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REEL 449186 SHIFT 3
GAIN 018 DB SYSTEM 1

LINE WB-737
S.P. 1400-910

1X4800% MIG.TVF
MIGRATION BY THE FINITE DIFFERENCE METHOD

THE AQUAPULSE SYSTEM

NORTHWEST

WESTERN GEOPHYSICAL COMPANY

OFFSHORE ALASKA
AREA : BEAUFORT SEA

SHOT BY WESTERN GEOPHYSICAL PARTY 85 SEPT. 1978
PROCESSED BY WESTERN GEOPHYSICAL HOC GROUP 31 JAN. 30, 1979
PLAYBACK REEL NO. : 449186

RECORDING DATA

SOURCE

ENERGY SOURCE	AQUAPULSE
GUN DEPTH	20 FEET
FIRING INTERVAL	82 FEET
SHOT POINT INTERVAL	82 FEET
DISTANCE OF SOURCE TO ANTENNA	20 FEET

INSTRUMENTS

SYSTEM	DDS-888
AMPLIFIER	IFP
FILTER	L/8-H/125
SAMPLING INTERVAL	2 MS
RECORD LENGTH	6 SECONDS

CABLE

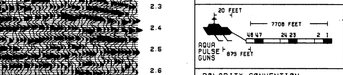
TYPE CABLE	STREAMER
CABLE LENGTH	7709 FEET
CABLE DEPTH	30-40 FEET
LEAD IN	873 FEET
GROUP INTERVAL	164 FEET
NUMBER OF GROUPS RECORDED	48

PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLING INTERVAL 4 MS

1. EDIT
2. DECONVOLVED BEFORE STACK
   - TYPE - MINIMUM PHASE INVERSE FILTER
   - WINDOW LENGTH 2 EQUAL ZONES
   - OVERLAP 20% OF ZONE
   - LENGTH OPERATOR 152 MS
   - PREDICTION DISTANCE 12 MS
3. NMO STACK 4800 %
4. MIGRATION
   FINITE DIFFERENCE METHOD
5. TIME VARIANT FILTER

TIME ZONE	L.C. (HZ)	H.C.
0.00- 0.40 SEC	12	55
0.40- 0.80 SEC	10	55
0.80- 1.20 SEC	9	50
1.20- 1.60 SEC	8	45
1.60- 2.20 SEC	7	35
2.20- 3.40 SEC	6	30
3.40- 6.00 SEC	6	30



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

NOTATIONS
SEA LEVEL CORRECTION AND A +32 MS ADJUSTMENT APPLIED TO TIE 1977

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