WSS-26
S.P. 1580-48
1X4800% MIGR AGC TVF
FINITE DIFFERENCE MIGRATION

NORTHWEST

WESTERN GEOPHYSICAL COMPANY

OFFSHORE ALASKA
AREA: SHELIKOF STRAIT

SHOT BY WESTERN PARTY 60 R/V ANNE BRAVO NOVEMBER, 1979
PROCESSED BY WESTERN'S DENVER CENTER MARCH, 1980
USGS OCS PERMIT NO. 79-33

RECORDING DATA

SOURCE

ENERGY SOURCE	AIRGUNS
NUMBER OF GUNS	16
GUN DEPTH	20 FEET
FIRING INTERVAL	82 FEET
SHOT POINT INTERVAL	82 FEET
DISTANCE OF SOURCE TO ANTENNA	119 FEET
NORMAL GUN ARRAY SIZE	600 CU. IN. 4600 PSI

INSTRUMENTS

SYSTEM	DFS-5
AMPLIFIER	INST. FLOATING POINT
FILTER	5.3-128
SAMPLING INTERVAL	2 MS
RECORD LENGTH	6 SECONDS
FIELD FORMAT	100 CHANNELS SEG-B GAPPED

CABLE

TYPE CABLE	STREAMER
CABLE LENGTH	7708 FEET
CABLE DEPTH	35 FEET
LEAD IN	821 FEET
GROUP INTERVAL	164 FEET
NUMBER OF GEOPHONES PER GROUP	26/18
NUMBER OF GROUPS RECORDED	48

PROCESSING SEQUENCE AND PARAMETERS

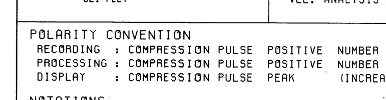
PROCESSING SAMPLING INTERVAL 4 MS

1. EDIT
2. DECONVOLVED BEFORE STACK

TYPE -	MINIMUM PHASE INVERSE FILTER
WINDOW LENGTH	3 EQUAL ZONES
OVERLAP	20% OF ZONE
LENGTH OPERATOR	140 MS
PREDICTION DISTANCE	4 MS

3. NMO STACK 4800 %
4. COHERENT NOISE FILTER
5. MIGRATION
6. RMS GAIN
7. TIME VARIANT FILTER

TIME ZONE	L.C. (HZ)	H.C.
0.00-1.00 SEC	10	50
1.00-1.60 SEC	8	40
1.60-2.20 SEC	7	35
2.20-3.00 SEC	6	30
3.00-6.00 SEC	5	25



LEGEND
V VELOCITY ANALYSIS
▼ INTERSECTIONS
W.D. WATER DEPTH
VEL. ANALYSIS EVERY 5904 FEET

POLARITY CONVENTION

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

NOTATIONS
SP LOCATION AT ANTENNA
PLAYBACK REEL NUMBER 1432
PLAYBACK GAIN 13 DB
DATA CORRECTED TO SEA LEVEL