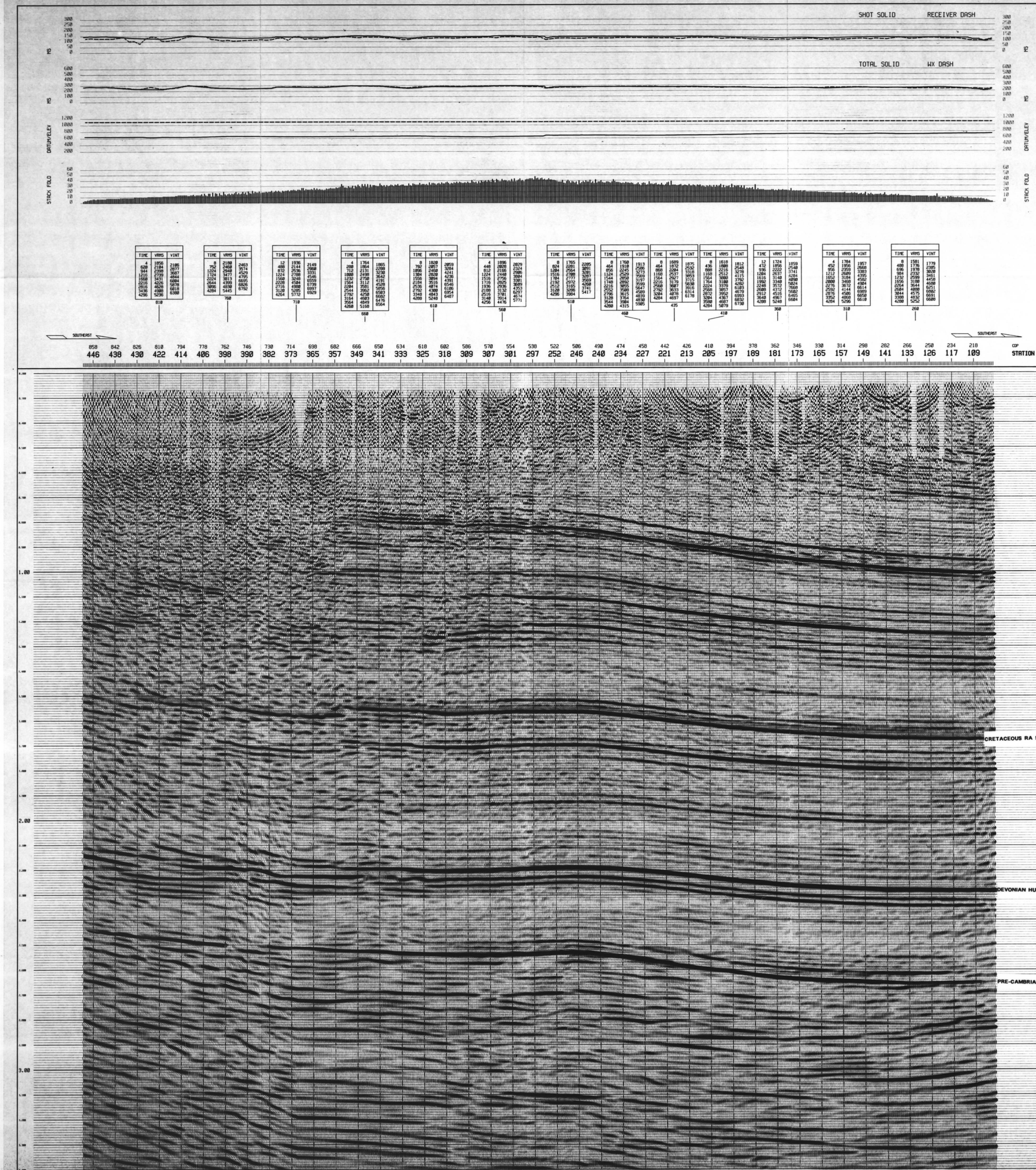






NORTHROCK RESOURCES
9229-N46-2E

AREA: TERTIARY CREEK EL-397
NORTHWEST TERRITORIES
LINE: 2001-TERT-007
SP'S: 101-451

SOUTHEAST

PRE-STACK MIGRATION
FOLD 2200%
POLARITY: NORMAL

RECORDING PARAMETERS

RECORDED BY: N/A
DATE: MARCH 2001
INSTRUMENT TYPE: 50388
CHANNELS: 168 SHOT
SAMPLE RATE: 4 SECONDS
RECORD LENGTH: 1.5 MIN
RECORDING FILTER: HIGH CUT 0.5 NYQ LINEAR
SEG-D

TAPE FORMAT: SOURCE

TYPE: DYNAPITE
STATION INTERVAL: 20 M
SHOT DEPTH: 10 M
CHARGE SIZE: 3 KG

GEOPHONES

GEOPHONE TYPE: SENSOR SH24 HARSH
FREQUENCY: 10 HZ
ARRAY: 6 OVER 20 M

SPREAD CONFIGURATION

TR-01 X TR-351
STN 101 STN 451

SHOT ROLLED THROUGH STATIONARY SPREAD
NO GPP

PROCESSING PARAMETERS

REFORMAT

APPLICATION OF CROOKED LINE GEOMETRY
SPHERICAL AND EXPONENTIAL DIVERGENCE CORRECTION

EDITING

GEOPHONE PHASE COMPENSATION

DECONVOLUTION

TYPE: SURFACE CONSISTENT
OPERATOR LENGTH: 180 MS
NEAR DESIGN WINDOW: 150-2500 MS
FAR DESIGN WINDOW: 2500-3700 MS (AT 6400 M)
PREWHITENING: 0.1%

DECONVOLUTION

TYPE: TIME-VARIANT SPECTRAL BALANCE
FIRST NEAR DESIGN WINDOW: 150-1000 MS
FIRST FAR DESIGN WINDOW: 2500-3500 MS (AT 6400 M)
SECOND NEAR DESIGN WINDOW: 900-2500 MS
SECOND FAR DESIGN WINDOW: 2700-3500 MS (AT 6400 M)
THIRD NEAR DESIGN WINDOW: 2100-3500 MS
THIRD FAR DESIGN WINDOW: 3000-3700 MS (AT 6400 M)
DESIGN BANDWIDTH: 0.12-110.125 HZ

REFRACTION STATISTICS

DATA: ELEVATION: 1100 M
REPLACEMENT VELOCITY: 3000 M/SEC

FIRST VELOCITY ANALYSIS

FIRST PASS OF SURFACE CONSISTENT RESIDUAL STATICS

MAXIMUM STATIC SHIFT: 30 MS
WINDOW: 600-2700 MS

SECOND VELOCITY ANALYSIS

EDITING

SECOND PASS OF SURFACE CONSISTENT RESIDUAL STATICS

MAXIMUM STATIC SHIFT: 15 MS
WINDOW: 600-2700 MS

THIRD PASS OF SURFACE CONSISTENT RESIDUAL STATICS

MAXIMUM STATIC SHIFT: 11 MS
WINDOW: 600-2700 MS

MIGRATION VELOCITY ANALYSIS

BANDPASS FILTER

0-1200 HZ: 0.12-75.05 HZ
1600-4000 HZ: 0.12-50.00 HZ

KIRCHHOFF MIGRATION

VELOCITY ANALYSIS

APPLICATION OF FINAL MUTE

240 M - 0 MS
370 M - 300 MS
1050 M - 1400 MS
2600 M - 2400 MS
6500 M - 3400 MS

CIP STACK: 2200%

BANDPASS FILTER

0-1200 HZ: 0.12-75.05 HZ
1600-4000 HZ: 0.12-50.00 HZ

TRACE EQUALIZATION

500 MS SEC

QUALITY CONTROL: D.S.

DATE: APRIL 2001

DISPLAY PARAMETERS

24 TRACES PER INCH
7.5 INCHES PER SECOND
POLARITY: NORMAL

ECLIPSE
SEISMIC PROCESSORS INC.