OR-284

ENCLOSURE No. 5

MIGRATED SECTION

LINE : BB85-40

S.P. 1 TO 695

NORTHEAST

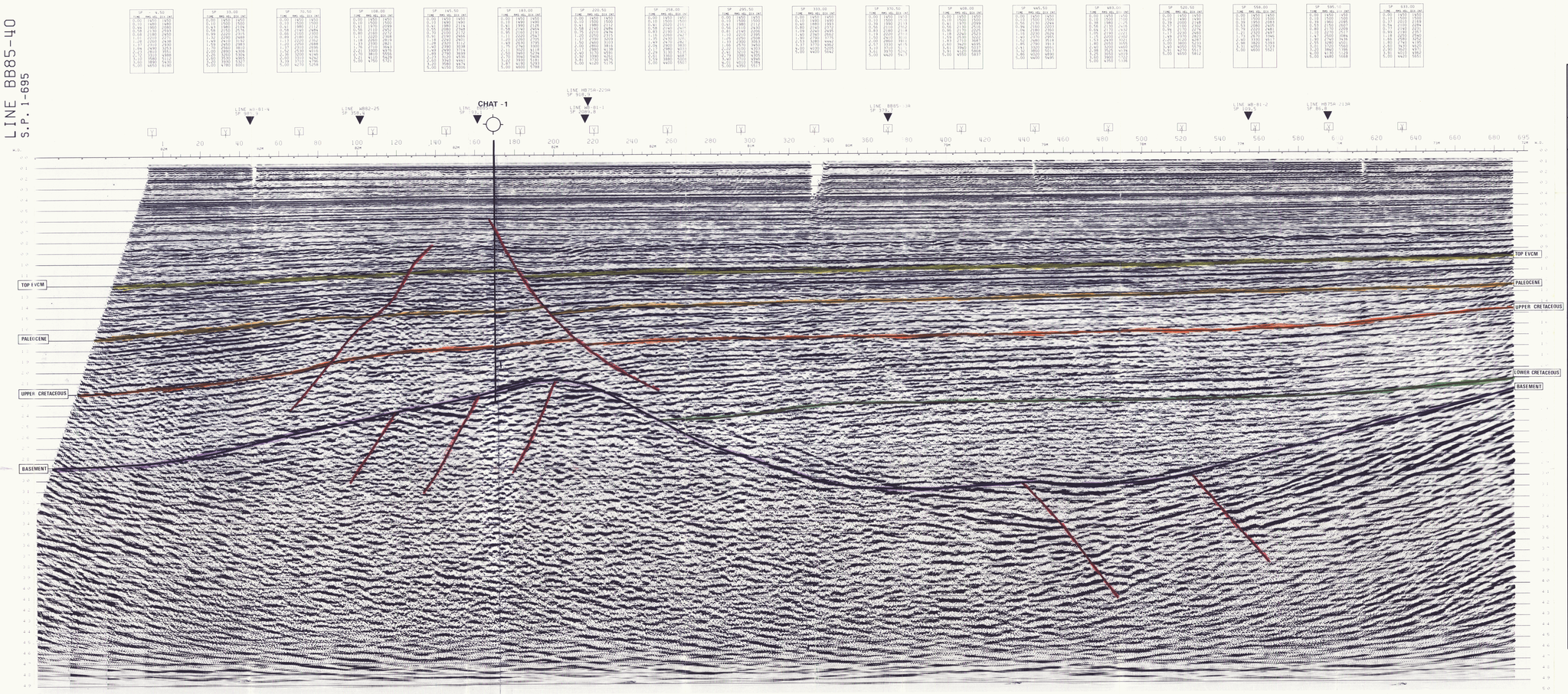
DIRECTION SHOT= 057 DEGREES

5cm

274231

120TRACE 6000X DBS STK DAS MIG RMS BPF

LINE BB85-40
S.P. 1-695



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 DEVIDET
NAVIGATION BY
MAP LOCATIONS

PARTY 86
MAXIMA
ANTENNA POSITION

SOURCE
AIR GUN VOLUME 1830 CU.IN.
AIR GUN PRESSURE 6000 PSI.
S.P. INTERVAL 25.0 M.
F.G.P. INTERVAL 25.0 M.
NO. OF GUNS 3 TOPSHAK.
NO. OF SIMS. 1

INSTRUMENTS
SYSTEM LRS 3
FILTERS 3 TO 80-250 HZ
FILTER SLOPES 12 AT 72 DB/OCT
SAMPLE RATE 2 SECONDS
SAMPLE RATE 4 MS.
POLARITY COMPRESSION NEGATIVE

CABLE
STREAMER 3000 M.
GROUPS 240
GROUP INTERVAL 12.50 M.
DEPTH 12 M.
CABLE DEPTH 12 M. AVERAGE

ARRAY FORMED SPECIFICATIONS
TRACES 120
TRACE INTERVAL 12.50 M.
FILTERS 12 AT 180 HZ.
FILTER SLOPES 24 AT 180 DB/OCT
SAMPLE RATE 4 MS.

218.75M
3175.75M
AIR GUN
SHOT

SCALES
HORIZONTAL.. 2.50 IN/KILOMETER
VERTICAL.... 9.75 IN/SECOND

KILOMETER

LEGEND
INTERSECTIONS
W.D. WATER DEPTH
V VELOCITY ANALYSIS

COMMENTS

DATUM PLANE : SEA LEVEL
CORRECTION APPLIED ON FINAL DISPLAY
TIME CORRECTION..... - 0000 MS.
VAR. CORRECTION..... - 0000 MS.
TOTAL CORRECTION..... - 0012 MS.

DISPLAY POLARITY:
NEGATIVE NUMBER ON TAPE
REPRESENTED BY 'A' TRACE

PROCESSING SEQUENCE

SAMPLING INTERVAL 4 MS.

FORMAT CONVERSION
INPUT: 120 CHANNELS SEG B 6MBPI DEMUX
OUTPUT: MIG DISK & FORMAT IFP. #113

SIGNATURE DECONVOLUTION
OPERATOR DESIGNED FROM AVERAGE
OF RECORDED NEAR-YIELD SIGNATURES.

DECONVOLUTION
TYPE-LEAST SQUARES
MINIMUM PHASE INVERSE FILTER
WINDOW A: LNR OFFSET: 300-3000 MS.
WINDOW B: STEP TIME VEL. 3500 MS.
WINDOW C: STEP TIME VEL. 3500-5000 MS.
WINDOW #2 STEP TIME VEL. 5000 MS.
WINDOW #3 STEP TIME VEL. 5500 MS.
MAXIMUM PREDICTION LAG 192 MS.
OPERATOR LENGTH 252 MS.

COMMON DEPTH POINT SORT

VELOCITY ANALYSIS
2 CDPS/ANALYSIS EVERY 2KM X1.5KMETER

N.M.O. STACK
6000% N.M.O. CORRECTION

RESIDUAL VELOCITY WORK
RESIDUAL VELOCITIES
SETBACK IF NECESSARY

DECONVOLUTION
TYPE-LEAST SQUARES
MINIMUM PHASE INVERSE FILTER
ONE WINDOW 4950 MS.
AUTOCORRELATION LENGTH 240 MS.
MAXIMUM PREDICTION LAG 192 MS.
OPERATOR LENGTH 252 MS.

BANDPASS FILTER 10-90 HZ.

MIGRATION
FD-MIGRATION

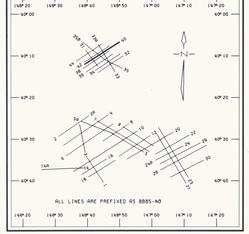
RMS GAIN
WINDOW LENGTH 64 MS.- 1024 MS.

FINAL FILTER

	F1	F2
SLOPE (DB/OCTAVE)	72	72
TIME OF APPLICATION 0000-5000 MS.	10	90

PLOTBACK
SCALES
HORIZONTAL 1:12,768
VERTICAL 1:6,384
VERTICAL 12.50 IN/SECOND
SAMPLE RATE 4 MS.

LINE LOCATION MAP



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