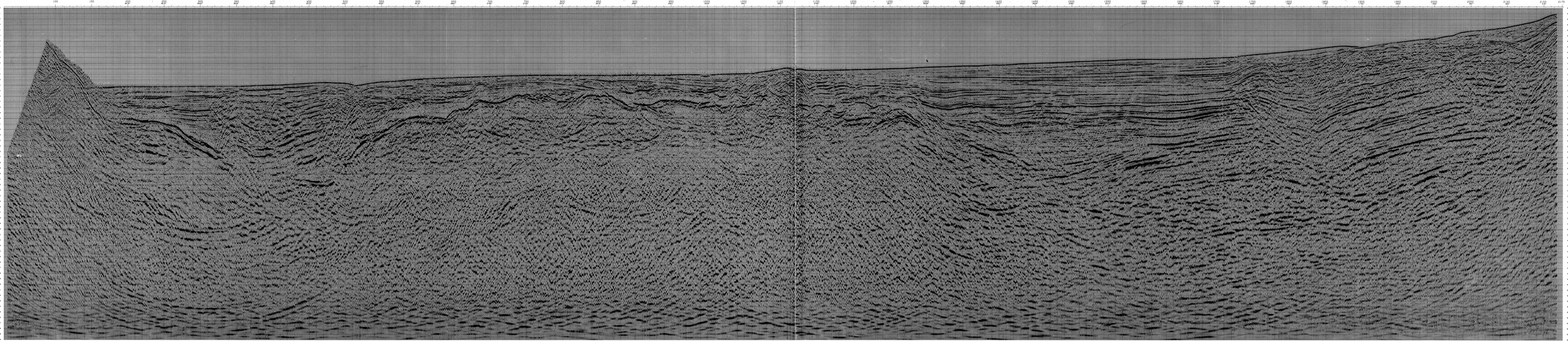
LX6000X RSC-TVF
FINITE DIFFERENCE MIGRATION
SIGNATURE DECONVOLUTION

SOUTHWEST



WESTERN GEOPHYSICAL COMPANY

OFFSHORE CALIFORNIA

LINE WD81-726

PART OF WESTERN PACIFIC '81 3-D SURVEY(SEE P. 001.PM)
PROCESSED BY WESTERN'S DENVER CENTER SPECTRUM
WG MAIN FRAME SYSTEM

RECORDING DATA

SOURCE	Airgun
ENERGY SOURCE	40 cu.in.
NUMBER OF GUNS	40 cu.in.
SUB-DEPTH	40 cu.in.
SOURCE ARRAY DESIGN	40 cu.in.
DISTANCE OF SOURCE TO ANTENNA	40 cu.in.
NOMINAL SUB ARRAY SIZE	1000 cu. in. 4000 PSI

	INSTRUMENTS
SYSTEM	MDS X
AMPLIFIERS	1600+ FLOATING POINT
FILTERS	4 - 125
RECORDING MATERIAL	9 TRACK
RECORD LENGTH	10 SECONDS
FIELD FORMAT	SEG SYEGRAM® SEG-B (SHP65)

	ENVELOPE
TIME LINES	1000MSEC
SWEEP LENGTH	8192 MSEC
SWEEP TYPE	LINEAR
SWEEP OPTIONS	NO TAPER
NUMBER OF GROUPS RECORDED PER SHOT	96 TRACE
NUMBER OF GROUPS PLOTTED	96

PROCESSING SEQUENCE AND PARAMETERS

1. DEMULTIPLEX
   PROCESSING SAMPLING INTERVAL 4 MSEC
2. GEOMETRY
3. SIGNATURE DECONVOLUTION
4. DECONVOLVED BEFORE STACK
   LENGTH 200 MSEC
   OPERATOR PHASE PLUS/MINUS 45 DEGREES
   ANALYSIS WINDOW 200 TO 2000
   WHITE NOISE ADDITION 1% PC
   PREDICTION DISTANCE 12 MS
5. MAP STACK GOOD 5
6. MIGRATION
7. PEAKS DATA
8. TIME VARIANT FILTER

0 MSEC	10	125	15
2000 MSEC	8	125	15
4000 MSEC	6	125	15

TIMES FROM WATER BOTTOM

PLOT	
1 inch = 1000 MSEC	
1 inch = 1 mile	
1 inch = 5280 ft	

LEGEND	
	INTERSECTING WATER DEPTH

POSITIVE REFLECTION COEFFICIENT

FIELD TAURUS (SHIPBOARD)
COMPUTATION FILM ID # NEGATIVE NUMBER

BY GEOPHYSICAL SERVICES INC.
A SUBSIDIARY OF SCHLUMBERGER
PLANO, TEXAS, U.S.A.
DATA CONTAINED IN THIS LEVEL