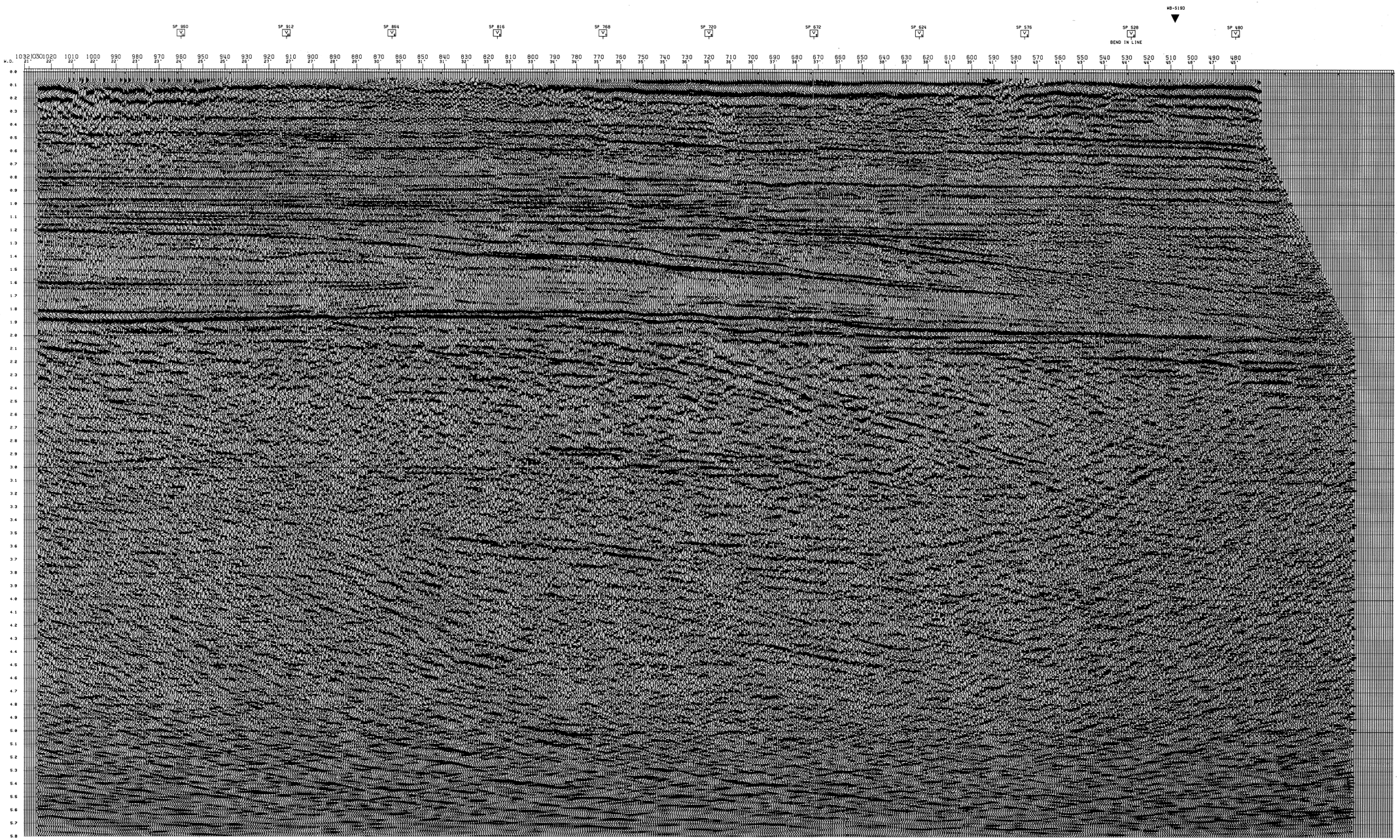
25 Amy.

PAGE 01 12/15/80
REEL 491789 SHIFT 2
GAIN 815 DB SYSTEM 3
CLIENT WESTERN LINE WB-562D

25 Amy.

LINE:WB-562D
SP 1032-480
MIGRATION BY FINITE
DIFFERENCE METHOD
2X2400 % MIG BPF



NORTHEAST

WESTERN GEOPHYSICAL COMPANY

OFFSHORE ALASKA

AREA : BEAUFORT SEA

SHOT BY WESTERN GEOPHYSICAL PARTY NO.195 DATE :SEPT.20,1980
PROCESSED BY WESTERN GEOPHYSICAL GROUP NO.4 DATE :DEC.22,1980
USGS PERMIT NO. 80-42

RECORDING DATA

SOURCE

ENERGY SOURCE	AIRGUNS
CHARGE SIZE	580CU.IN.
NUMBER OF GUNS	10
GUN DEPTH	15 FEET
SHOT POINT INTERVAL	164 FEET
DISTANCE OF SOURCE TO ANTENNA	25 FEET

INSTRUMENTS

SYSTEM	OFS V
AMPLIFIER	INST.FLOATING POINT
FILTER	L/S-H/120
SAMPLING INTERVAL	2 MS.
RECORD LENGTH	6 SECONDS

CABLE

TYPE CABLE	DRAG
CABLE LENGTH	7700 FEET
LEAD IN	945 FEET
GROUP INTERVAL	164 FEET
NUMBER OF GROUPS RECORDED	48
AVERAGE CABLE DEPTH	BOTTOM

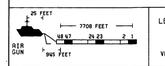
PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLING INTERVAL 4 MS

1. EDIT
   SAMPLING INTERVAL 2 MS
   IN. PRE-FILTER 8-OUT
2. DECONVOLVED BEFORE STACK
   TYPE - MINIMUM PHASE INVERSE FILTER
   WINDOW LENGTH 3 EQUAL ZONES
   OVERLAP 20% OF ZONE
   LENGTH OPERATOR 192 MS.
   PREDICTION DISTANCE 12 MS.
3. AUTOMATIC STATICS
4. NMO STACK 2400 %
5. PEAKS GAIN
6. RMS GAIN
7. MIGRATION -
   FINITE DIFFERENCE METHOD
8. PEAKS GAIN
9. RMS GAIN
10. BANDPASS FILTER

TIME ZONE	L.C. (CPS)	H.C.
0.0 - 6.0 SEC.	8 -	55

11. PLAYBACK INFORMATION
    STACK REEL NUMBER- 470127
    FILM REEL NUMBER - 491789
    POLARITY - REVERSE
    PLAYBACK SETTING - 15 DB



LEGEND
V VELOCITY ANALYSIS
INTERSECTIONS
W.D. WATER DEPTH
VELAN RUN EVERY MILE

POLARITY CONVENTION
RECORDING : COMPRESSION PULSE POSITIVE NUMBER
PROCESSING : COMPRESSION PULSE POSITIVE NUMBER
DISPLAY : COMPRESSION PULSE PEAK (INCREASING BLACK)