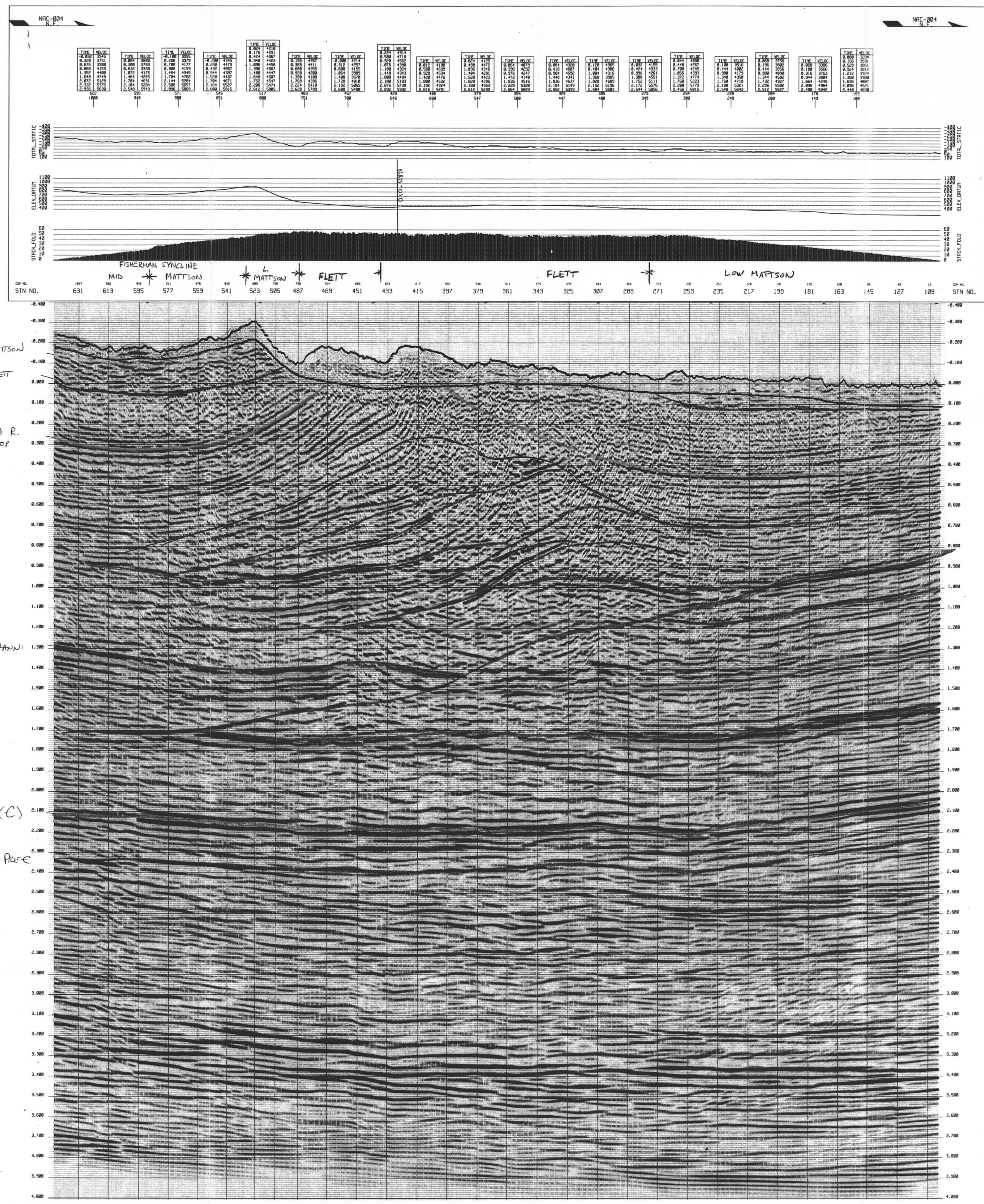


INTERPRETED SECTION
JRS - RANGER OIL OCT/94



L. MATTSO
FLETT
BESA R.
TOP
NATHANJ
PRE-DEV (C)
PRE-E

RANGER OIL LTD.

FT. LIARD
LINE NAC-004
SPS: 105-647
PRE STACK MIGRATION

DISPLAY POLARITY
NORMAL

STATICS PARAMETERS
DATUM: 500 N REPL VEL: 4000 M/S

FIELD PARAMETERS
SHOT FOR: RANGER OIL LTD. AUGUST, 1995
SHOT BY: SCHLUMBERGER GEO-PARALLA PARTY-1287
INSTRUMENTS: GEOPHONES
DATE/MODEL: 1/0 SYSTEM 2
S-E: 150 LENGTH: 10 SEC
FILTERS: 3/12-135 NOTCH OUT
FORMAT: SEC-4
SOURCE: TYPE: TOWHEAD
CHARGE SIZE: 20 KG
CHARGE DEPTH: 20 FT
NO. IN LINE: 1
SPREAD CONFIGURATION
THREES: 1-300-4-301-500 THREES: 1 N.E.
4507.5-22.5-4-22.5-4507.5 N.

PROCESSED NOVEMBER 1995 BY
KELMAN SEISMIC
PROCESSING

PROCESSING SEQUENCE
DEMULIPLERS
PROCESS SAMPLE RATE: 2.0 MS
PROCESS RECORD LENGTH: 4.0 SEC
AMPLITUDE RECOVERY:
EXPONENTIAL GAIN CURVE
TRACE EDITING
PHASE CORRECTION
TYPE: INSTRUMENT AND GEOPHONE
FX FILTER
INDEPENDENT
FOR CALCULATION OF DECONVOLUTION
OPERATIONS ONLY
DECONVOLUTION
TYPE: SURFACE CONSISTENT SPLITTING
OPERATION LENGTH: 80 MS
DECON DATE: 10
700 - 2500 MS AT 20N OFFSET
1000 - 2500 MS AT 200N OFFSET
OFF SET RANGE:
PARTIAL SPECTRAL BALANCING
FREQUENCY: 0 - 100 HZ
EQUALIZATION:
DECON DATE: SAME WINDOW AS DECON
METHOD: SLS
FREQUENCY SPLITTING: EVERY SHOT
OUTPUT ELEVATION: 500 N
NORMALIZATION VELOCITY: 100 M/SEC
4000 F0/SEC
SORT:
TO CORRELATE WITH POINT
VELOCITY ANALYSIS:
TYPE: CONSTANT PERCENTAGE MOVEOUT
STATISTICS (RESIDUAL):
TYPE: AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW: 400 - 600 MS
MAXIMUM SHOTS: 15
CORRELATIONS PER TRACE: 15
NUMBER OF ITERATIONS: 2
VELOCITY ANALYSIS:
TYPE: CONSTANT PERCENTAGE MOVEOUT
STATISTICS (RESIDUAL): SECOND PASS
CORRELATION WINDOW: 400 - 600 MS
MAXIMUM SHOTS: 15
CORRELATIONS PER TRACE: 15
NUMBER OF ITERATIONS: 2
PRE-STK MIG. VEL. ANALYSIS:
TYPE: CONSTANT PERCENTAGE MOVEOUT
MUTE PATTERN:
DISTANCE: 250 450 1000 5000 N
TIME: -500 200 700 1500 MS
EQUALIZATION:
DECON WINDOW: 500 MS REC
FULL PRE-STACK MIGRATION:
TYPE: SURFACE CONSISTENT SPLITTING
DATA REFERENCED TO PLATED SURFACE
SEPARATELY AT SHOT AND RECEIVER
STRETCH:
SPINE SUPPRESSION: SLS THRESHOLD
F0/0
FILTERS:
FREQUENCY: 0/13 - 50/50 HZ
EQUALIZATION:
DECON WINDOW: 500 MS REC
FINAL DISPLAY:
1MT BLIP INCREMENT

DISPLAY PARAMETERS
HORIZONTAL: 40 THREES/INCH VERTICAL: 5 INCHES/SECOND