PAGE 01 1/16/81
REEL 460793 SHOT 1
GAIN 812 28 SYSTEM 3
CLIENT WESTERN LINE WSS-106

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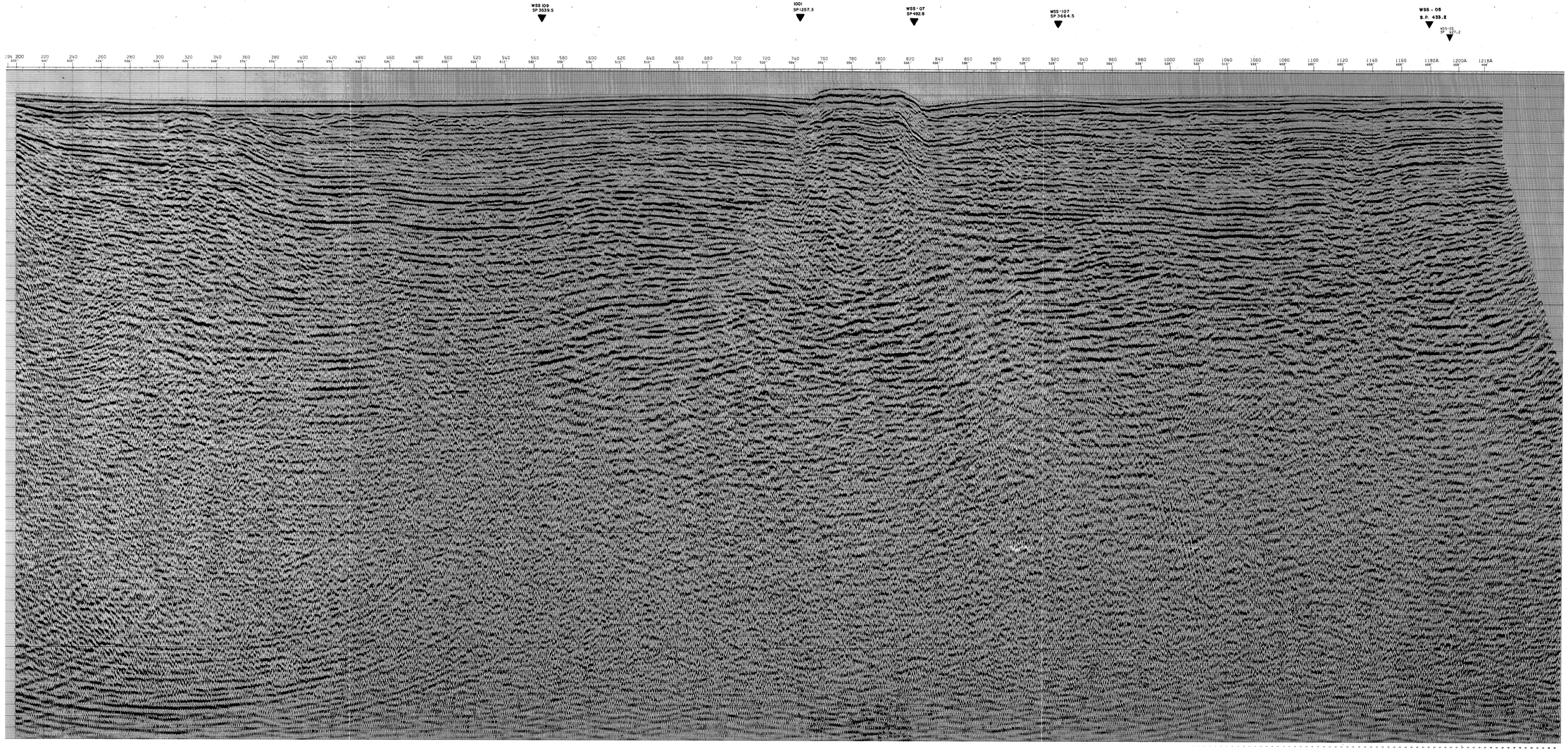
WSS-106
S.P. 194-1218A

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



WESTERN GEOPHYSICAL COMPANY

OFFSHORE ALASKA
AREA : SHELIKOF STRAITS

SHOT BY WESTERN GEOPHYSICAL , PARTY 60 — OCT 1980
PROCESSED BY WESTERN GEOPHYSICAL (HOC) — JAN 1981
PLAYBACK REEL NO. 460793 — GROUP 10
USGS PERMIT NO. 81-07
WESTERN AREA NUMBER 00026

RECORDING DATA

SOURCE

ENERGY SOURCE	AIRGUNS
NUMBER OF GUNS	8
GUN DEPTH	20 FEET
FIRING INTERVAL	82 FEET
SHOT POINT INTERVAL	82 FEET
DISTANCE OF SOURCE TO ANTENNA	119 FEET

INSTRUMENTS

SYSTEM	DFS-5
AMPLIFIER	INST. FLOATING POINT
FILTER	L/B-H/128
SAMPLING INTERVAL	2 MS
RECORD LENGTH	6 SECONDS

CABLE

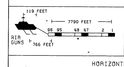
TYPE CABLE	STREAMER
CABLE LENGTH	3790 FEET
CABLE DEPTH	40-50 FEET
LEAD IN	366 FEET
GROUP INTERVAL	82 FEET
NUMBER OF GROUPS RECORDED	96

PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLING INTERVAL 4 MS

1. EDIT
2. DECONVOLVED BEFORE STACK
   - TYPE - MINIMUM PHASE INVERSE FILTER
   - WINDOW LENGTH 9 EQUAL ZONES
   - OVERLAP 200 OF ZONE
   - LENGTH OPERATOR 200 MS
   - PREDICTION DISTANCE 4 MS
3. NMO STACK VBOD Σ
4. MULTICHANNEL NOISE FILTER
5. MIGRATION
6. AGC
7. TIME VARIANT FILTER

FILTER TIME	L.C. (HZ)	H.C.
0.0 SEC	10	50
0.7 SEC	8	40
1.2 SEC	7	35
3.0 SEC	6	30
6.0 SEC	5	25



LEGEND
W.D. INTERSECTIONS WATER DEPTH

HORIZONTAL SCALE
128 TRACES EQUAL 1 MILE

POLARITY CONVENTION
RECORDING + COMPRESSION PULSE NEGATIVE NUMBER
PROCESSING + COMPRESSION PULSE NEGATIVE NUMBER
DISPLAY + COMPRESSION PULSE **PEAK** (INCREASING BLACK)