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 _____.

LINE 4

SHOTPTPOINTS 1080 - 2079

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
FIRING CAPACITY	2210 CU. IN.
SOURCE DEPTH	20 FT. 30 FEET
RECORDING INSTRUMENTS	DFS-V (24 TRACK)
GAIN CONTROL	6 DB
RECORDING FILTERS LOW	8 HZ 18 DB/OCT
HIGH	64 HZ 72 DB/OCT
SAMPLE RATE	4 MSEC.
RECORD LENGTH	7 SECONDS
STREAMER DEPTH	50 +-25 FEET
STREAMER LENGTH	3000 METERS (FAR) 48 TRACE
GROUP SCHEME INTERVAL	82 METERS FARS (1-24) 164 METERS NEARS (25-48)
IN-LINE SHOT OFFSET	1968 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 = 5.0 DB/SEC

T1 = WATER BOTTOM

T2 = 5.5 SEC BELOW WATER BOTTOM

TIME VARIANT DECONVOLUTION

WATER BOTTOM	FILTERS	LENGTH (MSEC.)
1ST 1500 FT	2	180
1500 FT	3	280
7000 FT	3	180

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

MIDDLE TRACE VARIABLE AREA

24 TRACES/IN.

2.5 INCHES/SEC.

DISPLAY GAIN (INPUT)

CDP	ALL
GAIN	MPX
-80 -0	1000

GEOPHYSICAL SERVICE INCORPORATED

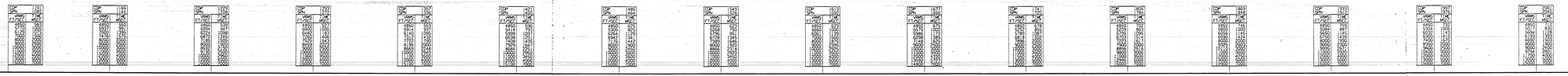
(A SUBSIDIARY OF TEXAS INSTRUMENTS INC.)

L4

16 MAY 1975

02:24:44

PROCESSING CHECKED BY : D. MACKIE



| XLINES | | |