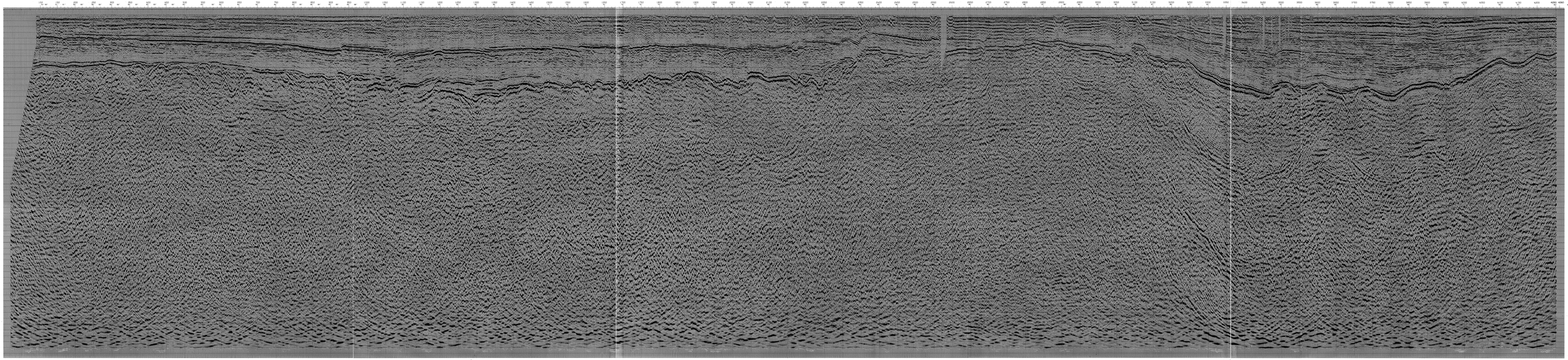

WHB-34
S.P. 102 -5200
X 3200% MIG.TVF
MIGRATION BY THE FINITE DIFFERENCE METHOD

NORTHEAST

WESTERN GEOPHYSICAL CO.
OFFSHORE DIVISION
AREA = HOPE BASIN

SHOT BY WESTERN GEOPHYSICAL CO. — SHOT ON JULY 1981
PROCESSED BY WESTERN GEOPHYSICAL PROC. CO. — DECK ON JAN 1982
PLAYBACK NO. WE - 104AB — LOGS PRINTED JAN 1982

RECORDING DATA

	SOURCE
ENERGY SOURCE	AIR GUNS
NUMBER OF GUNS	ONE 20 IN
GUN DEPTH	20 FEET
GUN SEPARATION	N/A
SOURCE CONTROL	AUTOMATIC
DISTANCE OF SHOTS IF NOTSHOT-NORMAL GUN ARRAY SIZE	82.5 FEET 1800 CU. IN. 1500 PSI.
	INSTRUMENTS
SYSTEM	G.S.I.
MAKE OF UNIT	G.S.I.
MODEL	G.S.I. 48
SAMPLING INTERVAL	4 MSEC
FILTERS	N/A
	CABLE
TYPE CABLE	SOLID STREAMER
CABLE LENGTH	3000 FEET
CABLE DEPTH	20 FEET
FISH	NONE
NUMBER OF GROUPS RECORDED	48
GROUP INTERVAL (CHANNEL 1 - 24)	82.5 FEET
GROUP INTERVAL (CHANNEL 25 - 48)	165 FEET

PROCESSING SEQUENCE AND PARAMETERS

1. DEMULTIPLEX
   PROCESSING SAMPLING INTERVAL 4 MSEC
2. EDIT
3. RECONSTRUCTED BEFORE STACK
   WATER VELOCITY — 4800 FEET/SEC
   WATER DEPTH — REGULAR PHASE SHIFTED FILTER
   APERTURE LIMITS — 1 SEC AT 2 KM
   DIP LIMIT — 90 DEGREES
   VELOCITY INTERVALS — 1 KM
   PREDICTION DISTANCE — 0 MS
4. TRACE EQUALIZE
5. AMPLITUDE
6. PLOT
7. TIME VARIANT FILTER

TIME (MS)	LOW CUT (HZ)	HIGH CUT (HZ)
0 TO 2.0 SEC	5	80
2.0 TO 3.0 SEC	5	60
3.0 TO 4.0 SEC	5	40
4.0 TO 5.0 SEC	5	30
5.0 TO 6.0 SEC	5	20

PLOT
SHOT LINE/DEP POINT
CDP LINE/DEP POINT

LEGEND
DEPRESSION WATER BOTTOM

HORIZONTAL SCALE
IN PRESS RELEASE = MILE

POLARITY CONVENTION:
RECORDING = COMPRESSION PULSE NEGATIVE NUMBER
PROCESSING = COMPRESSION PULSE NEGATIVE NUMBER
DISPLAY = COMPRESSION PULSE TROUGH REFERENCE BLACK

NOTE(S):
1. DATUM = SECTION BY NATIONS
2. PLAYBACK CORRECTION TO SEA LEVEL DATUM 1012 MS