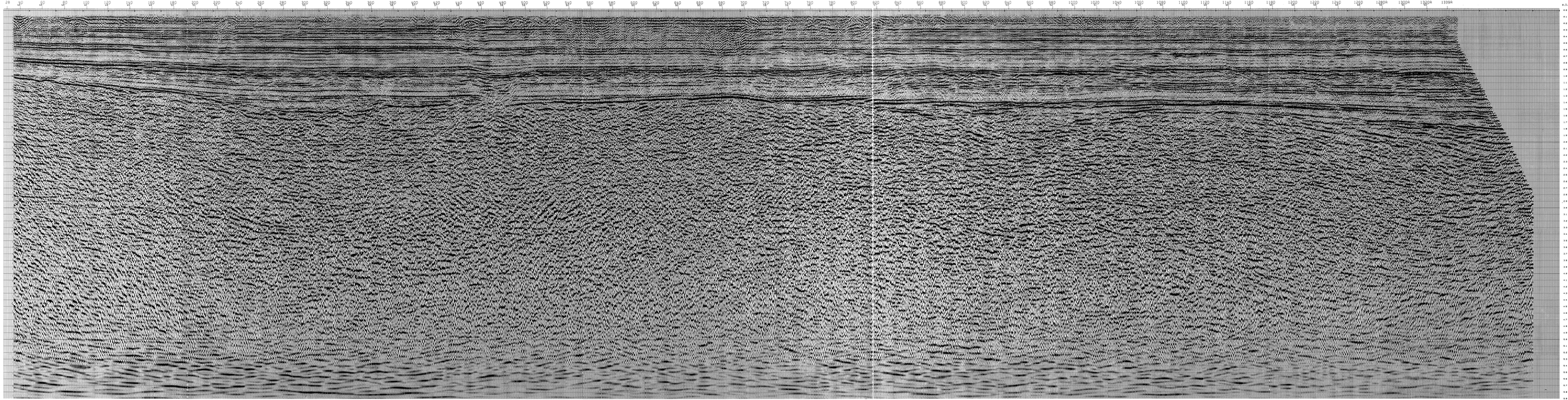
LINE:WNS-31
S.P.: 28-1359A
IX7200X,MIGRATION TVF



WESTERN GEOPHYSICAL COMPANY

OFFSHORE ALASKA

NORTON BASIN

PART 3 OF WESTERN GEOPHYSICAL CO., PARTY 30 - JUNE 1980
PART 1 OF WESTERN GEOPHYSICAL CO., PARTS 28 AND 29 SEPTEMBER 1980
2022 FEMALE HILL BOLAND
ALASKA PROJECT NO. 0-0-0-0
PLATFORM PROJ. NAME: 0-0-0-0

RECORDING DATA

SOURCE	
ENERGY SOURCE	AIR
NUMBER OF GUNS	10 CLUSTERS
GUN DEPTH	20.0 FEET
SHOT HORIZ. INTERVAL	50.0 FEET
SHOT PULSE INTERVAL	50 FEET
DISTANCE OF SOURCE TO WATCHER	174 FEET
INSTRUMENT	
SYSTEM	WG-1
AMPLIFIER	DIGIFIRM 1201B
FILTERS	18 HZ, 72 HZ, 72DB
SAMPLING INTERVAL	2 MS
RECORD LENGTH	8 SEC.
CABLE	
TYPE CABLE	DYNAMARINE
CABLE LENGTH	2100 FEET
NUMBER OF GROUPS	48 GROUPS
GROUP INTERVAL	50 FEET
GROUP SPACING	50-100 FT
NUMBER OF HYDROPHONES PER GROUP	12
NUMBER OF GROUPS RECORDED	48

PROCESSING SEQUENCE AND PARAMETERS

1. DATA INPUT
   PRESAMPLING SAMPLING INTERVAL 4 MS
2. DESIGNATURE
3. DECONVOLVED BEFORE STACK
   FIXED PHASE MINIMUM PHASE FILTER
   FORM LENGTH 0 TRACE ZERO
   LAGTIME OPERATOR 200 MS
   DATA WINDOW FOR DESIGN 4 MS
4. AND STACK CODE 0
5. MIGRATION
6. DECONVOLUTION
   FINITE DIFFERENCE METHOD
7. TIME VARIANT FILTER

0.0 SEC	18	0 HZ
1.0 SEC	18	18
2.0 SEC	18	36
3.0 SEC	18	54
4.0 SEC	18	72
5.0 SEC	18	72
6.0 SEC	18	72
7.0 SEC	18	72

8. SUPERVISOR LOCATION BY ARCHIVE
   CORRECTION TO SEA LEVEL DATUM 0 MS.

LEGEND
SHOTPOINTS
WATER DEPTH

HORIZONTAL SCALE
44 INCHES EQUALS ONE MILE

POLARITY CONVENTION
PRESSURE : COMPRESSION FALSE POSITIVE NUMBER
PRESSURE : COMPRESSION FALSE POSITIVE NUMBER
STRIPS : COMPRESSION FALSE PEAK (INCREASING BLACK)