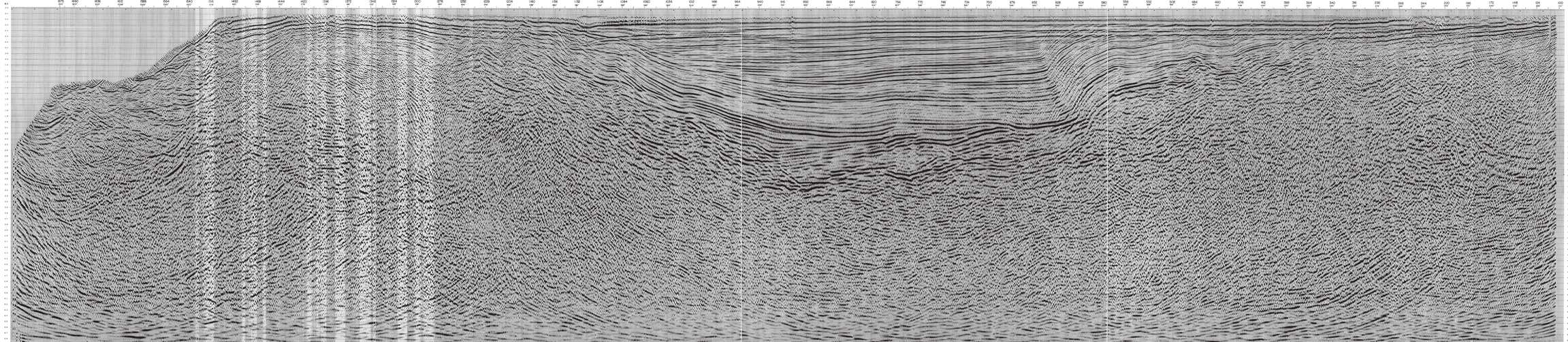
LINE: WSF-HO
S.P.: 1675-100
1 X 4000S MIG.TVF

MIGRATION BY THE
FINITE DIFFERENCE METHOD

SOUTHWEST



WESTERN GEOPHYSICAL COMPANY
OFFSHORE CALIFORNIA

AREA: SAN FRANCISCO

CREW NO WESTERN GEOPHYSICAL CREW NO 1
PROCESSING BY WESTERN GEOPHYSICAL UNIT HOUSTON DIGITAL CENTER
SEG PERMIT NO. 0-79-006

RECORDING DATA

SURVEY DATUM	SEA LEVEL
SOURCE	AIRGUNS
NUMBER OF GUNS	4
TOTAL VOLUME	1 LITER
SHOT INTERVAL	50 FEET
SHOT DEPTH	20 FEET
	INSTRUMENTS
SYSTEM	SAR-MAR
NO. OF CHS	24 (PLUS TAIL PT.)
FILTER	5-70 HZ LOW
SAMPLE INTERVAL	2 MS
RECORD LENGTH	6 SECONDS
	CHIEF
CHIEF	WINGMAN
CHIEF LOCATION	SAN FRANCISCO
CHIEF DATE	1979 OCT 29
CHIEF TO	MAC FREY
CHIEF ON SITE	MAC FREY
NUMBER OF SHOTS RECORDED	48

PROCESSING SEQUENCE AND PARAMETERS

1. DEMULTIPLEXING (INTERNAL) 1 MS
2. DESIGNATURE
   1. DECONVOLVED BEFORE STACK
      1. SPIKE DECONVOLUTION
         1. PREDICTIVE DECONVOLUTION
         LENGTH (MSECS) 2 (WHITE NOISE ADD 1%)
         PREDICTION DISTANCE (MSECS) 48
      2. WAVE STACK GAIN 3
      3. ZERO PHASE
      4. MEDIAN PREDICTIVE FILTER
      5. TIME VARIANT FILTER
         LATER BATCH (MSECS) 1.5 (180 HZ)
         1000 MS 18 DB
         1500 MS 24 DB
         2000 MS 36 DB
         2500 MS 48 DB
         TIME ZERO AFTER DIGITIZATION

SHOT DATE MAP 1979 — CDP DATE MAP 1979

LEGEND
INTERSECTING LINE
LATER DATE

HORIZONTAL SCALE
1 INCH = 1 MILE
1 INCH = 1 MILE

PROJECT CONDITIONS
RECORDING: 1 COMPRESSION PULSE PREDICTIVE NUMBER
PROCESSING: 1 COMPRESSION PULSE PREDICTIVE NUMBER
PROCESSING: 1 COMPRESSION PULSE PREDICTIVE NUMBER
DESIGNATURE
SPIKE DECONVOLUTION ON (PR. LEVEL) 0 DB
TIME DATA CORRECTION ON (PR. LEVEL) 0 MS
TIME DATA CORRECTION ON (PR. LEVEL) 0 MS
TOTAL PLANNED CORRECTION 0 MS
PLANNED DATUM: SEA LEVEL
PLANNED REDL: 1 MS

CHIEF GEOPHYSICIST