NORTHEAST

ALL DATA AND INFORMATION SHOWN ON THIS CROSS SECTION ARE PROPRIETARY TO GEOPHYSICAL SERVICE INC. AND ITS AFFILIATES ("GSI") AND ARE FURNISHED BY GSI TO COMPANY ("COMPANY") FOR USE BY COMPANY UNDER RESTRICTIONS OF DISCLOSURE AND COMPANY PROGRAM PROTOCOL CONTAINED IN THE AGREEMENT BETWEEN GSI AND COMPANY DATED ----

LINE 8

SHOTPOINTS 1968 - 2967

BERMUDA TRIANGLE

OFFSHORE
EAST COAST USA

TRUE AMPLITUDE SECTION

FIELD DATA

FIELD PARTY	437
VESSEL	MAY JOHNSON
DATE SHOT	APRIL 1974
ENERGY SOURCE	AIR GUNS
AIRGUN CAPACITY	1310 CU IN.
RECORDING INSTRUMENTS	DFS4 (72 TRACK)
GAIN CONTROL	F P 4
RECORDING FILTERS LOW	8-9 HZ 18 DB/OCT
HIGH	60 HZ 72 DB/OCT
SAMPLE RATE	4 MSEC
RECORD LENGTH	7 SECONDS
STREAMER DEPTH	50 - 55 FEET
STREAMER LENGTH	3600 M (A.C.) 48 TRACE
GROUP CENTER INTERVAL	50 METERS (PARS 1-24)
	100 METERS (PARS 1-25-48)
INLINE SHOT INTERVAL	100 METERS
CROSSLINE INTERVAL	600 METERS
MULTIPLICITY	24 FOLD (TRACES 25-48)
	12 FOLD (TRACES 1-24)

DIGITAL PROCESSING

DATUM - SEA LEVEL

TRUE AMPLITUDE RECOVERY

ALPHA : 0.5 DB/SEC
T1 : WATER BOTTOM
T2 : 5.5 SEC BELOW WATER BOTTOM

TIME VARIANT DECONVOLUTION

WATER BOTTOM	FILTERS	LENGTH (MSEC)
0 - 165 FT	2	160
131 - 365 FT	3	256
365 FT	5	188

TIME VARIANT SCALING

GATE LENGTH : 500 MSEC
UNITY SCALARS
START TIMES WATER DEPTH DEPENDENT

VELOCITY ANALYSIS

MINI-CDP PACKAGE VELOCITY ANALYSIS
SCATTERGRAMS AT 2 MILE INTERVALS

NORMAL MOVEOUT CORRECTION

VELOCITY ANNOTATION ON SECTION HEADING

FIRST BREAK SUPPRESSION

SEE TAPER ON RECORD

CDP STACK

48 FOLD (WITH ADJACENT TRACE MIX OF FAR TRACES (TRACES 1-24 : 12 FOLD, 25-48 : 24 FOLD)

TIME VARIANT DECONVOLUTION

NOT APPLIED

TIME VARIANT FILTERING

TIME (MSEC.)	FILTER (HZ.)
WB + 1000	8-60

TIME VARIANT SCALING

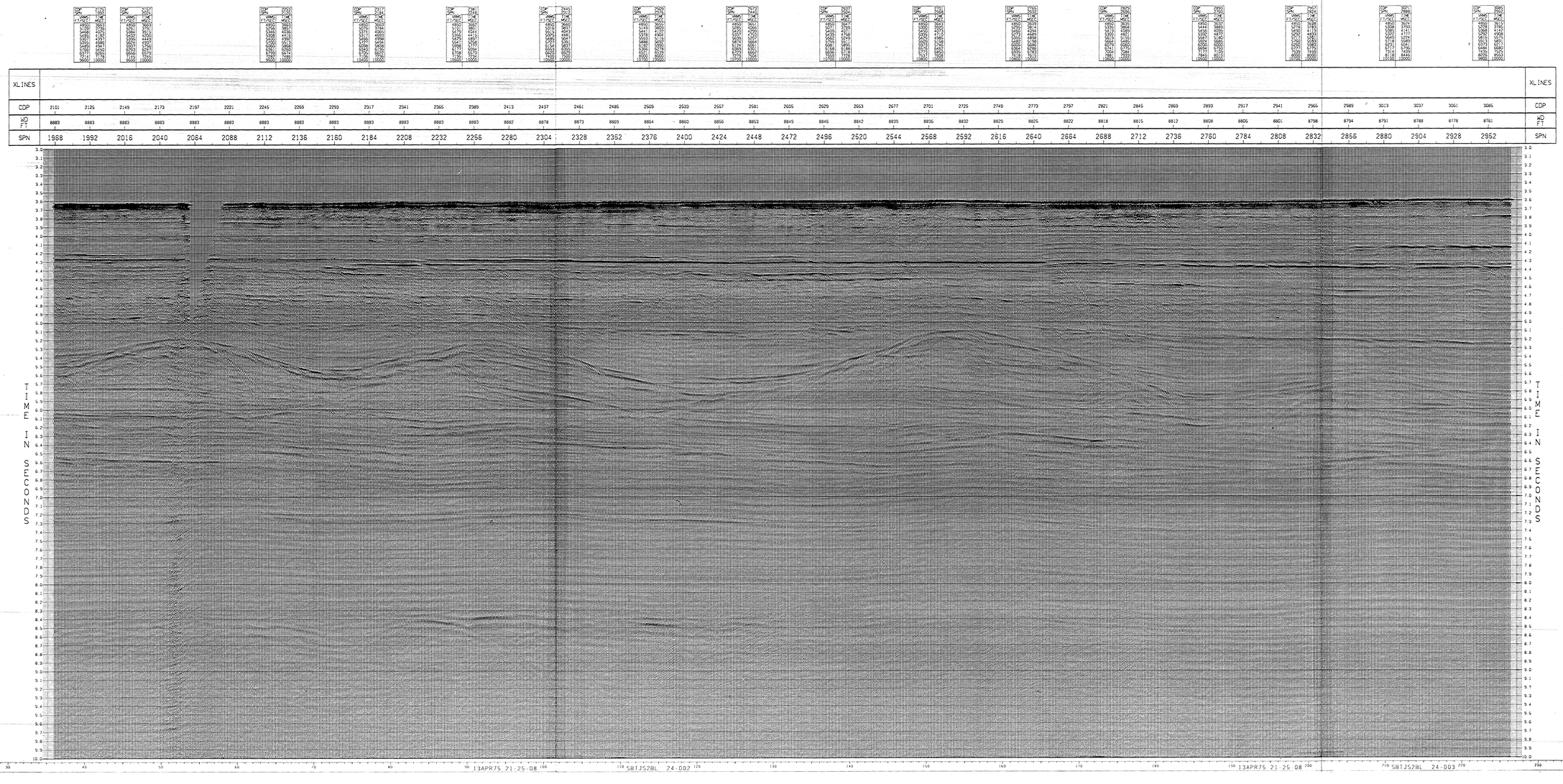
NOT APPLIED

DISPLAY

MIDDLE TRACE VARIABLE AREA
24 TRACES/IN.
2.5 INCHES/SEC

DISPLAY GAIN	
INPUT	
CDP	4:1
GAIN	NONE
0 - 2000	1000
MS 0	1000

GEOPHYSICAL SERVICE INCORPORATED
(A SUBSIDIARY OF TEXAS INSTRUMENTS INC.)

LB
13 APR 1975
21:23:44

PROCESSING CHECKED BY : D. MACKIE