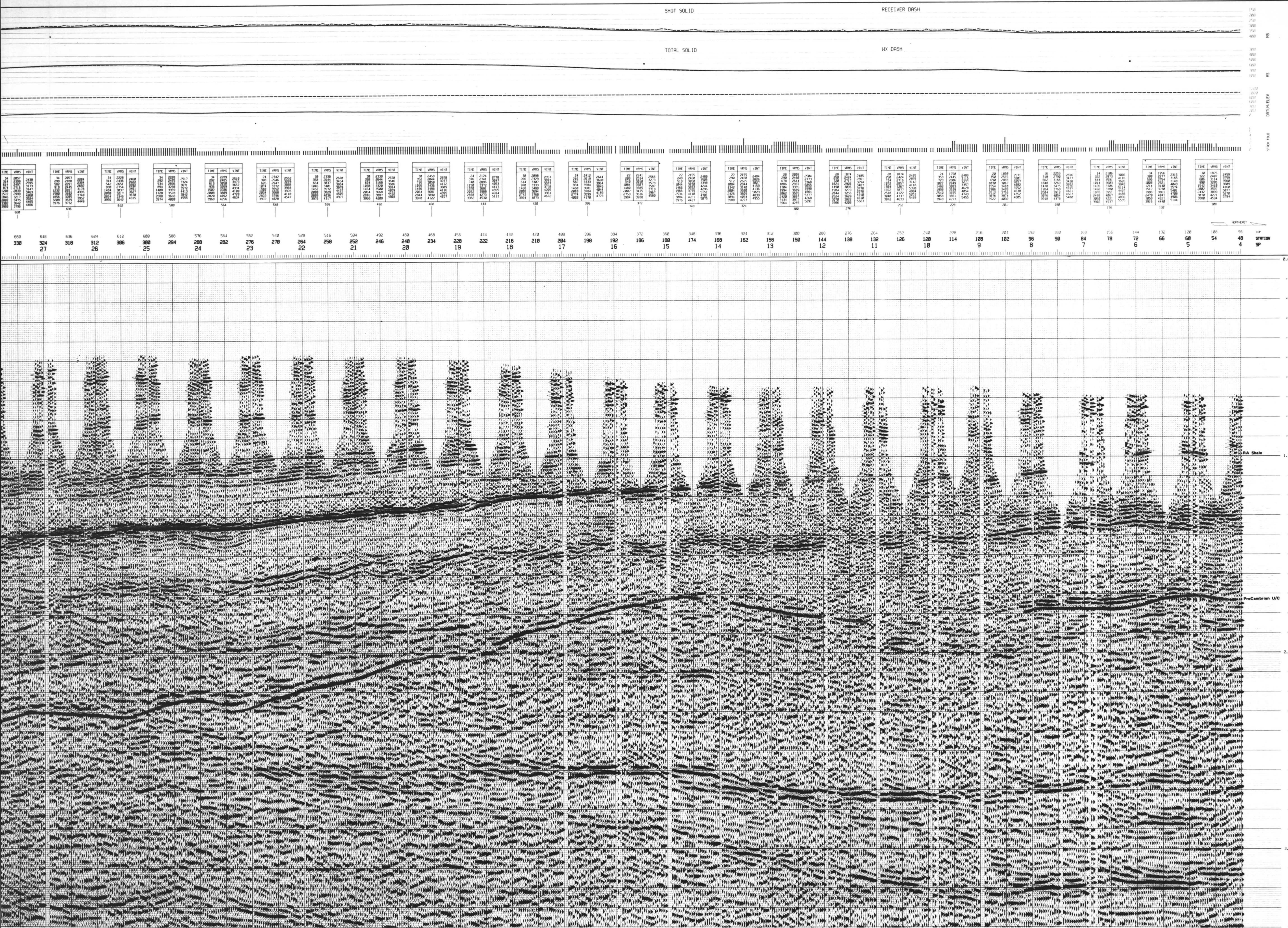






NORTHROCK RESOURCES
9227-N46-1DA

AREA: TERTIARY CREEK
NORTHWEST TERRITORIES
LINE: 119A
SP'S: 4-29
STATIONS: 48-348


MIGRATED STACK
FOLD 100%
POLARITY: NORMAL

RECORDING PARAMETERS

RECORDED BY: RAY GEOPHYSICAL
DATE: MARCH 1984
INSTRUMENT TYPE: N/A
CHANNELS PER SHOT: 4
SAMPLE RATE: 4 SECONDS
RECORD LENGTH: N/A
RECORDING FILTER: SEC 1
DIGITIZED TIME FORMAT: N/A

SOURCE
TYPE: DYNAMITE
SOURCE INTERVAL: 67 M
SHOT DEPTH: 15 M
DIAMETER OF HOLES: 9 IN
CHARGE SIZE: N/A

GEOPHONES
GEOPHONE TYPE: N/A
FREQUENCY: N/A
ARRANGEMENT: 6 OVER 38 M
SPACING CONFIGURATION: N/A

TR-01
804 M

TR-12
67 M

TR-24
67 M

TR-34
804 M

PROCESSING PARAMETERS

REPORT
EDITING
EXPONENTIAL DIVERGENCE CORRECTION
DECONVOLUTION

TYPE: SURFACE CONSISTENT
OPERATOR LENGTH: 300 MS
NEAR DESIGN WINDOW: 200-2000 MS
FAR DESIGN WINDOW: 1000-2000 MS
PREHIGHLIGHTING: 0.05%

DECONVOLUTION
TYPE: TIME-VARIANT ZERO PHASE
FIRST NEAR DESIGN WINDOW: 200-2000 MS
FIRST FAR DESIGN WINDOW: 1000-2000 MS
SECOND NEAR DESIGN WINDOW: 1000-2000 MS
SECOND FAR DESIGN WINDOW: 1000-2000 MS
DESIGN BANDWIDTH: 0.12-90.105 HZ

REFRACTION STATISTICS
DATUM ELEVATION: 1100 M
REPLACEMENT VELOCITY: 3000 M/SEC

VELOCITY ANALYSIS
FIRST PASS OF SURFACE CONSISTENT RESIDUAL STATISTICS
WINDOW: 500-3000 MS

EDITING
DIP MOVEOUT APPLICATION
RESIDUAL VELOCITY ANALYSIS
SECOND PASS OF SURFACE CONSISTENT RESIDUAL STATISTICS
WINDOW: 500-3000 MS

APPLICATION OF FINAL FILTER
300 H - 0 MS
300 H - 400 MS
300 H - 600 MS
1000 H - 1000 MS

COP STACK 100%
FINITE DIFFERENCE MIGRATION
SORT OF STACKING VELOCITIES
BANDPASS FILTER
0-1500 HZ 10-17-400 70 HZ
3000-4000 HZ 10-17-40 50 HZ
TRACE EQUALIZATION 500 MS RAC

QUALITY CONTROL: DS
DATE: OCTOBER 2000

DISPLAY PARAMETERS:
12 TRACES PER INCH
7.5 INCHES PER SECOND
POLARITY: NORMAL

ECLIPSE
SEISMIC PROCESSORS INC.

