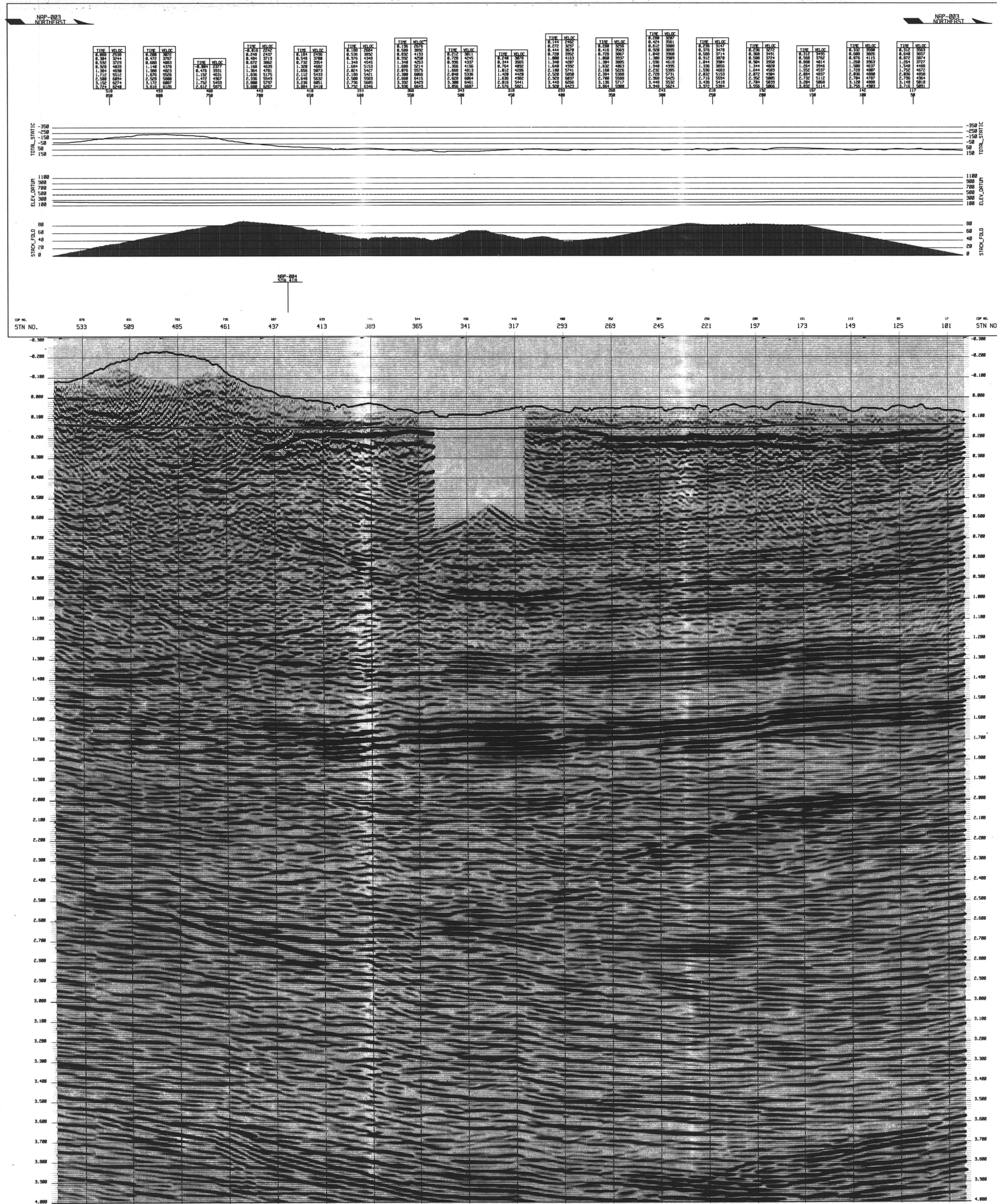




RANGER OIL LTD.

9229-B59-SE
FT. LIARD
LINE NAP-003
SPS: 93 - 547
PRE STACK MIGRATION

DISPLAY POLARITY
NORMAL

STATICS PARAMETERS
DATUM: 500 FT
REPL. VEL: 4000 M/S

FIELD PARAMETERS
SHOT FOR: RANGER OIL LTD., APRIL 1997
SHOT BY: GEO-PARLA, PART-1264
INSTRUMENTS: GEOPHONES
TIME/RECORD: 1.0 II
S.W. 2.2 FS, LENGTH: 5 SEC
FILTER: 3-125 NOTCH OUT
FORMAT: SEED
SOURCE: SPREAD
TYPE: VIBROSEIS
MODEL: 4.5 4
S.WEEP: 18-180 HZ
LENGTH: 12 SEC
FOLD: 8000 PCT
S.P. INT: 40 FT
GRP. INT: 20 FT
SPREAD CONFIGURATION
TRACES: 1-325 TRACE 1 NORTHWEST
3028.0 - 3028.0 FT

PROCESSED JULY 1997 BY
KELMAN SEISMIC
PROCESSING

PROCESSING SEQUENCE
DEMULTEPLEX: 2.0 FS
PROCESS RECORD LENGTH: 5.0 SEC
AMPLITUDE RECOVERY: EXPONENTIAL GAIN CURVE
TRACE EDITING: KEYPAD/KEYBOARD
PHASE COMPENSATION: TYPE: GEOPHONE
VIBROSEIS PHASE COMPENSATION: METHOD: CLUSTER UNWEIGHT TO MINIMUM PHASE
DECONVOLUTION: METHOD: SURFACE CONSISTENT SPREADING
TYPE: 18 FT
OPERATION LENGTH: 18 FT
PRESTATION LENGTH: 18 FT
DESIGN DATE: 1800 - 2000 FT AT 0.01 OFFSET
1800 - 2000 FT AT 0.01 OFFSET
OFFSET RANGE: 1800 - 2000 FT
PARTIAL SPECTRAL BALANCING: FREQUENCY: 18 - 180 HZ
EQUALIZATION: SPECTRUM: SINE WINDUP AS DECON
STATIC (REFRACTION): METHOD: 0.1
FREQUENCY SPREADING: 0.01 HZ
ORIGINAL ELEVATION: 0.01 HZ
REPLACEMENT VELOCITY: 4000 FT/SEC
SORT: TO COMMON DEPTH POINT
VELOCITY ANALYSIS: TYPE: CONSTANT PERCENTAGE REVEAL
STATISTICS (RESIDUAL): TYPE: AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW: 1800 - 2000 FT
PRESTATION LENGTH: 18 FT
NUMBER OF ITERATIONS: 15
VELOCITY ANALYSIS: TYPE: CONSTANT PERCENTAGE REVEAL
STATISTICS (RESIDUAL)-SECOND PASS: TYPE: AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW: 1800 - 2000 FT
PRESTATION LENGTH: 18 FT
NUMBER OF ITERATIONS: 15
PRE-STACK MIG. VEL. ANALYSIS: TYPE: CONSTANT PERCENTAGE REVEAL
NOTE PATTERN: DISTANCE: 400 040 3028 FT
TYPE: 1800 000 000 FT
FULL PRE-STACK MIGRATION: TYPE: SURFACE CONSISTENT
DATA REFERENCED TO PLATTED MEANTHRESHOLD SURFACE.
SPREADSHEET AT SHOT AND RECEIVER
STACK: S.WEEP: 18-180 HZ
FILTER: 3-125 NOTCH OUT
FREQUENCY: 18/15 - 45/15 HZ
EQUALIZATION: SPECTRUM: SINE WINDUP
FINAL DISPLAY: 1800 FT/SEC
1MM BLIP INCREMENT

DISPLAY PARAMETERS
HORIZONTAL: 40 TRACES/INCH
VERTICAL: 5 INCHES/SECOND
400 FT/INCH