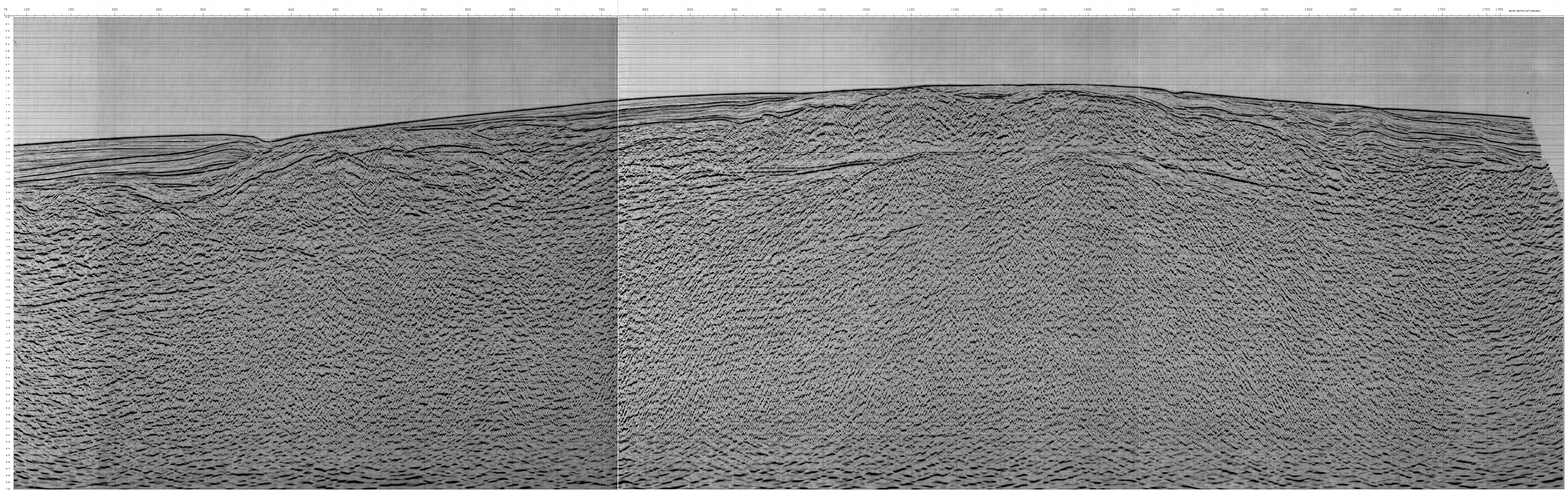
WS82-647 134

S.P. 75-1765

1X8000S MIGR ROC TVF
FINITE DIFFERENCE MIGRATION



NORTHWEST

WESTERN GEOPHYSICAL COMPANY

OFFSHORE CALIFORNIA
OREGL MONTERE BAY

SHOT BY WESTERN PARTY 85 M/V WESTERN RADIORADE WPM-1982
PROCESSED BY WESTERN GEOPHYSICAL DATA CENTER JUNE-1982
GSI/ BIS PROJECT NO. 82-278
ROC MRDR CODE 1TN

RECORDING DATA

SOURCE	
ENERGY SOURCE	AIRGUNS
NUMBER OF GUNS	20
GUN DEPTH	20 FEET
SHOT INTERVAL	50 FEET
SHOT-POINT INTERVAL	50 FEET
SHOT-POINT OFFSET TO ANTENNA	84 FEET
NORMAL GUN ARRAY SIZE	1520 CU. IN. VOSS PSI
INSTRUMENTS	
SYSTEM	OPTIM 9
RECORDING	DIGITAL PLOTTING PRINT
FILTER	5-80 HZ
RECORD LENGTH	6.0 SEC
RECORD LENGTH	6.0 SEC
FIELD FORMAT	24A CHANNELS SEG-B GAPPED
CABLE	
TYPE CABLE	STREAMER
CABLE LENGTH	3750 FEET
NUMBER OF LEADS	24 LEADS
LEAD IN	984 FEET
GROUP INTERVAL	25 FEET
NUMBER OF GEOPHONES PER GROUP	24
NUMBER OF GROUPS RECORDED	120

PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLING INTERVAL 4 MSEC

1. EDIT

2. DECONVOLVED BEFORE STACK
   - DESIGN FRAME 3 SHORE FILTER
   - WIDOW LENGTH 3 FRAME (800)
   - DISPLAY 200 OF 2500
   - OPERATOR TN
   - PREDICTION DISTANCE 8

3. NMO STACK 6000 %

4. MIGRATION

5. INSTANTANEOUS GAIN

6. TIME VARIANT FILTER

TIME ZONE	1-2	4-5	6-7
LOW CUT	20	20	20
HIGH CUT	80	60	40
SLOPE	24	24	24

FILTER STRUCTURE: 1-2 ZERO PHASE, 4-5 ZERO PHASE, 6-7 ZERO PHASE WITH STRUCTURE

LEGEND
INTERSECTIONS
WATER DEPTH

POLARITY CONVENTION
RECORDING: COMPRESSION PULSE NEGATIVE NUMBER
PROCESSING: COMPRESSION PULSE NEGATIVE NUMBER
DISPLAY: COMPRESSION PULSE TRACE (DEPENDING BLACK)

NOTATIONS
SP LOCATION AT PATCHES
SHOT POINT NUMBER
RECORDED DATA TO SEA LEVEL
DATA CORRECTED TO SEA LEVEL