



AREA: TERTIARY CREEK EL-397
NORTHWEST TERRITORIES
LINE: 2001-TERT-003
SP *S: 101-585

PRE-STACK MIGRATION
FOLD 3000%
POLARITY: NORMAL

RECORDING PARAMETERS

RECORDING INFORMATION
RECORDED BY: WRT
INSTRUMENT TYPE: 24500
CHANNELS PER SPOT: 2
SAMPLE RATE: 2 HZ
RECORDING FILTER: LOW CUT 0.5 NYQ LINEAR
SEG-D

TRACE EXPLORATION
WRT
MARCH 2001
24500
2 HZ
LOW CUT 0.5 NYQ LINEAR
SEG-D

TAPE FORMAT
SOURCE
TYPE: DYNAMITE
SOURCE INTERVAL: 160 M
STATION INTERVAL: 15 M
FINGER SIZE: 3 KG

GEOPHONES
GEOPHONE TYPE: SENSO 5124 HARSH
FREQUENCY: 10 HZ
SPREAD CONFIGURATION: 6 OVER 20 M

TR-01
STN 101
X
TR-06
STN 586

SHOT ROLLED THROUGH STATIONARY SPREAD
NO GP

PROCESSING PARAMETERS

REPORT
APPLICATION OF CROOKED LINE GEOMETRY
SPHERICAL AND EXPONENTIAL DIVERGENCE CORRECTION
EDITING
GEOPHONE PHASE CORRECTION
DECONVOLUTION
TYPE: SURFACE CONSISTENT
OPERATOR LENGTH: 180 MS
NEAR DESIGN WINDOW: 150-5000 MS
FAR DESIGN WINDOW: 2500-3700 MS (AT 6400 M)
PREHIGHLIGHTING: 0.1%

DECONVOLUTION
TYPE: TIME-VARIANT SPECTRAL BALANCE
FIRST NEAR DESIGN WINDOW: 150-1500 MS
FIRST FAR DESIGN WINDOW: 2500-5000 MS (AT 6400 M)
SECOND NEAR DESIGN WINDOW: 500-3000 MS
SECOND FAR DESIGN WINDOW: 2700-3300 MS (AT 6400 M)
THIRD NEAR DESIGN WINDOW: 5100-5500 MS
THIRD FAR DESIGN WINDOW: 3000-3700 MS (AT 6400 M)
DESIGN BANDWIDTH: 0.12-110.125 HZ

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

FIRST VELOCITY ANALYSIS
FIRST PASS OF SURFACE CONSISTENT RESIDUAL STATICS
PRIMARY STATIC SHIFTS: 25 MS
WINDOW: 500-2500 MS

SECOND VELOCITY ANALYSIS
EDITING
SECOND PASS OF SURFACE CONSISTENT RESIDUAL STATICS
PRIMARY STATIC SHIFTS: 10 MS
WINDOW: 500-2500 MS

MIGRATION VELOCITY ANALYSIS
BANDPASS FILTER
0-1200 HZ: 8/12-75/85 HZ
1000-4000 HZ: 8/12-50/60 HZ

KIRCHHOFF MIGRATION
VELOCITY ANALYSIS
APPLICATION OF FINAL MUTE
240 M - 0 MS
200 M - 300 MS
1500 M - 1400 MS
2500 M - 2400 MS
3500 M - 3400 MS

COP STACK: 3000%
BANDPASS FILTER
0-1200 HZ: 8/12-75/85 HZ
1000-4000 HZ: 8/12-50/60 HZ

TRACE EQUALIZATION
500 MS REC

QUALITY CONTROL: D.S.
DATE: APRIL 2001

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

ECLIPSE
SEISMIC PROCESSORS INC.

