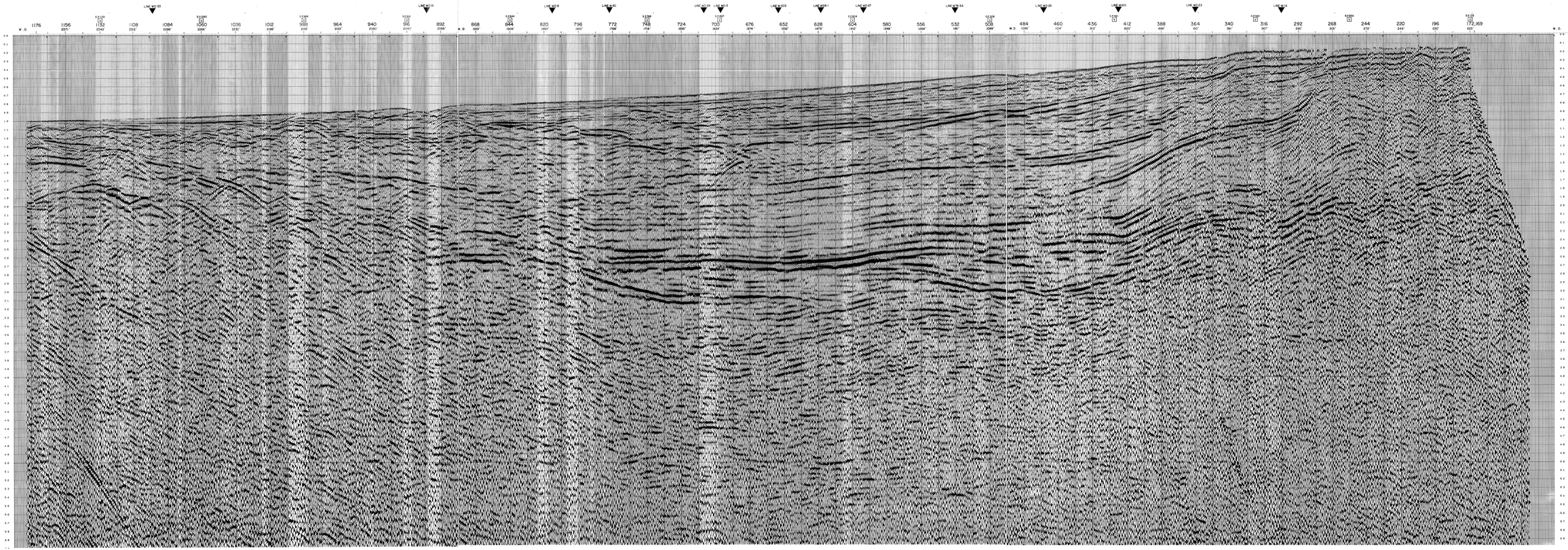

LINE WD-48
S.P. 1177-169

SOUTHWEST

1 x 4600% DBS,RPF,TVF

WESTERN GEOPHYSICAL COMPANY

OFFSHORE CALIFORNIA

AREA - SANTA BARBARA CHANNEL

SHOT BY: WESTERN GEOPHYSICAL 1977 — PARTY 276
PROCESSED BY: WESTERN GEOPHYSICAL 1977 — HOUSTON DIGITAL CENTER
BCH PERMIT NO. C-77-118

RECORDING DATA

SOURCE

ENERGY SOURCE	AQUAPULSE
NUMBER OF GUNS	6
GUN DEPTH	20 FEET
SHOT POINT INTERVAL	50 FEET
SHOT POINT INTERVAL	220 FEET
DISTANCE OF SOURCE TO ANTENNA	53 FEET

INSTRUMENT

SYSTEM	DSS 888
AMPLIFIER	INTERNT.FLOATING PT.
FILTERS	L.C.=12
SAMPLING INTERVAL	2 MS
RECORD LENGTH	6 SECONDS

CABLE

TYPE CABLE	STREAMER
NUMBER OF CABLES	1 CABLE
CABLE DEPTH	50-55 FEET
LEAD IN	800 FEET
GROUP INTERVAL	25
NUMBER OF GEOPHONES PER GROUP	20
NUMBER OF GROUPS RECORDED	48

PROCESSING SEQUENCE AND PARAMETERS

1. PROCESSING SAMPLING INTERVAL	4 MS
1. EDIT	
2. DECONVOLVED BEFORE STACK	
TYPE	MINIMUM PHASE INVERSE FILTER
WINDOW LENGTH	2 ZONES OF 2000 MS
LENGTH OF AUTOCORRELATION	200 MS
LENGTH OPERATOR	200 MS
PREDICTION DISTANCE	8 MS
3. AND STACK USED 3	
4. RADIAL PREDICTIVE FILTER	
5. TIME VARIANT FILTER	

TIME ZONE	L.P.	H.P.	N.C.
WATER BOTTOM -500 MS	10	40	40
WATER BOTTOM -500 MS	8	35	35
WATER BOTTOM +1000 MS	6	30	30
WATER BOTTOM +2100 MS		20	20

TIME ZONES WILL VARY WITH STRUCTURE

SCALE
VERTICAL 4000 FEET
HORIZONTAL 1 MILE
PLOT 1 MS PER FOOT
DATE

LEGEND
VELOCITY ANALYSIS
SHOTPOINT LOCATION
WATER DEPTH
SHOTPOINT LOCATION AT ANTENNA

HORIZONTAL SCALE
48 TRACES EQUALS ONE MILE

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

NOTATION
DATUM : CORRECTION TO SEA LEVEL DATUM, 10 MS
FLATBOW DATUM, 18 DB
PETL = 986586