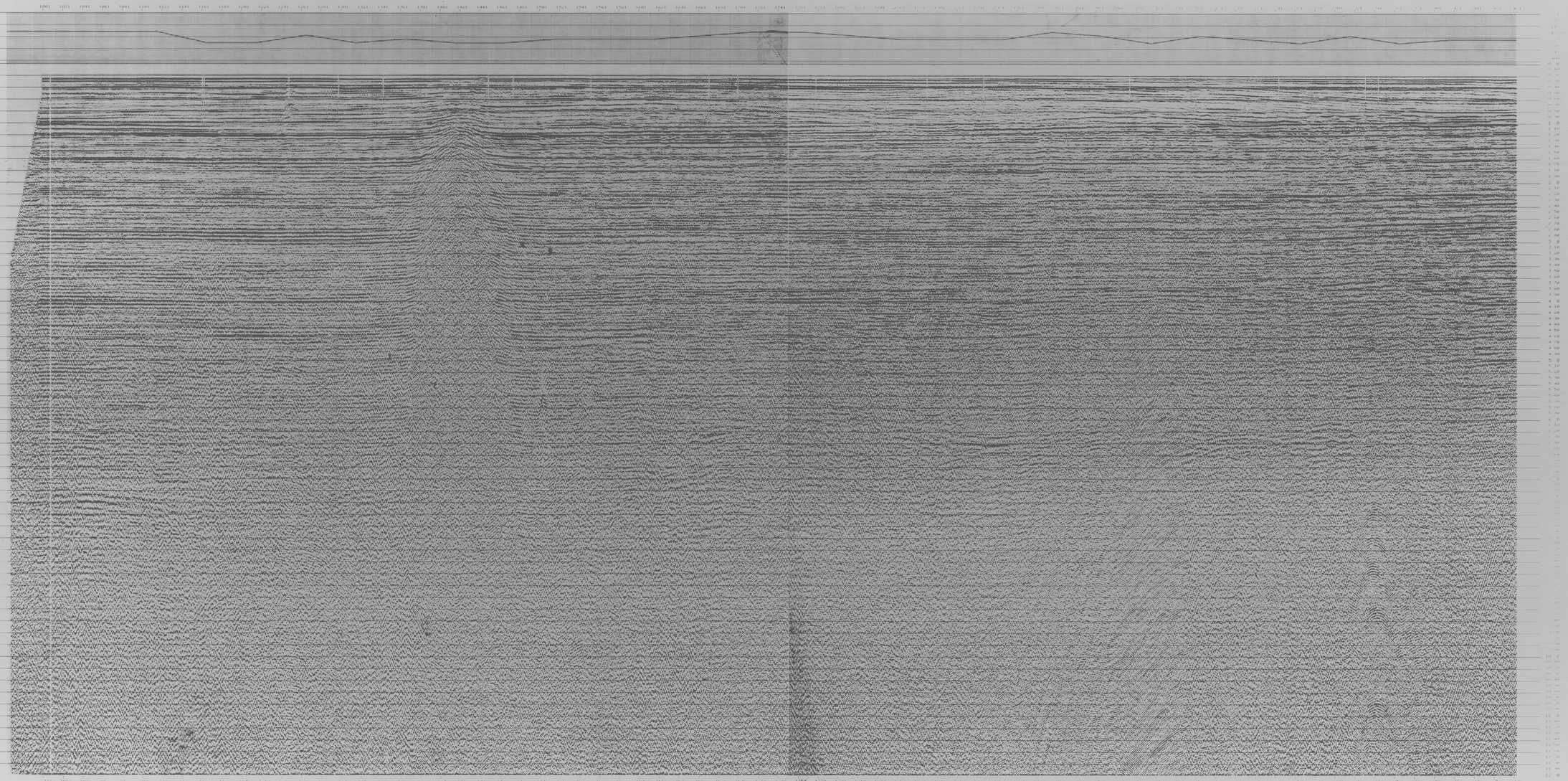

LINE 14-B
AREA ATLANTIC OFFSHORE
FOR MAR GEO WOODS HOLE
BY U.S. GEOLOGICAL SURVEY
DR. OIL • GAS - DENVER

JOB NUMBER 1-0005
DATE 12/1/77

PROC. ON THE PHOENIX I

PROCESSING SEQUENCE

1 DEMULTIPLEX-EDIT-SUM
___ VIBROSEIS CORRELATION
2 VELOCITY ANALYSIS
3 NORMAL MOVEOUT
___ DATUM STATICS
___ AUTOMATIC STATICS
7 STACK 96L FOLD
___ DECONVOLUTION
8 FILTER
___ TRACE EQUALIZATION

5 ADDITIONAL PROCESSING
6 DECONVOLUTION
6 CONSTANT SCALE
8 DECONVOLUTION
9 TV FILTER
10 MGC-1 SECOND WINDOW

PROCESSING PARAMETERS

CORRECTIONS
DATUM SEA LEVEL
VE 5M
AUTOMATIC STATICS WINDOW ___ TO ___ SEC
ADDITIONAL

	LENGTH (MS)	WINDOW (SEC)	PREDICTION (MS)
DECONVOLUTION BEFORE STACK	256 256	3.6.0 8.0 to 6.0	56 56
DECONVOLUTION AFTER STACK	256 256	3.6.0 8.0 to 6.0	56 56

	BAND PASS	APPL. (SEC)	OVERLAP (SEC)
BAND PASS FILTERS	15-30HZ 10-25HZ 5-12HZ	0.2.0 2.0-3.5 3.5-6.0	.5 .25 .125

SAMPLE RATE 4 MS MS
ONE INCH 24 TRACES
ONE SECOND 4.5 INCHES
PLAYBACK GAIN 3 DB OR MEAN VALUE

RECORDING PARAMETERS

RECORDED BY TELEDYNE EXPLORATION
CONTRACT PART 1 NO. DATE RECORDED 9-77
SP-VP INTERVAL 100M INSTRUMENT TYPE DFS-V
GEOPHONE INTERVAL 50/100M AMPLIFIERS B.O.
NEAR OFFSET 200M RECORDING FILTER 8-124
FAR OFFSET 2800M SAMPLE RATE VTO
NUMBER TRACES 48 RECORD LENGTH 12 SEC
CONFIGURATION SWEEP LENGTH
PROGRESSION 48-1 SWEEP FREQUENCY
GEOPHONES/TRACE NUMBER SWEEPS

OFFERED BY MAR GEO WOODS HOLE