

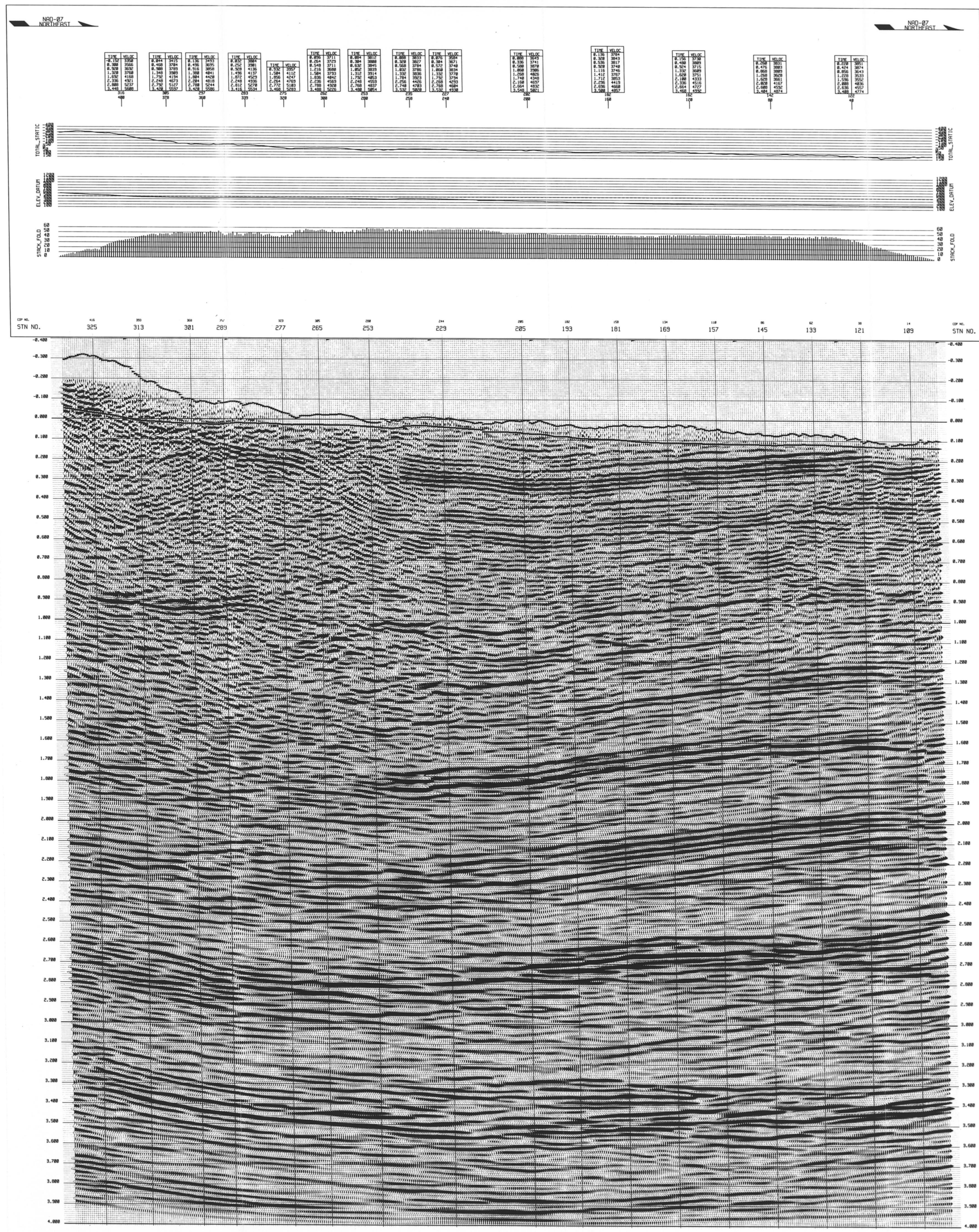
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PROJ. NO. 9 2 2 9 - B 5 9 - 4 E

LINE NO. N A D - 0 7

PART NO. 1 OF 1

R.R. 8X



RANGER OIL LTD.

9229-B59-4E
FT. LIARD
LINE NAD-07
SPS: 332-103
PRE STACK MIGRATION

DISPLAY POLARITY
NORMAL

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

FIELD PARAMETERS
SHOT FOR: NORTHERN - MARCH 1984
SHOT NO: 5011 GEOPHYSICAL LTD. 1 PART-501
INSTRUMENTS: TYPE: MARK 1-15A 18 HZ
S-E 1-15 15 LENGTH: 6 SEC
FILTER: 12-15 NOTCH OUT
FORMAT: SEC 8
SOURCE: TYPE: DYNALITE
CHARGE SIZE: 6 KG. VARIES
CHARGE DEPTH: 5 FT. VARIES
NO. IN LINE: 1
SPREAD CONFIGURATION
TRACKS: 1-40-43-56 TRACE 1 NORTHERN
150-40-43-1500 N

PROCESSED APRIL 1996 BY
KELMAN SEISMIC
PROCESSING

PROCESSING SEQUENCE
DEMULTEPLEX
PROCESS: SHOT
PROCESS: RECORD LENGTH
APPL: REC RECOVERY
EXPONENTIAL GAIN CURVE
TRACE EDITING
PHASE CORRECTION
TYPE: INSTRUMENT AND GEOPHONE
DECONVOLUTION
TYPE: SURFACE CONSISTENT DECONV
APPROXIMATE LENGTH: 60 SEC
DESIGN GATE: 100 - 1500 MS AT 400 OFFSET
1000 - 3000 MS AT 1500 OFFSET
OFFSET RANGE: 100 - 1500 N
PARALLEL SPECTRAL BALANCING
EQUALIZATION
DESIGN GATE: 5 - 120 HZ
SPE VANDER HOF DECON
STATISTICS (REFRACTION)
TYPE: G-1
METHOD: SPREAD
DATA: SHOT
DATA: ELEVATION
MEASUREMENT VELOCITY: 750 M/SEC
REPLACEMENT VELOCITY: 4000 M/SEC
SOFT
TO CORRECT DEPTH POINT
VELOCITY ANALYSIS
TYPE: CONSTANT PERCENTAGE MOVEOUT
CORRELATION WINDOW: AUTOMATIC SURFACE CONSISTENT
ANALYST SHIFT: 000 - 3000 MS
CORRELATIONS PER TRACE: +/- 32 MS
NUMBER OF TIERING: 15
VELOCITY ANALYSIS
TYPE: CONSTANT PERCENTAGE MOVEOUT
CORRELATION WINDOW: AUTOMATIC SURFACE CONSISTENT
ANALYST SHIFT: 000 - 3000 MS
CORRELATIONS PER TRACE: +/- 16 MS
NUMBER OF TIERING: 15
PRE-STK MIG. VEL. ANALYSIS
TYPE: CONSTANT PERCENTAGE MOVEOUT
CORRELATION WINDOW: 400 400 1500 3000 N
ANALYST SHIFT: 000 400 1500 3000 N
EQUALIZATION
DESIGN WINDOW: 500 MS REC
FULL PRE-STACK MIGRATION
TYPE: RECONSTRUCTED TO PLATEAU GEOPHONING REPLACES SURFACE
SEPARATELY BY SHOT AND RECEIVER
STACK
TYPE: 3:1 THRESHOLD
FILTER
REQUENCY: 18/15 - 45/55 HZ
EQUALIZATION
DESIGN WINDOW: 600 MS REC
FINAL DISPLAY
100 BLIP INCREMENT

DISPLAY PARAMETERS
HORIZONTAL: 20.0 INCHES/INCH VERTICAL: 5 INCHES/SECOND
400 IN/INCH 400 IN/INCH