

20 mg.

20 mg.

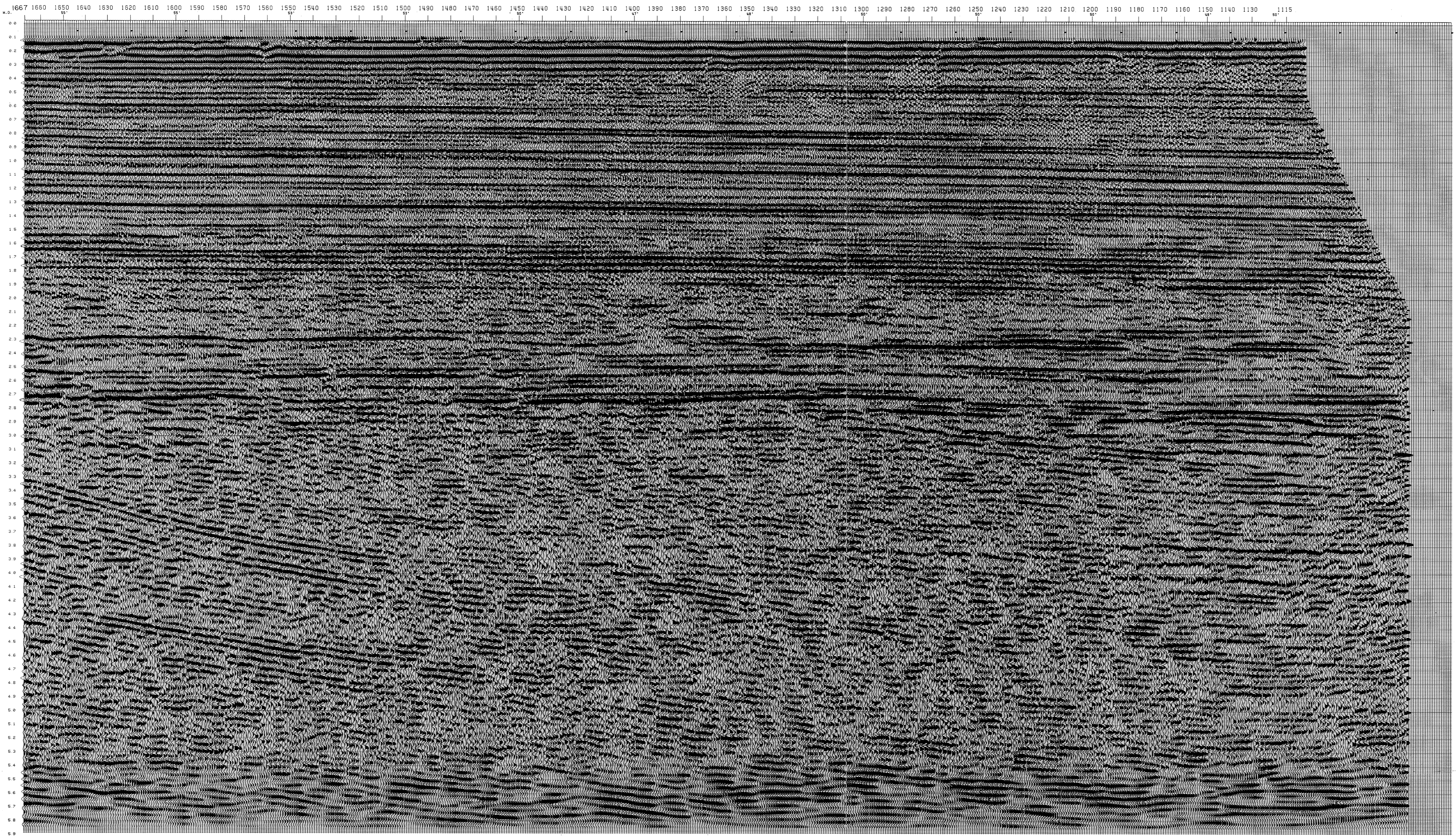
WB-417
S.P. 1667-1115
1 X 4800Z MIG.TVF
MIGRATION BY FINITE
DIFFERENCE METHOD

HB-218

HB-402

HB-204

NORTHWEST



WESTERN GEOPHYSICAL COMPANY
OFFSHORE ALASKA
AREA : BEARFORD SEA

SHOT BY WESTERN GEOPHYSICAL PARTY NO. 195 DATE : SEPT.22,1979
PROCESSED BY WESTERN GEOPHYSICAL GROUP NO.4 DATE : OCT.29,1979

RECORDING DATA

SOURCE
ENERGY SOURCE : AIR GUNS
CHARGE SIZE : 580 CU. IN.
NUMBER OF GUNS : 12
GUN DEPTH : 15 FEET
SHOT POINT INTERVAL : 82 FEET
DISTANCE OF SOURCE TO ANTENNA : 25 FEET

INSTRUMENTS
SYSTEM : DPS-V
AMPLIFIER : INST FLOATING POINT
FILTER : L/S-M/128
SAMPLING INTERVAL : 2 MS.
RECORD LENGTH : 6 SECONDS

CABLE
TYPE CABLE : STRENGTHEN
CABLE LENGTH : 7708 FEET
CABLE DEPTH : 25 FEET
LEAD IN : 857 FEET
GROUP INTERVAL : 164 FEET
NUMBER OF GROUPS RECORDED : 48

PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLING INTERVAL 4 MS

1. EDIT
SAMPLING INTERVAL 2 MS.
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
SAMPLING INTERVAL : 4 MS
3. NMO STACK 4800 %
4. PERMS GAIN
5. RMS GAIN
6. MIGRATION
FINITE DIFFERENCE METHOD
7. PERMS GAIN
8. RMS GAIN
9. TIME VARIANT FILTER

TIME ZONE	L.C. (HZ)	H.C.
0.00-0.70 SEC	12	45
0.70-1.50 SEC	10	40
1.50-2.40 SEC	8	35
2.40-3.70 SEC	6	25
3.70-4.80 SEC	6	25
4.80-5.00 SEC	6	25

10. PLAYBACK INFORMATION
MIGRATION REEL NUMBER - 491543
FILM REEL NUMBER - 620310
POLARITY - NORMAL
PLAYBACK SETTING - 15 DB
HEADER NUMBER - M16WCC

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

POLARITY CONVENTION
RECORDING : COMPRESSION PULSE NEGATIVE NUMBER
PROCESSING : COMPRESSION PULSE NEGATIVE NUMBER
DISPLAY : COMPRESSION PULSE TROUGH (DECREASING BLACK)

NOTATIONS
SEA LEVEL CORRECTION AND A +44 MS ADJUSTMENT APPLIED TO TIE 1978 DATA

PROPRIETARY DATA OF WESTERN GEOPHYSICAL COMPANY OF OREGON-NOT TO BE SOLD OR TRADED