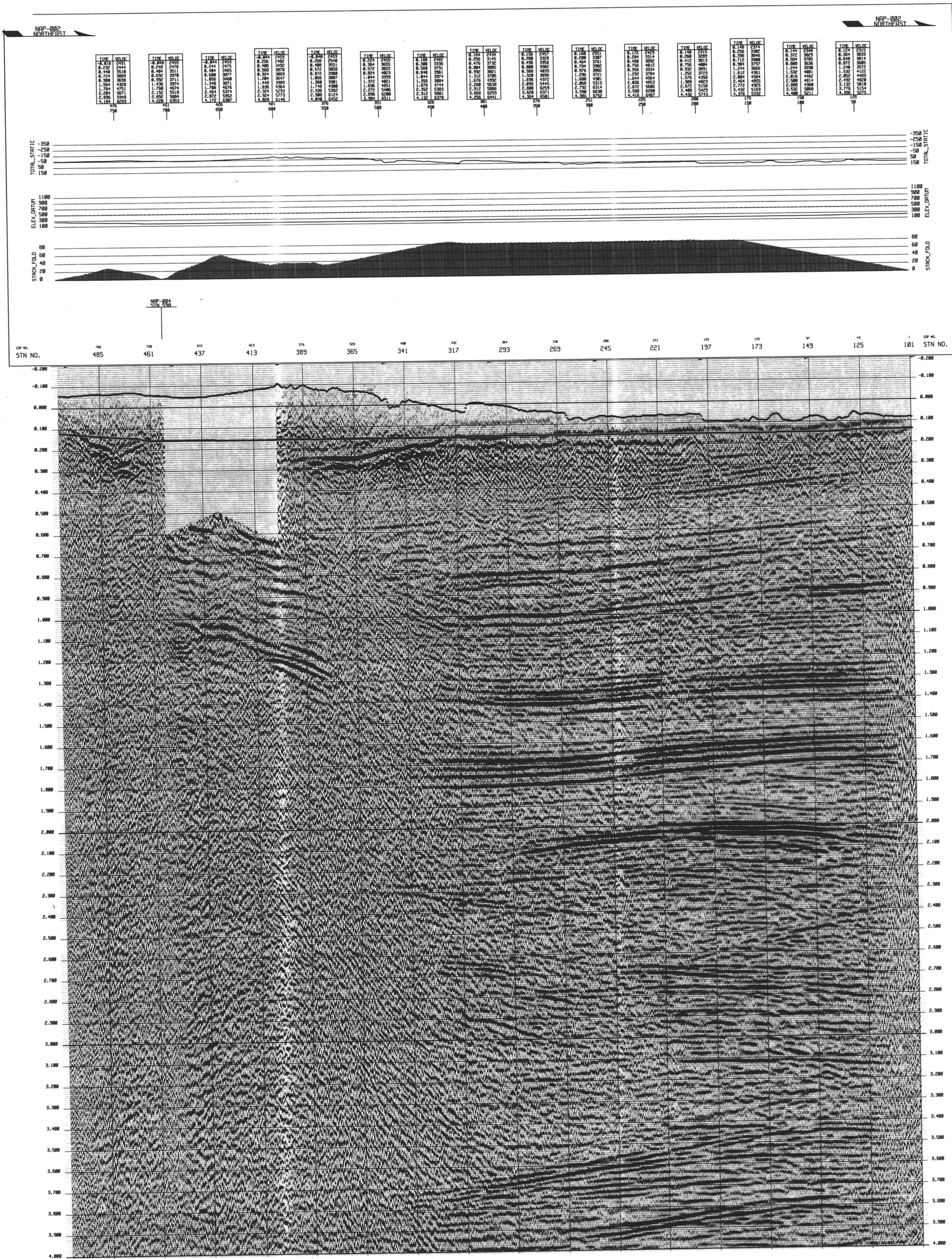




RANGER OIL LTD.
9229-B59-SE

FT. LIARD
LINE NAP-002
SPS: 101 - 505
STRUCTURE STACK

DISPLAY POLARITY
NORMAL

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

FIELD PARAMETERS
SHOT FOR: RANGER OIL LTD. - APRIL 1957
SHOT BY: SEC-PAROLA PART-1054
INSTRUMENTS: GEOPHONES
NAME/REEL: 170 II TYPE: 170 (S) 18 HZ
S. & L. 2 IN. LENGTH: 5 SEC GROUPING: 5
FILTER: 3-15 NOTCH OUT GROUP LETH: 20 M
SOURCE: VIBROSEIS FIELD : 6000 PCT
MODEL : 4 x 4 S. & L. INT : 40 M
SLEEP : 18-100 HZ GRP. INT : 20 M
LENGTH : 10 SEC

SPREAD CONFIGURATION
TRACES: 1-302 TRICE 1 NORTHWEST
3029.8-3228.0 M

PROCESSED JULY 1957 BY
KELMAN SEISMIC
PROCESSING

PROCESSING SEQUENCE
DETAILS:
PROCESS SAMPLE RATE: 2.0 MS
PROCESS RECORD LENGTH: 5.0 SEC
AMPLITUDE RECOVERY: HCT(PAROLDEXPRT) 10-1 10-0 10-2
EXPONENTIAL DATA CURVE:
TRACE EDITING:
PHASE COMPENSATION:
VIBROSEIS PHASE COMPENSATION:
METHOD: CLAMOR UNWIND TO MAXIMUM PHASE
DECONVOLUTION:
TYPE: SURFACE CONSISTENT SPREADING
TIME: 80 MS
OPERATION LENGTH: 100 MS
DESIGN DATE: 100 - 2000 MS AT 1000 OFFSET
1000 - 2000 MS AT 3000 OFFSET
OFFSET RANGE: 100 - 1000 M
PARTIAL SPECTRAL BALANCING:
FREQUENCY: 10 - 100 HZ
EQUALIZATION:
DESIGN DATE: SAME WINDOW AS DECON
STATICS (REFRACTION):
METHOD: SPREADING
DEPTH ELEVATION: 500 M
REPLACEMENT VELOCITY: 750 M/SEC
REPLACEMENT VELOCITY: 4000 M/SEC
SORT:
TO COMMON DEPTH POINT
VELOCITY ANALYSIS:
TYPE: CONSTANT PERCENTAGE MOVEOUT
STATICS (RESIDUAL):
TIME: AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW: 100 - 1000 MS
MAXIMUM SHIFT: +/- 50 MS
CORRELATION PER TRACE: 15
NUMBER OF ITERATIONS: 2
VELOCITY ANALYSIS:
TYPE: CONSTANT PERCENTAGE MOVEOUT
STATICS (RESIDUAL)-SECOND PASS:
TIME: AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW: 100 - 1000 MS
MAXIMUM SHIFT: +/- 10 MS
CORRELATION PER TRACE: 15
NUMBER OF ITERATIONS: 2
NORMAL MOVEOUT CORRECTION:
DATA REFERENCED TO PLATTED WEATHERING REPLACED SURFACE.
SEPARATELY AT SHOT AND RECEIVER
RATE PATTERN:
DISTANCE: 400 500 3000 M
TIME: 300 500 3000 MS
STACK:
SPINE SUPPRESSION: 0.1 THRESHOLD
PULSE:
FILTER: 18/15 - 45/25 HZ
FREQUENCY:
EQUALIZATION: 400 MS HZ
DECON WINDOW:
FINAL DISPLAY:
10M BLIP INCREMENT

DISPLAY PARAMETERS
HORIZONTAL: 40 TRACES/INCH VERTICAL: 5 INCHES/SECOND
4000 TV/INCH 4000 TV/INCH