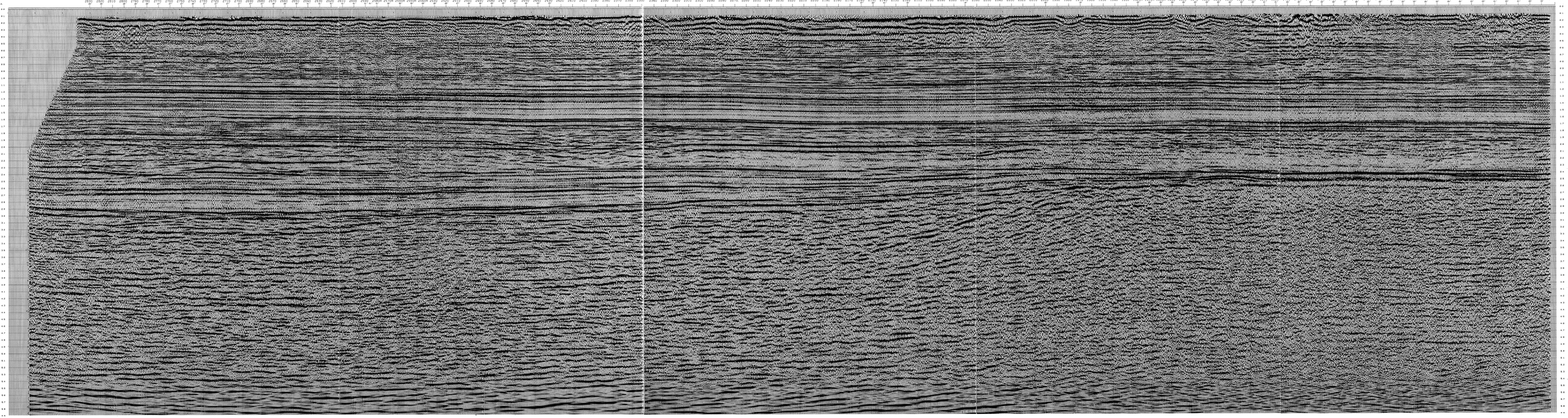

NB-401
S. P. 2830-1058A
2 X 2400S MIG.BPF
MIGRATION BY FINITE
DIFFERENCE METHOD

NORTHWEST

WESTERN GEOPHYSICAL COMPANY
OFFSHORE ALASKA
AREA C - BEAUFORT SEA

SHOT BY WESTERN GEOPHYSICAL - P.WAYC NB-128 SHOT 1-2002 ON 1978
PROCESSED BY WESTERN GEOPHYSICAL, OMAR NB-6, SHOT 1-2001 78 - 1978

RECORDING DATA

	SOURCE
ENERGY SOURCE	AIR GUNS
CHARGE SIZE	900 CU.IN.
SOURCE DEPTH	20
GUN DEPTH	33 FEET
SHOT POINT INTERVAL	164 FEET
DISTANCE OF SOURCE TO ANTENNA	262 FEET
	INSTRUMENT
SYSTEM	DFS V
FILTERS	ANTI-ALIASING POINT
FOLD	24 TRACES
SAMPLING INTERVAL	4 MS
RECORD LENGTH	8 SECONDS
	CABLE
TYPE CABLE	SYNG
CABLE LENGTH	7344 FEET
DEPTH	102 FEET
GROUP INTERVAL	164 FEET
NUMBER OF GROUPS RECORDED	24

PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLING INTERVAL 4 MS

1. EDIT
2. SAMPLING INTERVAL 4 MS
3. DECONVOLVED BEFORE STACK
   - OPERATOR MINIMUM PHASE INVERSE FILTER
   - WINDOW LENGTH 800 MS (BEAM), 2000 MS (STACK)
   - GAP 20 MS
   - LENGTH OPERATOR 160 MS
   - PREDICTION DISTANCE 12 MS
   - WHITE NOISE LEVEL 4.0%
4. AUTOMATIC STATICS
5. NMO
6. COMMON STACK @400%
7. PEAKS DATA
8. RMS DATA
9. MIGRATION
   - FINITE DIFFERENCE METHOD
10. PEAKS DATA
11. RMS DATA
12. BANDPASS FILTER

	CMG ZONE	V.E.	CDP'S	M.S.
S.P. - R.E. REC.	9	4	90	

12. PLOTSTACK INFORMATION
   - MIGRATION REEL NUMBER - 78066
   - FILM REEL NUMBER - 83786
   - PLOTTER - CALCOMP 1058
   - PLOTBACK SETTING - 25.08
   - HOOEY NUMBER - 401(P)

KEY DEPTH
SHOT POINT
CDP
TIME

LEGEND
VELOCITY PAIRS/DECK
SHOT POINTS
GEOPHONE GROUPS
VELMIN RUN EVERY 90.0

POLARITY CONVENTION
RECORDING - COMPRESSION PULSE POSITIVE NUMBER
TAPE - COMPRESSION PULSE POSITIVE NUMBER
DISPLAY - COMPRESSION PULSE PEAK - WIGGLE BLACK

NOTATIONS

SEA LEVEL CORRECTION AND 4 ms RE-ELECTRONIC APPLIED TO TIE DATA