



AREA: TERTIARY CREEK EL-397
NORTHWEST TERRITORIES
LINE: 2001-TERT-005
SP *S: 101-589

PRE-STACK MIGRATION
FOLD 3100%
POLARITY: NORMAL

RECORDING PARAMETERS

RECORDING INFORMATION
RECORDED BY: NRS
DATE: MARCH 2001
INSTRUMENT TYPE: 2400
SHOT TYPE: 2.5
SAMPLE RATE: 4 SECONDS
RECORD LENGTH: 10000
RECORDING FILTER: LOW CUT OFF 0.5 HZ HIGH CUT OFF 100 HZ

SOURCE
TYPE: SURFACE
SOURCE INTERVAL: 100 M
STATION INTERVAL: 15 M
CHARGE SIZE: 5 KG

GEOPHONES
GEOPHONE TYPE: SENSO-SP4 MARSH
FREQUENCY: 10 HZ
APPROX. SPEED: 0 OVER 20 M

TR-01: STN 101 TR-409: STN 589
SHOT ROLLED THROUGH STATIONARY SPREAD
NO GRP

PROCESSING PARAMETERS

REFORMAT
APPLICATION OF CROOKED LINE GEOMETRY
SPHERICAL AND EXPONENTIAL DIVERGENCE CORRECTION
EDITING
GEOPHONE PHASE CORRECTION
DECONVOLUTION

DECONVOLUTION
TYPE: SURFACE CONSISTENT
OPERATOR LENGTH: 100 MS
NEAR DESIGN WINDOW: 150-3500 MS
FAR DESIGN WINDOW: 500-5000 MS (AT 6400 M)
PREHIGHLIGHTING: 0.15

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

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

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

THIRD PASS OF SURFACE CONSISTENT RESIDUAL STATICS
MAXIMUM STATIC SHIFT: 7 MS
WINDOW: 500-2500 MS

MIGRATION VELOCITY ANALYSIS
BANDPASS FILTER
0-1200 MS / 8-12-75 MS HZ
1600-4000 MS / 8-12-50-60 HZ

KIRCHHOFF MIGRATION
VELOCITY ANALYSIS
APPLICATION OF FINAL MUTE
500 M - 0 MS
570 M - 500 MS
1000 M - 1000 MS
3000 M - 3000 MS
6500 M - 3400 MS

COP STACK: 3100%
BANDPASS FILTER
0-1200 MS / 8-12-75 MS HZ
1600-4000 MS / 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.

