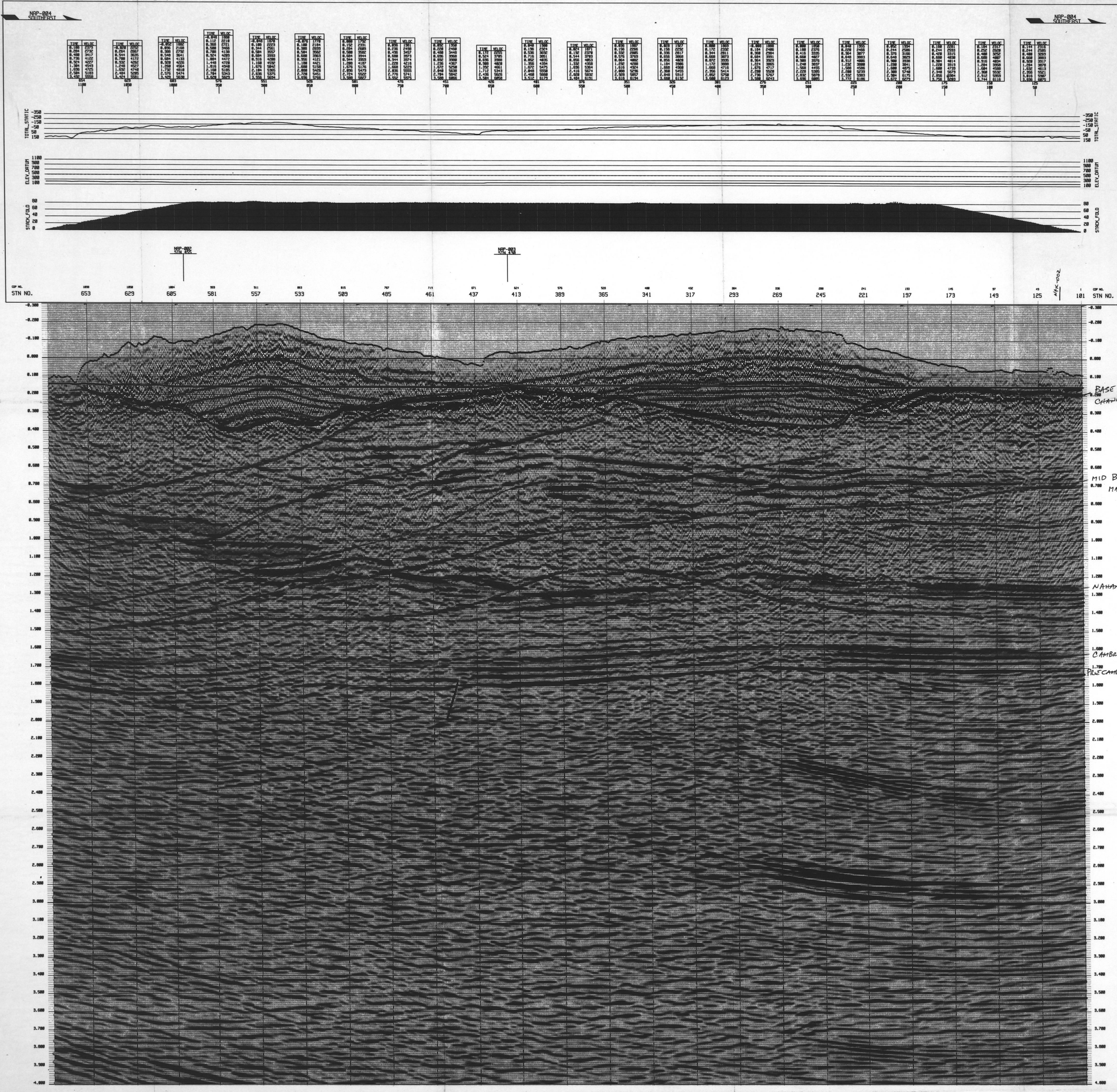




RANGER OIL LTD.

9229-B59-5E
FT. LIARD
LINE NAP-004
SPS: 101 - 674
POST STACK MIGRATION

DISPLAY POLARITY
NORMAL

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

FIELD PARAMETERS

SHOT FOR: RANGER OIL LTD. - APRIL 1987
SHOT BY: GEO-PARULA - PARTY-1254
INSTRUMENTS: GEOPHONES
WIRE MODEL: 1/0 11 TYPE: CTD 050004, 10 HZ
S.R. & F. LENGTH: 5 SEC OFFSHORE: 0.7
FILTER: 3-135 NOTCH OUT NUMBER/GROUP: 9
FORMAT: SEP-0 GROUP LENGTH: 20 ft
SOURCE: SPREAD
TYPE: VIBROSEIS FOLD: 0000 PCT
WELL: 4 ft S.P. INT: 40 ft
SHEEP: 18-100 HZ S.P. INT: 20 ft
LENGTH: 12 SEC

SPREAD CONFIGURATION
TRACKS: 1-323 TRACK 1 SOUTHERST
3228.8 ft 3228.8 ft

PROCESSED JULY 1987 BY
KELMAN SEISMIC
PROCESSING

PROCESSING SEQUENCE

DEMULTIPLEX
PROCESS WAVE
PROCESS RECORD LENGTH: 5.0 SEC
AMPLITUDE RECOVERY
EXPONENTIAL SINE CORRECT
TRACE EDITING
PHASE CORRECTION
TYPE: VIBROSEIS PHASE CORRECTION
METHOD: CLUSTER UNWIND TO REMAIN PHASE
RECONVOLUTION
TYPE: SURFACE CONSISTENT SPREADING
SPREAD LENGTH: 80 ft
PREWITTING: 1.00
1.00 - 2000 ft/s AT 1000 OFFSET
1.00 - 2000 ft/s AT 2000 OFFSET
1.00 - 1000 ft
OFFSET RANGE:
PARTIAL SPECTRAL BALANCING
FREQUENCY: 10 - 100 HZ
EQUALIZATION
DESIGN WAVE: SINE WAVE 100 HZ
STATISTICS (REFRACTION)
METHOD: SLI
FREQUENCY SPACING: EVERY SHOT
DEPTH ELONGATION: 500 ft
WATERING VELOCITY: 700 ft/sec
WATERING VELOCITY: 4000 ft/sec
SORT
TO CORRECT DEPTH POINT
VELOCITY ANALYSIS
TYPE: CONSTANT PERCENTAGE VELOCITY
STATISTICS (RESIDUAL)
TYPE: AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW: 300 - 500 ft
PRELIMINARY SORT: 10 - 10 ft
CORRELATIONS PER TRACK: 25
NUMBER OF ITERATIONS: 5
VELOCITY ANALYSIS
TYPE: CONSTANT PERCENTAGE VELOCITY
STATISTICS (RESIDUAL)-SECOND PASS
TYPE: AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW: 300 - 500 ft
PRELIMINARY SORT: 10 - 10 ft
CORRELATIONS PER TRACK: 25
NUMBER OF ITERATIONS: 5
NORMAL VELOCITY CORRECTION:
DEPTH CORRECTED TO PLATTED SURFACE REPLACES SURFACE.
SURFACES AT SHOT AND RECEIVER
ROUTE PATTERN
DISTANCE: 400 500 500 ft
TIME: 100 500 500 ft
STACK
SPICE SUPPRESSION: 0.1 THRESHOLD
FOLD: 50
DILATION
TYPE: KIRCHOFF SURVEILLANCE
WELL: 100 FT SHOWN SURVEILLANCE
FILTER
FREQUENCY: 10/15 - 45/75 HZ
EQUALIZATION
DESIGN WAVE: 100 ft/sec
FINAL DISPLAY
100 ft/sec INCREMENT

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

TRIATHLON

PROJ. NO. 9229 B59 5E

LINE NO. NAP-4

PART NO. 1 OF 1

h.h. 0x