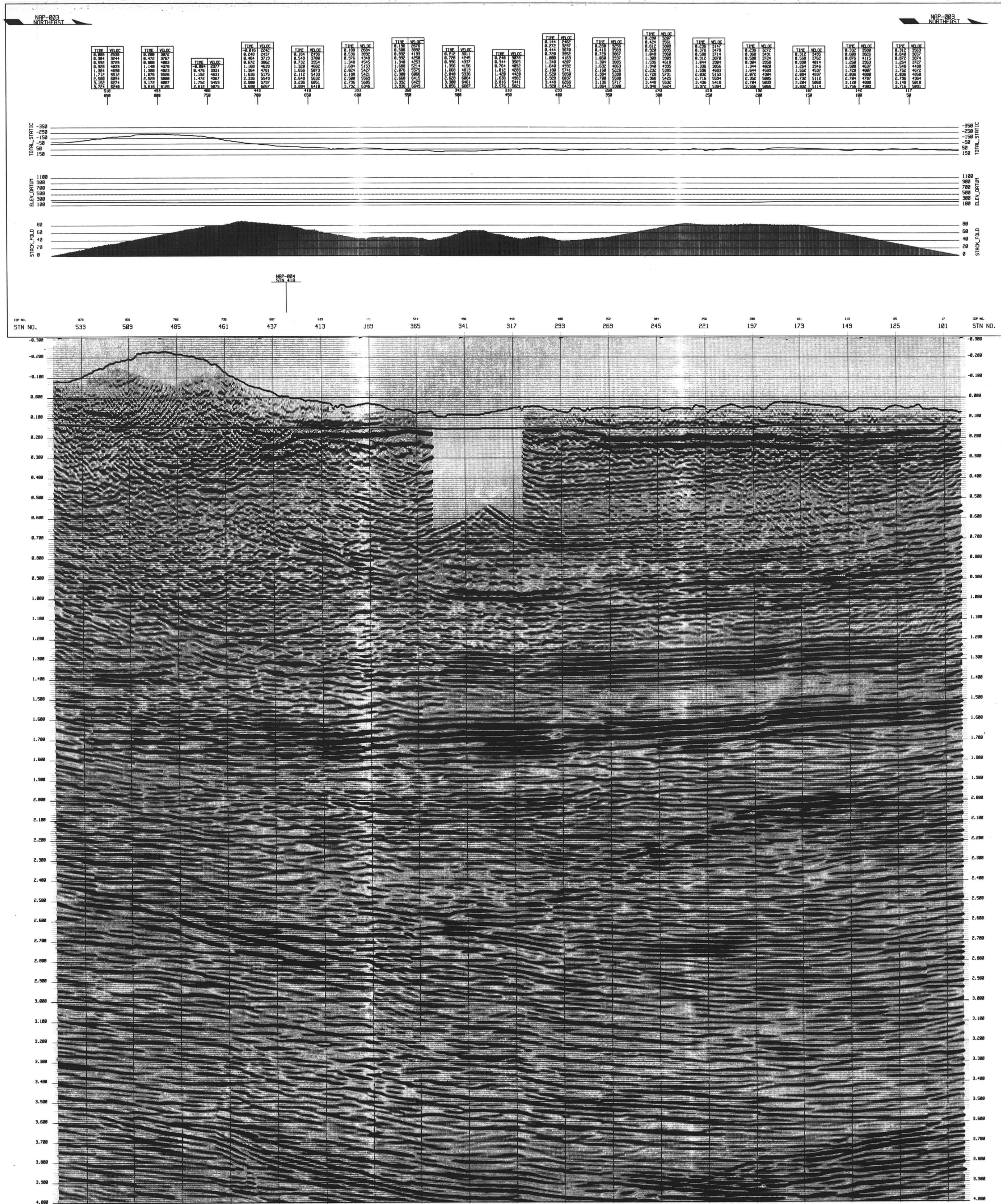




RANGER OIL LTD.

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

DISPLAY POLARITY  
NORMAL

STATICS PARAMETERS  
DATUM: 500 ft REFL VEL: 4000 m/s

FIELD PARAMETERS  
SHOT FOR: RANGER OIL LTD. - APRIL 1997  
SHOT BY: GED-PARKA - PARTY-1254  
INSTRUMENTS: GEOPHONES  
PULSE/RECORD: 1/3 11 TYPE: GTO 6500K, 10 HZ  
S.F.: 2.0 S. LENGTH: 5 SEC GROUP: 8.7  
FILTER: 3-135 NOTCH OUT NUMBER/GROUP: 9  
FORMAT: SEG-D GROUP LENGTH: 10 ft  
SOURCE: SPREAD  
TYPE: 1 VIBROSEIS FOLD: 1 6000 PCT  
MODE: 2 4 4 S.F. INT: 1 40 ft  
SHEEP: 1 10-100 HZ GRP. INT: 1 20 ft  
LENGTH: 1 10 SEC  
SPREAD CONFIGURATION  
TRACE 1 320 TRACES 1 NORTHEAST  
3200.0 3200.0 ft

PROCESSED JULY 1997 BY  
KELMAN SEISMIC  
PROCESSING

PROCESSING SEQUENCE  
DEMULTIPLEX 0.0 MS  
PROCESS RECORD LENGTH: 5.0 SEC  
APPLYTIME RECOVERY  
EXTRAPOLATE GAIN CURVE  
TRACE EDITING  
PHASE COMPENSATION  
TYPE: SCISSOR  
VIBROSEIS PHASE COMPENSATION  
METHOD: CLUSTER UNWEIGHT TO MINIMUM PHASE  
DECONVOLUTION  
TYPE: SURFACE CONSISTENT SPREADING  
SURFACE LENGTH: 80 ft  
PREHINTERING: 1.00  
VECTOR RATE: 400 - 2000 ft/s AT 0.00 OFFSET  
400 - 2000 ft/s AT 3200 ft/s AT 0.00 OFFSET  
400 - 1000 ft/s  
OFFSET RANGE:  
PARTIAL SPECTRAL BALANCING  
FREQUENCY: 10 - 100 HZ  
EQUALIZATION  
VECTOR RATE: SAME WINDOW AS DECON  
STATISTICS (REFRACTION)  
METHOD: BLI EVERY SHOT  
FREQUENCY SPACING: 500 ft  
DEPTH ELIMINATING: 700 ft/sec  
REPLACEMENT VELOCITY: 4000 ft/sec  
SURT  
TO CORRELATE DEPTH POINT  
VELOCITY ANALYSIS  
TYPE: CONSTANT PERCENTAGE REVEOUT  
STATISTICS (RESIDUAL)  
TYPE: AUTOMATIC SURFACE CONSISTENT  
CORRELATION WINDOW: 300 - 3000 ft/s  
PREHINTING: 10 - 10 ft/s  
CORRELATION FOR TRACES: 15  
NUMBER OF ITERATIONS: 2  
VELOCITY ANALYSIS  
TYPE: CONSTANT PERCENTAGE REVEOUT  
STATISTICS (RESIDUAL)-SECOND PASS  
TYPE: AUTOMATIC SURFACE CONSISTENT  
CORRELATION WINDOW: 300 - 3000 ft/s  
PREHINTING: 10 - 10 ft/s  
CORRELATION FOR TRACES: 15  
NUMBER OF ITERATIONS: 2  
PRE-STACK MIG. VEL. ANALYSIS  
TYPE: CONSTANT PERCENTAGE REVEOUT  
MUTE PATTERN  
TYPE: 400 500 3200 ft  
DISTANCE: 300 500 500 ft/s  
FULL PRE-STACK MIGRATION:  
TYPE: MUTE PATTERN  
DATA REFERENCED: TO PLATTED MUTE PATTERN SURFACE,  
SYNTHETICALLY AT SHOT AND RECEIVER  
STACK  
SPICE SUPPRESSION: 31 THRESHOLD  
FOLD: 10  
FILTER  
FREQUENCY: 10/15 - 45/95 HZ  
EQUALIZATION  
VECTOR WINDOW: 400 ft/s AC  
FINAL DISPLAY  
1000 BLIP INCREMENT

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