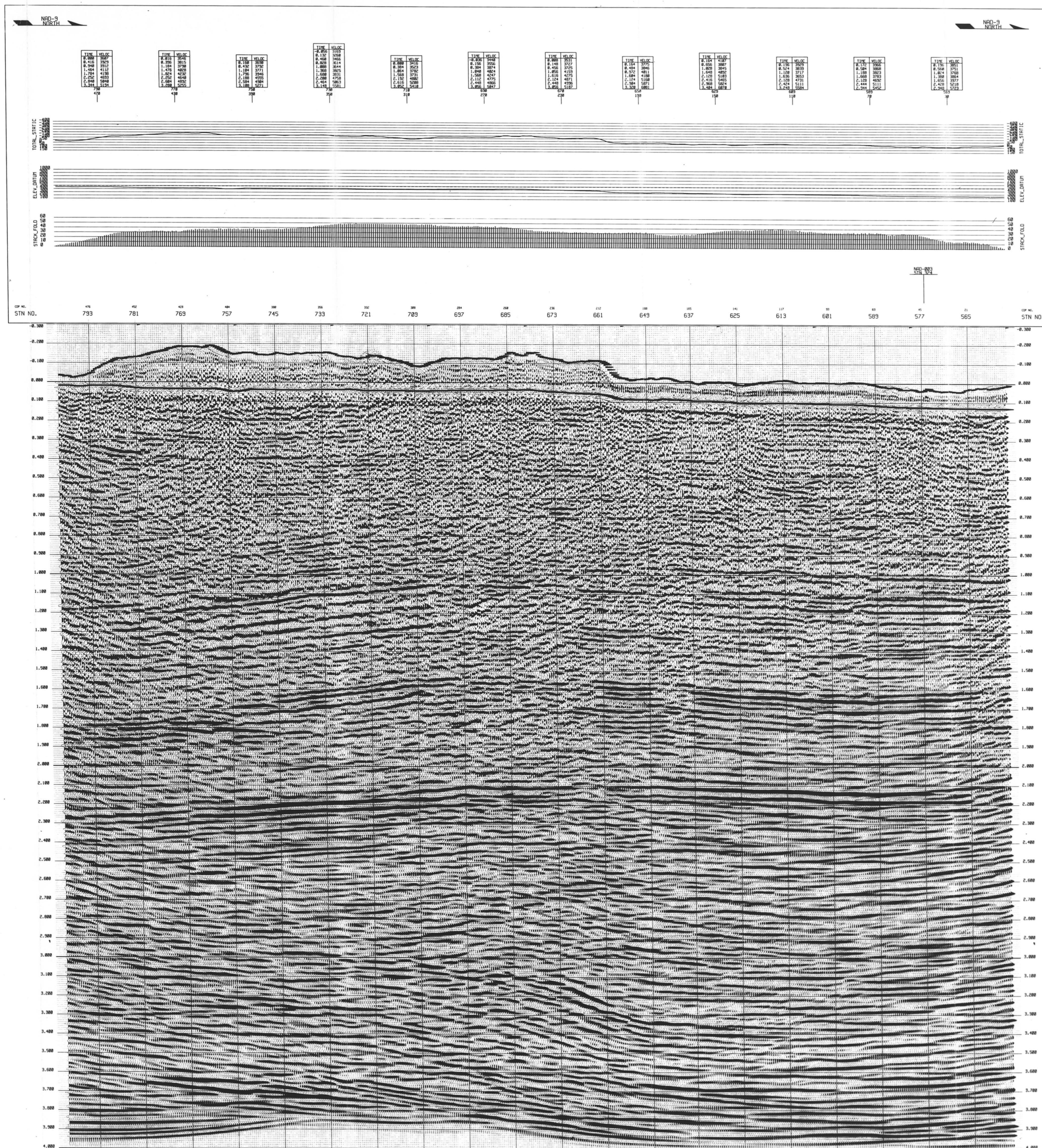




RANGER OIL LTD.

9229-B59-4E 11
FT. LIARD
LINE NAD-9
SPS: 554-799
PRE STACK MIGRATION

DISPLAY POLARITY
NORMAL

STATICS PARAMETERS
DATUM: 500 M REFL VEL: 4000 M/S

FIELD PARAMETERS
SHOT FOR: NORTHCOB - MARCH 1984
SHOT BY: SEFL GEOPHYSICAL LTD. - PARTY-581
INSTRUMENTS: GEOPHONES
INSTRUMENTS: TYPE: PARK L-15+ 10 HZ
S.C. 2 M5 LENGTH: 6 SEC
FILTER: 12-125 NOTCH OUT
GROUP LENGTH: 51 M
SOURCE: TYPE: DYNAMIC
CHARGE SIZE: 10 KG
CHARGE DEPTH: 10 M
NO. IN LINE: 1
SPREAD CONFIGURATION
TRACES: L-45-45-95 TRACE 1 NORTH
L-30-45-45-130W N

PROCESSED JANUARY 1986 BY
KELMAN SEISMIC
PROCESSING

PROCESSING SEQUENCE
DEMULTIPLY:
PROCESS SAMPLE RATE: 2.0 MS
PROCESS RECORD LENGTH: 4.0 SEC
AMPLITUDE RECOVERY:
CONVENTIONAL GAIN CURVE
TRACE EDITING
TRACE CORRELATION
FX FILTER
TYPE: SURFACE CONSISTENT SPREADING
DECONVOLUTION
TYPE: SURFACE CONSISTENT SPREADING
OPERATOR LENGTH: 80 MS
FREQUENCY: 1000 - 3000 MS AT 4000 MS
DESIGN DATE: 1986 - 10-01
OFFSET RANGE: 400 - 1500 M
FREQUENCY: 8 - 100 HZ
EQUILIZATION:
DESIGN DATE: SAME WINDOW AS DECON
STATISTICS (REFRACTION)
TYPE: SURFACE SHOT
FREQUENCY SPACING: 500 M
DATA ELEVATION: 500 M
GEOPHONIC VELOCITY: 700 M/SEC
REFRACTION VELOCITY: 4000 M/SEC
SORT:
TO COMMON DEPTH POINT
VELOCITY ANALYSIS:
TYPE: CONSTANT PERCENTAGE MOVEOUT
STATISTICS (RESIDUAL):
TYPE: AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW: 400 - 1000 MS
PRINTER SORT: 10
CORRELATING PER TRACE: 10
NUMBER OF TRACES: 2
VELOCITY ANALYSIS:
TYPE: CONSTANT PERCENTAGE MOVEOUT
STATISTICS (RESIDUAL):
TYPE: AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW: 400 - 1000 MS
PRINTER SORT: 10
CORRELATING PER TRACE: 10
NUMBER OF TRACES: 2
PRE-STACK MIG. VEL. ANALYSIS:
TYPE: CONSTANT PERCENTAGE MOVEOUT
FLUTE PATTERN:
DESIGN DATE: 1986 - 10-01
EQUILIZATION:
DESIGN DATE: 1986 - 10-01
FULL PRE-STACK MIGRATION:
TYPE: SURFACE SHOT
DATA REFERENCED TO PLUTED GATHERING REPLACES SURFACE
SPREADS AT SPOT AND RECEIVER
STACK:
TYPE: SURFACE SHOT
FREQUENCY: 10/15 - 50/100 HZ
FILTER:
EQUILIZATION:
DESIGN DATE: 1986 - 10-01
FINAL DISPLAY:

DISPLAY PARAMETERS
HORIZONTAL: 20.0 TRACES/INCH VERTICAL: 5 INCHES/SECOND
4000 M/SEC