SOUTHEAST

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) FOR USE BY COMPANY UNDER RESTRICTIONS OF DISCLOSURE AND REPRODUCTION CONTAINED IN THE AGREEMENT BETWEEN GSI AND COMPANY DATED 7-75.

LINE 4

SHOTPOINTS 118 - 1079

BERMUDA TRIANGLE

OFFSHORE

EAST COAST USA

TRUE AMPLITUDE SECTION

FIELD DATA

FIELD PARTY	437
VESSEL	M/V JONSSON
DATE SHOT	APRIL 1974
ENERGY SOURCE	AIR GUNS
AIRGUN CAPACITY	1310 CU. IN.
SOURCE DEPTH	20 ± 3 FEET
RECORDING INSTRUMENTS	DFS V (21 TRACK)
DATA CONTROL	GSI
RECORDING FILTERS LOW	8 HZ 18 DB/OCT
HIGH	62 HZ 72 DB/OCT
SAMPLE RATE	4 MSEC
RECORD LENGTH	6 SECONDS
STREAMER DEPTH	50 ± 35 FEET
STREAMER LENGTH	3600 M. (A.C.) 48 TRACE
GROUP CENTER INTERVAL	50 METERS, FARS (1-24)
	100 METERS, NEARS (25-48)
IN-LINE SHOT OFFSET	1906 METERS
SHOTPOINT INTERVAL	50 METERS
MULTIPLICITY	24 FOLD (TRACES 25-48)
	12 FOLD (TRACES 1-24)

DIGITAL PROCESSING

DATUM - SEA LEVEL

TRUE AMPLITUDE RECOVERY

ALPHA : 5.6 DB/SEC

T1 : WATER BOTTOM

T2 : 5.6 SEC BELOW WATER BOTTOM

TIME VARIANT DECONVOLUTION

WATER BOTTOM	FILTERS	LENGTH (MSEC)
0 - 1312 FT	1	180
1312 - 1968 FT	2	260
1968 FT +	3	188

TIME VARIANT SCALING

GATE LENGTH = 500 MSEC

UNITY SCALARS

START TIMES WATER DEPTH DEPENDENT

VELOCITY ANALYSIS

MINI-700 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

WIGGLE TRACE VARIABLE AREA

24 TRACES/IN.

2.5 INCHES/SEC.

DISPLAY GAIN

INPUT	
CDP	ALL
GAIN	TIME
DB/S	MSEC
6	1000

GEOPHYSICAL SERVICE INCORPORATED

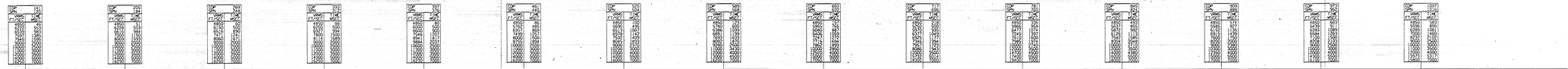
(A SUBSIDIARY OF TEXAS INSTRUMENTS INC.)

L4

16 MAY 1975

21:31:51

PROCESSING CHECKED BY : D. MACKIE



| XLINES | | |