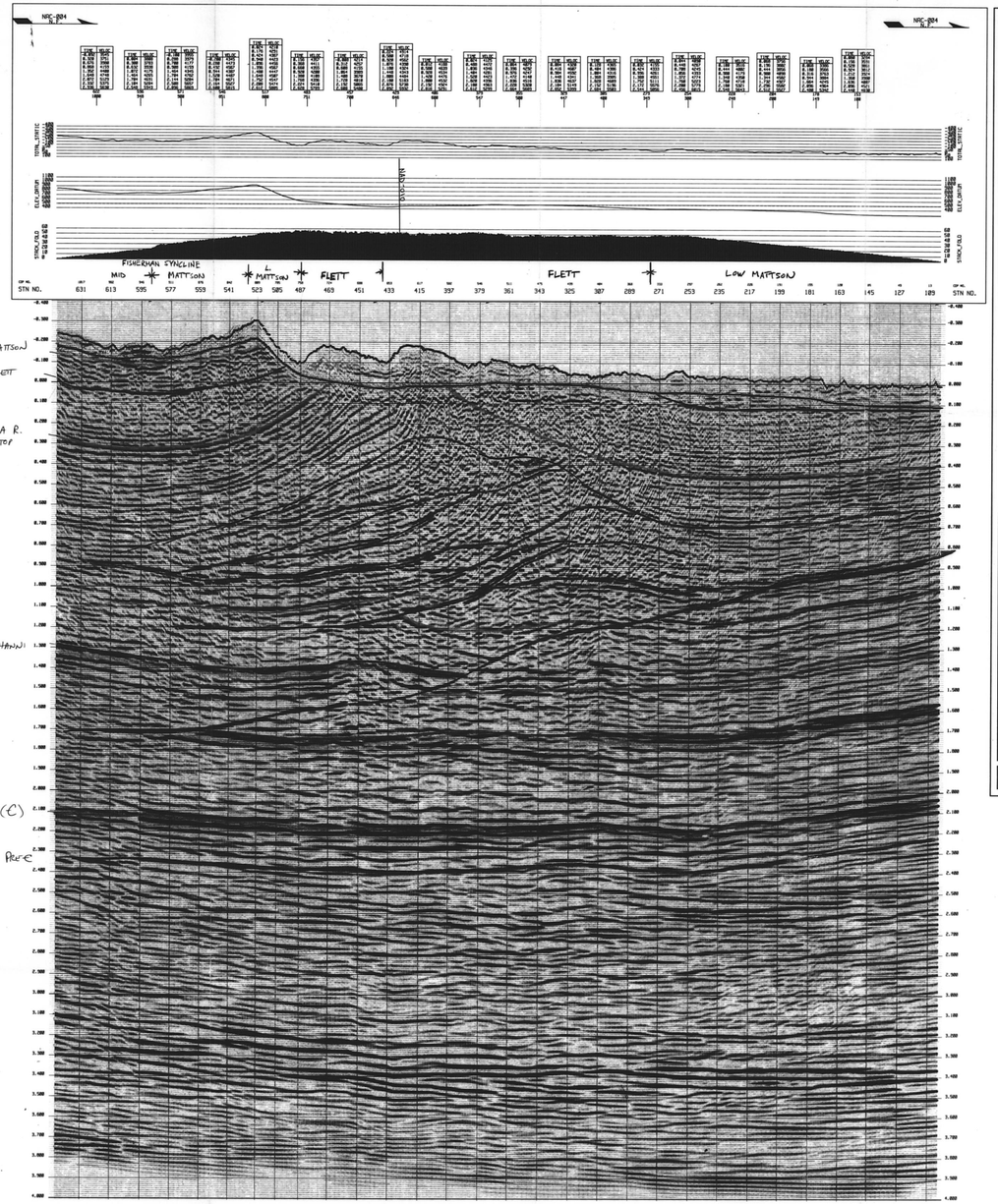
9229-B59-2E

INTERPRETED SECTION

JRS - RANGER OIL OCT/96



RANGER OIL LTD.

FT. LIARD

LINE NAC-004
SPS: 105-647

PRE STACK MIGRATION

DISPLAY POLARITY
NORMAL

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

FIELD PARAMETERS

SHOT FOR: RANGER OIL LTD. AUGUST, 1996
SHOT BY: CALGARY/RANGER GEOS-PRAIRIE, PARTY=1267

INSTRUMENTS:	GEOPHONES:
MAKE/MODEL: 1/2 SISTER Z	MAKE/MODEL: SM DX, 10 HZ
N.A.C.D.D. LENGTH: 10 SEC	GROUPING: 8x2
FILTER: 3/16-175 NOTCH OUT	NUMBER/GROUP: 12
SAMPLE: 0612-0	GROUP LENTH: 15 M
SOURCE:	SPREAD:
TYPE: DYNAMITE	STYLE: 48
CHARGE SIZE: 28 KG.	SHOT POINT INT: 50 M.
CHARGE DEPTH: 28 M.	GROUP INT: 15 M.
NO. PALINE: 1	

SPREAD CONFIGURATION
TRACES: 1-300-4-301-600 (TRACE 1 N.E.
#SHT.3-22.5-4-22.5-#SHT.3 N.

PROCESSED NOVEMBER 1996 BY

KELMON SEISMIC PROCESSING

PROCESSING SEQUENCE

DEMULTIPLEX:
PROCESS SAMPLE RATE: 2.0 MS
PROCESS RECORD LENGTH: 4.0 SEC
AMPLITUDE RECOVERY:
EXPONENTIAL DATA GAIN: RCT(PWR)EXP(EXP(0.0+1.0*MS*MS))
TRACE EDITING
STATIC CORRORATION
TYPE: INSTRUMENT AND GEOPHONE
FK FILTER
TRANSFORMATI: FOR CALCULATION OF DECONVOLUTION OPERATORS ONLY
DECONVOLUTION
TYPE: SURFACE CONSISTENT SPACING
OPERATOR LENGTH: 80 MS
PREDICTION: 16 MS
DESIGN GATE: 700 - 2500 MS AT FOR OFFSET
1000 - 2500 MS AT 8000M OFFSET
OFFSET RANGE: 0 - 8000 M
PARTIAL SPECTRAL BALANCING
FREQUENCY: 0 - 100 HZ
EQUALIZATION:
DESIGN GATE: SAME WINDOW AS DECON
STATICS (REFRACTION)
TYPE: ELI
FREQUENCY SPACING: EVERY SHOT
DATUM ELEVATION: 500 M
REFRACTOR VELOCITY: 4000 M/SEC
REPLACEMENT VELOCITY: 4000 M/SEC
SORT:
TO COMMON DEPTH POINT
VELOCITY ANALYSIS: CONSTANT PERCENTAGE REMOVAL
STATICS (RESIDUAL):
TYPE: AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW: 400 - 2000 MS
CORRELATIONS PER TRACE: 24 - 48 TR
CORRELATIONS PER TRACE: 24
NUMBER OF ITERATIONS: 2
VELOCITY ANALYSIS: CONSTANT PERCENTAGE REMOVAL
STATICS (RESIDUAL): SECOND PASS
TYPE: AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW: 400 - 2000 MS
CORRELATIONS PER TRACE: 24 - 48 TR
CORRELATIONS PER TRACE: 24
NUMBER OF ITERATIONS: 2
PRE-STK MIG. VEL. ANALYSIS: CONSTANT PERCENTAGE REMOVAL
MUTE PATTERN:
DISTANCE: 2500 MSEC 10000 SAMP. M
TIME: -1000 2000 7000 10000 MS
EQUALIZATION:
DESIGN WINDOW: 500 MS MAC
FULL PRE-STACK MIGRATION:
TYPE: KIRCHHOFF SUMMATION
DATUM REFERENCED: TO FLATTED ABOVEMOVING REPLACED SURFACE.
VELOCITY: FROM SHOT AND RECEIVER
STACKS:
TRACE SUPRESSION: 3:1 THRESHOLD
FILTER: 50
FILTER:
FREQUENCY: 8/13 - 58/59 HZ
EQUALIZATION:
DESIGN WINDOW: 500 MS MAC
FINAL DISPLAY:

1MS BLIP INCREMENT

DISPLAY PARAMETERS
HORIZONTAL: 48 TRACES/INCH VERTICAL: 5 INCHES/SECOND

TRIATHLON PROJ. NO. 9229 B59 4E

LINE NO. NAC-4

PART NO. 1 OF 1

R.R. 10X