOMETER

N.M.O. STACK
BOOKS N.M.O. CORRECTION

RESIDUAL VELOCITY WORK
S.L.P. (SURFACE SLOWNESS)
REFINE OF MEDIUMS

DECONVOLUTION
SPIKE/PREDICTIVE
SINGLE CHANNEL
MINIMUM PHASE INVERSE FILTER
PREDICTION LENGTH 100 MS.
PREDICTIONDISTANCE 12 MS.
OPERATOR LENGTH 250 MS.

MIGRATION
FINITE DIFFERENCE

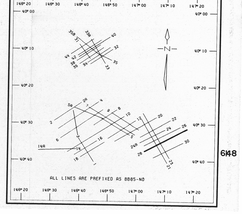
RMS GAIN
WINDOW LENGTH: 96 MS.- 1024 MS.

BANDPASS FILTER 10-90 HZ.

PLAYBACK
VERTICAL
HORIZONTAL
SCALE
VERTICAL
SAMPLE RATE
SAMPLE RATE

1:15,748
2.5 CM/TRACE
5.75 CM/SECOND
4 MS.
4 MS.

LINE LOCATION MAP



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