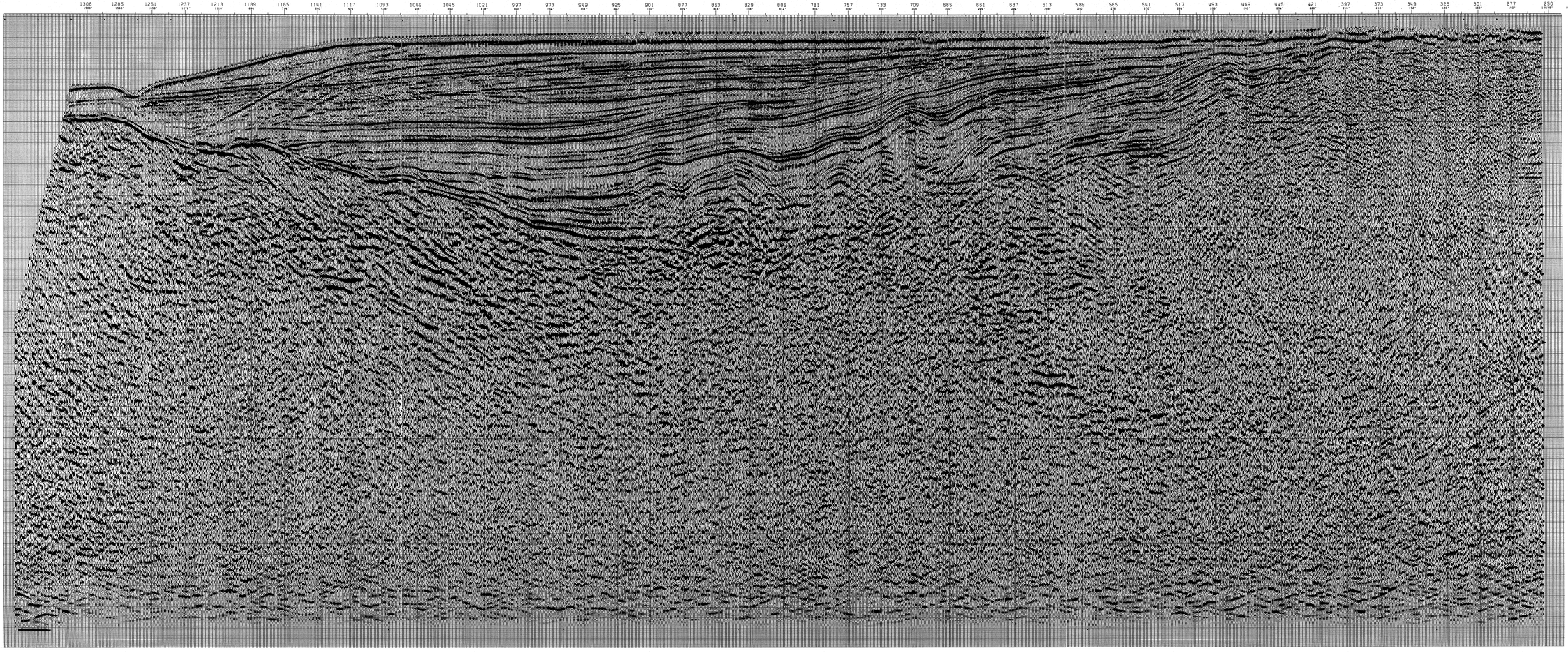
PAGE 01 3-7-79
REEL 480907 SHIFT 3
GAIN 018 DB SYSTEM 1

SE 01 3-7-79
L 480907 SHIFT 3
H 018 DB SYSTEM 1

SE 01 3-7-79
L 480907 SHIFT 3
H 018 DB SYSTEM 1

LINE WSF-202
S.P. 1308-250

1 X 4800% MIG.TVF
MIGRATION BY FINITE
DIFFERENCE METHOD



WESTERN GEOPHYSICAL COMPANY

OFFSHORE CALIFORNIA

AREA : SAN FRANSISCO

SHOT BY WESTERN GEOPHYSICAL PARTY #80 OCT 4,1978
PROCESSED BY WESTERN GEOPHYSICAL GROUP #10 MAR 8,1979
USGS # C-78-158
PLAYBACK REEL NO.480907

RECORDING DATA

SOURCE

ENERGY SOURCE	AIRGUNS
NUMBER OF GUNS	12
GUN DEPTH	25 FEET
FIRING INTERVAL	110 FEET
SHOT POINT INTERVAL	110 FEET
DISTANCE OF SOURCE TO ANTENNA	119 FEET

INSTRUMENTS

SYSTEM	LRS-860
AMPLIFIER	INSTAN. FLOATING PT.
FILTER	L/B 4H/24
SAMPLING INTERVAL	2 MS
RECORD LENGTH	7 SECONDS

CABLE

TYPE CABLE	SYNCHRON
CABLE LENGTH	10340 FEET
CABLE DEPTH	40-50 FEET
LEAD IN	901 FEET
GROUP INTERVAL	220 FEET
NUMBER OF GROUPS RECORDED	48

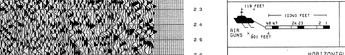
PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLING INTERVAL 4 MS

1. EDIT
2. DECONVOLVED BEFORE STACK
   - TYPE - MINIMUM PHASE INVERSE FILTER
   - WINDOW LENGTH 2 EQUAL ZONES
   - OVERLAP 20% OF ZONE
   - PREDICTION OPERATOR 240 MS
   - PREDICTION DISTANCE 4 MS
3. WEIGHTED NMO STACK 4800 X
4. MIGRATION
5. TIME VARIANT FILTER

TIME ZONE	L.C. (HZ)	H.C.
0.00-0.50 SEC	10	55
0.50-1.80 SEC	8	45
1.80-4.00 SEC	7	30
4.00-5.80 SEC	5	25

6. FILTERS CHANGE WITH WATER DEPTH AND STRUCTURE



HORIZONTAL SCALE
48 TRACES EQUALS 1 MILE

POLARITY CONVENTION
RECORDING : COMPRESSION PULSE NEGATIVE NUMBER
PROCESSING : COMPRESSION PULSE NEGATIVE NUMBER
DISPLAY : COMPRESSION PULSE TROUGH (DECREASING BLACK)