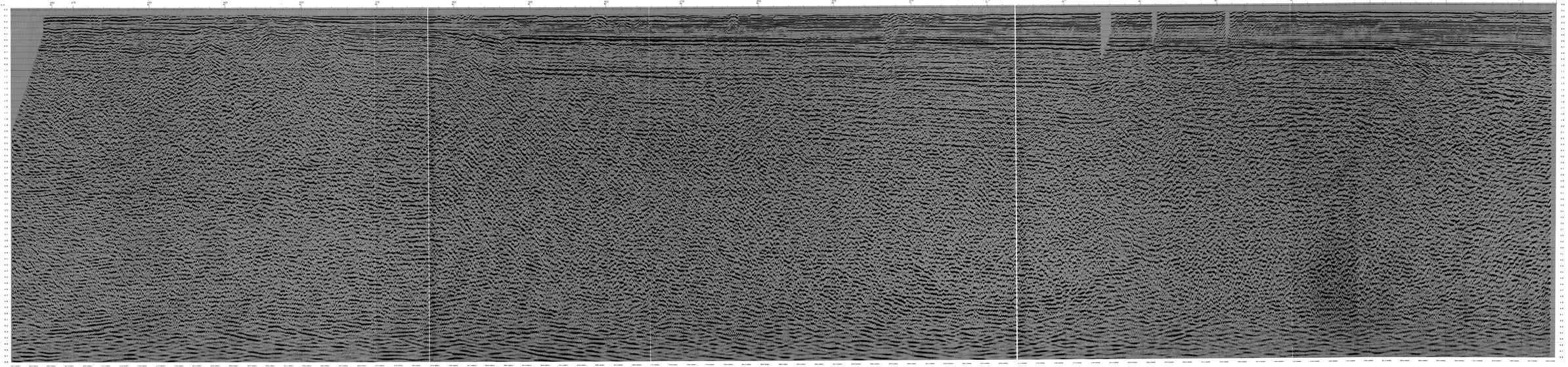

LINE 88-6
SP402.0IZ
1 X 48005 MIG.TVF
MIGRATION BY THE FINITE DIFFERENCE METHOD

SOUTHERST

WESTERN GEOPHYSICAL COMPANY	
OFFSHORE, INCORP.	
PART OF WESTERN GEOPHYSICAL, PART OF	SEP 1978
PLOTTED BY WESTERN GEOPHYSICAL, PART	MAY 1989
PLOTTING SEQ. NO. 1 PARTIAL	SEQUENCE

RECORDING DATA

ENERGY SOURCE	AIRGUN
NUMBER OF GUNS	6 OR 10 IN
SOURCE DEPTH	20 FEET
SHOT INTERVAL	82.5 FEET
SHOT POINT INTERVAL	165 FEET
DISTANCE OF STREAMER TO ANTENNA	328 FEET

INSTRUMENTS

SYSTEM	DFS V
RECORDER	GEOCOM 6 PLOTTING FT
FILTER	2.5 TO 110
SAMPLE INTERVAL	4 MILLISECONDS
RECORD LENGTH	6 SECONDS

CABLE

TYPE CABLE	STREAMER
NUMBER CHANNELS	48 ACTIVE
CABLE DEPTH	49.2 FEET
GROUP INTERVAL	82.5 FEET
GROUP PATTERN	82 FEET
LENGTH OF CABLE RECORDED	4800 FEET

PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SEQUENCE: PROCESSING SYSTEM: N 80

1. EDIT
2. DECONVOLUTION BEFORE STACK
   - OPERATOR LENGTH: 160MS
   - OPERATOR TYPE: SPIKING
   - PREDICTION: 24 MS
   - LENGTH WINDOW: 1000 MS
   - PERCENT WHITENING: 1%
3. MIX STACK SECTION
4. DECONVOLUTION AFTER FILTER
5. MIGRATION
6. FINAL AMPLITUDE FILTER

FILTER			
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0

LOCATION MAP (NOT TO SCALE)

DISPLAY
VELOCITY INCREASING WITH DEPTH

HORIZONTAL SCALE
108 TRACES EQUAL 1 MILE

POLARITY CONVENTION:
- PROCESSING - COMPRESSION PULSE NEGATIVE NUMBER
- PROCESSING - COMPRESSION PULSE NEGATIVE NUMBER
- DISPLAY - COMPRESSION PULSE TROUGH INCREASING BLACK