PAGE 01 1/16/81
REEL 460779 SHIFT 1
GAIN 812 DB SYSTEM 3
CLIENT WESTERN LINE WSS-106

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WSS-106
S.P. 194-1218A
1 X 4800% MIG.TVF
MIGRATION BY THE FINITE DIFFERENCE METHOD

WSS 109 SP 3539.5 | 1001 SP 1257.3 | WSS-07 SP 492.8 | WSS-107 SP 3664.5 | WSS-05 S.P. 433.2 | WSS-05 SP 57.2

S.P. 194 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500 520 540 560 580 600 620 640 660 680 700 720 740 760 780 800 820 840 860 880 900 920 940 960 980 1000 1020 1040 1060 1080 1100 1120 1140 1160 1180A 1200A 1218A

M.D. 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58

SOUTHEAST

WESTERN GEOPHYSICAL COMPANY

OFFSHORE ALASKA

AREA I SHELIKOF STRAITS

SHOT BY WESTERN GEOPHYSICAL , PARTY 60 OCT 1980
PROCESSED BY WESTERN GEOPHYSICAL (MOD) JAN 1981
PLAYBACK REEL NO. 460793 GROUP 1:0
USGS PERMIT NO. 81-07
WESTERN AREA NUMBER 00026

RECORDING DATA

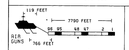
SOURCE	
ENERGY SOURCE	AIRGUNS
NUMBER OF GUNS	8
GUN DEPTH	22 FEET
FIRING INTERVAL	82 FEET
SHOT POINT INTERVAL	82 FEET
DISTANCE OF SOURCE TO ANTENNA	119 FEET
INSTRUMENTS	
SYSTEM	DFS-5
AMPLIFIER	INST. FLOATING POINT
FILTER	L/S-M/128
SAMPLING INTERVAL	2 MS
RECORD LENGTH	6 SECONDS
CABLE	
TYPE CABLE	STREAMER
CABLE LENGTH	7790 FEET
CABLE DEPTH	40-50 FEET
LEAD IN	766 FEET
GROUP INTERVAL	82 FEET
NUMBER OF GROUPS RECORDED	96

PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLING INTERVAL 4 MS

1. EDIT
2. DECONVOLVED BEFORE STACK
   - TYPE - MINIMUM PHASE INVERSE FILTER
   - WINDOW LENGTH 9 EQUAL ZONES
   - OVERLAP 20% OF ZONE
   - LENGTH OPERATOR 200 MS
   - PREDICTION DISTANCE 4 MS
3. NMO STACK V800 %
4. MULTICHANNEL NOISE FILTER
5. MIGRATION
6. AGC
7. TIME VARIANT FILTER

FILTER TIME	L.C. (HZ)	H.C.
0.0 SEC	10	50
0.7 SEC	8	40
1.2 SEC	7	35
3.0 SEC	6	30
6.0 SEC	5	25



LEGEND
M.D. INTERSECTIONS WATER DEPTH

HORIZONTAL SCALE
128 TRACES EQUAL 1 MILE

POLARITY CONVENTION
RECORDING + COMPRESSION PULSE NEGATIVE NUMBER
PROCESSING + COMPRESSION PULSE NEGATIVE NUMBER
DISPLAY + COMPRESSION PULSE **PEAK** (INCREASING BLACK)