31
MG

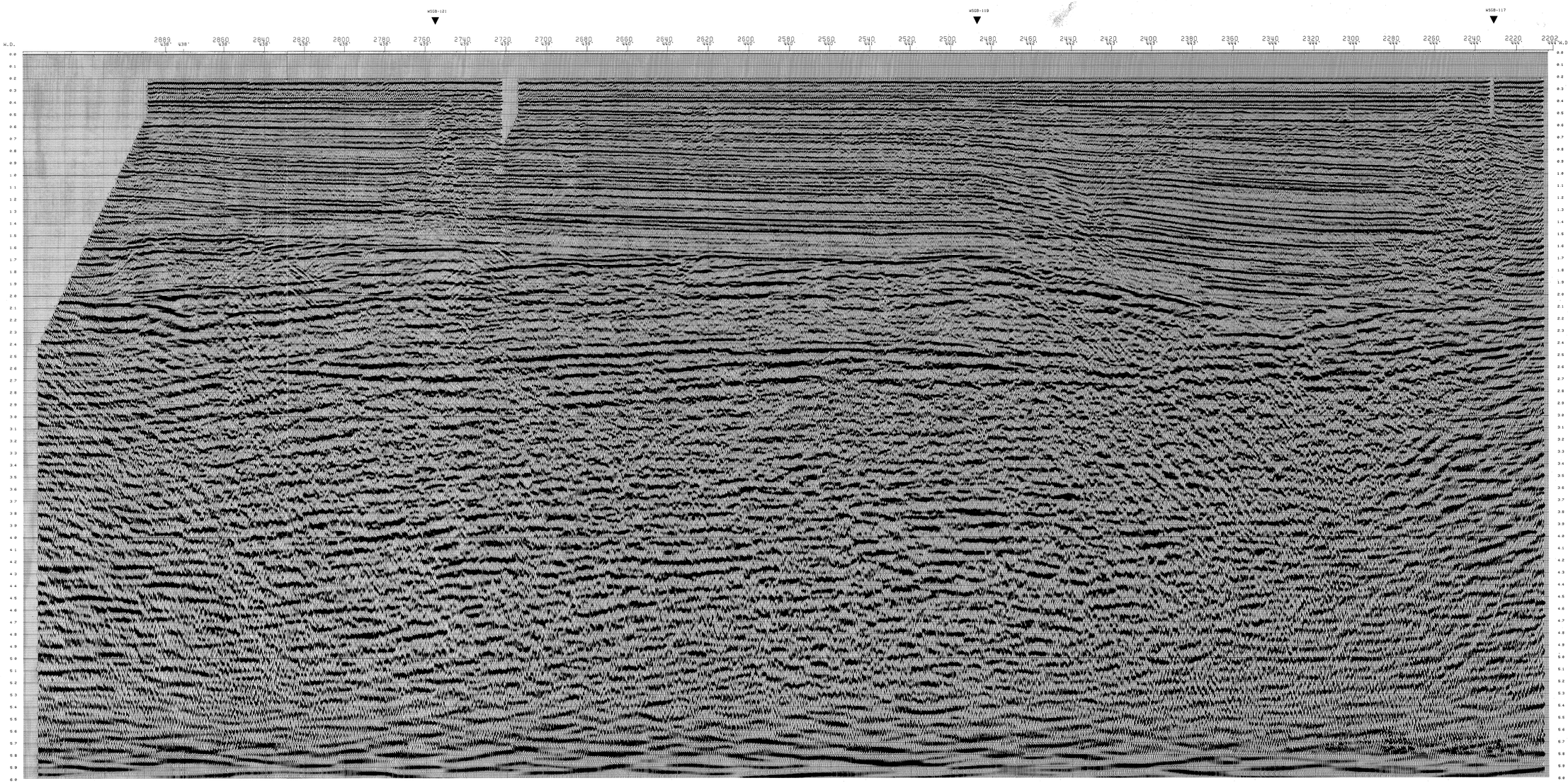
31
MG

WSGB-328X

S.P. 2889 -2202

1 X 6000%, MIGRATION TVF

NORTHEAST



WESTERN GEOPHYSICAL COMPANY

OFFSHORE ALASKA

ST. GEORGE BASIN U.S.G.S.# 83-19

SHOT BY WESTERN GEOPHYSICAL CO.	PARTY	60	MAY 1981
PROCESSED BY WESTERN GEOPHYSICAL CO.	MDC GROUP	27	JAN. 1983
PLAYBACK REEL NO.: 07M30			JOB #4358

RECORDING DATA

SOURCE

ENERGY SOURCE	AIRGUN	
NUMBER OF GUNS	16	
GUN DEPTH	22	FEET
FIRING INTERVAL	82	FEET
SHOT POINT INTERVAL	82	FEET
DISTANCE OF SOURCE TO ANTENNA	51	FEET

INSTRUMENTS

SYSTEM	DFS-V	
AMPLIFIER	INST. FLOATING POINT	
FILTER	L/S.3K/128	
SAMPLING INTERVAL	2 MSEC	
RECORD LENGTH	6.0 SEC	

CABLE

TYPE CABLE	STREAMER	
CABLE LENGTH	9758	FEET
CABLE DEPTH	45	FEET
LEAD IN	761	FEET
GROUP INTERVAL	82	FEET
NUMBER OF GEOPHONES PER GROUP	20	
NUMBER OF GROUPS RECORDED	119	

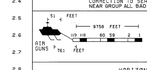
PROCESSING SEQUENCE AND PARAMETERS

PROCESSING SAMPLING INTERVAL 4 MSEC

1. EDIT
2. DECONVOLVED BEFORE STACK
   TYPE - MINIMUM PHASE INVERSE FILTER
   WINDOW LENGTH 3 EQUAL ZONES
   LENGTH OPERATOR 200 MS
   PREDICTION DISTANCE 4 MS
3. NMO STACK 6000%
4. MIGRATION
   FINITE DIFFERENCE METHOD
5. GAIN
6. TIME VARIANT FILTER

TIME ZONE		L.C. (HZ)	H.C.
.2	SEC	12	50
1.4	SEC	10	45
2.2	SEC	8	40
3.3	SEC	5	30
4.3	SEC	3	20

119 GROUP CABLE USING ALL GROUPS
SHOTPOINT LOCATION AT ANTENNA
CORRECTION TO SEA LEVEL DATUM 12 MSEC
NEAR GROUP ALL BAD



LEGEND
W.D. INTERSECTIONS
WATER DEPTH

HORIZONTAL SCALE
129 TRACES EQUALS ONE MILE

POLARITY CONVENTION

RECORDING	+ COMPRESSION PULSE	NEGATIVE	NUMBER
PROCESSING	+ COMPRESSION PULSE	NEGATIVE	NUMBER
DISPLAY	+ COMPRESSION PULSE	PEAK	INCREASING BLACK