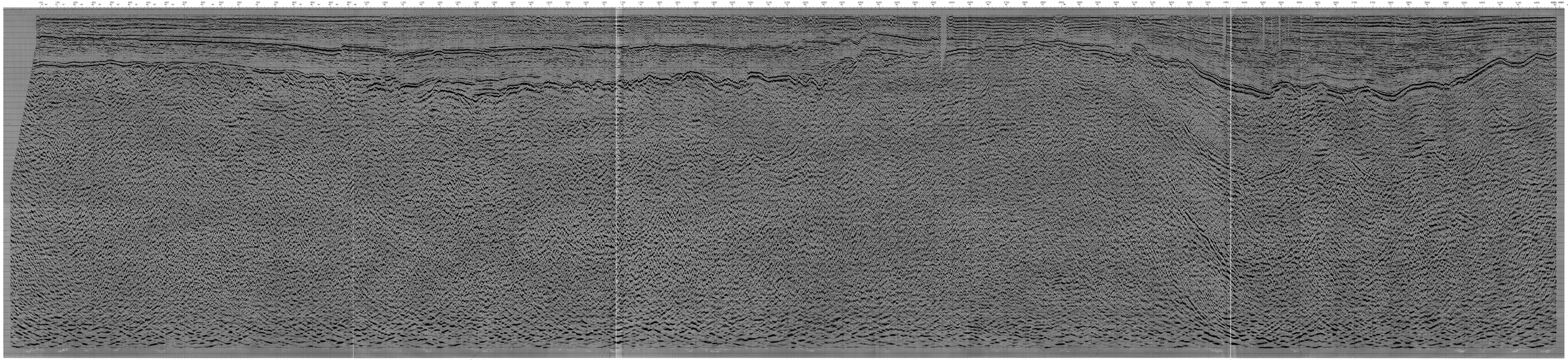

S.P. 102 WHB-34
~5200
X 3200% MIG.TVF
MIGRATION BY THE FINITE
DIFFERENCE METHOD

NORTHEAST

WESTERN GEOPHYSICAL CO.
OFFSHORE DIVISION
AREA 1 HOPE BRANCH

SHOT BY WESTERN GEOPHYSICAL CO. SHOT ON JULY 1981
PROCESSED BY WESTERN GEOPHYSICAL PROC. CO. GROUP 20 SEP 1981
PLAYBACK REC. NO. 10468 2ND PRINT 4X1.25

RECORDING DATA

	SOURCE
ENERGY SOURCE	AIR GUNS
NUMBER OF GUNS	ONE 20 IN
GUN DEPTH	15 FEET
GUN SEPARATION	49 FEET
SHOOTING INTERVAL	82.5 FEET
DISTANCE OF SOURCE TO ANTENNA	49 FEET
NORMAL GUN ARRAY SIZE	1800 CU. IN. 5000 PSI.
	INSTRUMENTS
SYSTEM	G.S.I.
MAX CH/SH	1 X 24
GAIN	0, 6, 12 DB
SWEEP/AUX CONTROL	6-12 HZ
FILTERS	6-12 HZ
	CABLE
TYPE CABLE	SOLID STREAMER
CABLE LENGTH	4800 FEET
CABLE DEPTH	49 FEET
FISH	NONE
NUMBER OF GROUPS RECORDED	24
GROUP INTERVAL (CHANNEL 1 - 24)	82 FEET
GROUP INTERVALS (CHANNEL 1 - 24)	82 FEET

PROCESSING SEQUENCE AND PARAMETERS

1. DEMULTIPLEX
   PROCESSING SAMPLING INTERVAL 4 MSEC
2. EDIT
3. RECONSTRUCTED BEFORE STACK
   APPLY NMO VELOCITY FILTER VARIABLE VELOCITY
   STRETCH LIMIT 15 PCT
   MUTE 1ST BREAK
   GROUP WEIGHTING 1 2 3 4 3 2 1
   PREDICTION DISTANCE 0 MS
4. TIME VARIANT SCALE
5. ELEVATION
6. VELOCITY
7. TIME VARIANT FILTER

TIME (MS)	LOW CUT (HZ)	HIGH CUT (HZ)
0 TO 2000	6	12
2000 TO 3000	5	10
3000 TO 4000	4	8
4000 TO 5000	3	6
5000 TO 6000	2	4

PLOT

SHOT LOCATION
CDP LOCATION
CDP 1 TO 600

LEGEND

INTERPRETATION
WATER BOTTOM

HORIZONTAL SCALE
IN TWO INCH/MILE = 4 MILE

POLARITY CONVENTION:
RECORDING: COMPRESSION PULSE NEGATIVE NUMBER
DISPLAY: COMPRESSION PULSE TROUGH REFLECTION BLACK
STRETCH: COMPRESSION PULSE TROUGH REFLECTION BLACK

NOTE:
ALL DEPTHS SHOWN BELOW MY WATERS
PLAYBACK CORRECTION TO SEA LEVEL DATUM 1410 MS