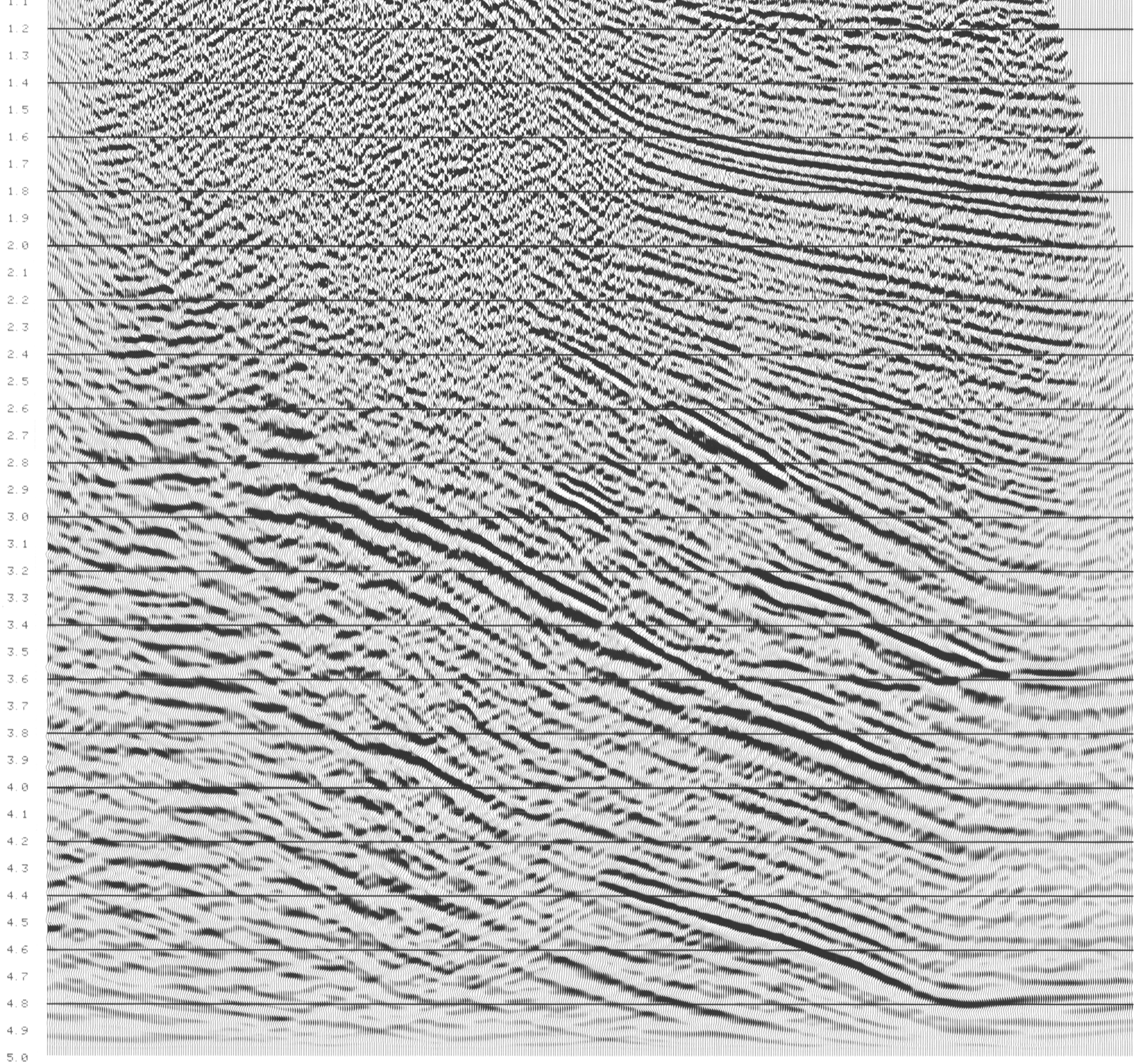
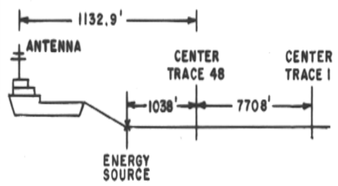


FIELD PARAMETERS

S.P. LOCATION IS ANTENNA POSITION



RECORDED BY GEOPHYSICAL CORP. OF ALASKA

RECORDING VESSEL- BERING EXPLORER

INSTRUMENTS- DFS IV
TAPE FORMAT- SEG B
REC. LENGTH- 5.0 SECONDS
SAMPLE RATE- 2MS.
FILTER - 8-124 HZ.

SOURCE - BOLT AIRGUN

RECORDING GEOMETRY
DISTANCE TO CH. 1 - 8746FT
DISTANCE TO CH. 48 - 1038FT
GROUP INTERVAL - 164FT
POP INTERVAL - 82FT

NAVIGATION- ONI

RECORDED- **5/26/78**

PROCESSING SEQUENCE

DEMULTIPLEX AND BINARY GAIN RECOVERY

NEAR TRACE DISPLAY-RECORD EDIT

48 FOLD CDP GATHER

PREDICTIVE DECONVOLUTION
160 MS. OPERATOR 32MS PREDICTION
GATE- SB.T0 WB+ 3000 MS

VELOCITY ANALYSIS
CV STACKS OVER 5 ADJACENT CDP S
4600 FT/SEC TO 18000 FT/SEC

NMO REMOVAL-MUTE

48 FOLD CDP STACK

TIME VARIANT FILTER
12-50 HZ WB + 0.7 SECONDS
8-32 HZ WB + 2.7 SECOND TO END
MERGE ZONE 2.0 SECOND

TIME VARIANT SCALING USING
VARYING WINDOW LENGTHS

WAVE EQUATION MIGRATION

FILM DISPLAY
GAIN +9DB
HORIZONTAL- 32 TR/IN
VERTICAL - 2.5 IN/SEC

COMMENTS

** POSITIVE ACOUSTIC PRESSURE **
** IS A POSITIVE NUMBER ON TAPE **
** WHICH IS DISPLAYED AS TROUGH ON FILM **

QC GEOPHYSICIST _____ DATE
INITIALS