TRIATHLON PROJ. NO. 9229-E34-SP LINE NO. 104

PART NO. 1 OF 1 R.R. 10X

explor DATA LT
1000, 520 - 7th AVENUE S.W.
CALGARY, ALBERTA, T2P 0W9
(403) 262 - 8000
IN CONJUNCTION WITH:
Schlumberger
FORT LIARD
LINE: [redacted] & KOT-104X
SPS: 291 - 1688 & 1677 - 2445
STRUCTURE STACK
9229-E34-SP
NORMAL POLARITY
STATICS PARAMETERS
DATUM: 427 M REPL VEL: 3048 M/S
FIELD PARAMETERS
SHOT FOR : EXPLOR
SHOT BY : SCHLUMBERGER MARCH 2000
INSTRUMENTS
MODEL : G SYSTEM II
S.R. : 2 MS
LENGTH : 2.048 SECONDS
FILTER : 32 HZ NYQUIST HZ
GAIN : 36 DB
GEOPHONES
TYPE : SERCEL SM-24 HZ
FREQUENCY : 10 HZ
DAMPING : 0.7 CRITICAL
GROUP/NUMBER : 1 AT 1 M
ARRAY : 1 AT 1 M
GROUP LENGTH: 15 M
RECORDING
FORMAT : SEGD
RECORD LENGTH : 2.048 SECONDS
SAMPLE RATE : 2 MS
DECONVOLUTION
TYPE : SURFACE CONSISTENT SPIKING
PREDICTION : 0 MS
PREWHITENING : 1.0 %
PRODUCTION
TYPE : 100 - 1000 MS FIXED SPIKE
PREDICTION : 100 - 1000 MS FIXED SPIKE
PREWHITENING : 100 - 1000 MS FIXED SPIKE
SOURCE
TYPE : DYNAMITE
SIZE : 1 KG
HOLE DEPTH : 10 M
SOURCE SPACING
SPACING : 20 M
OFF : 10 M
FOLD : 120
CONFIGURATION
1-400:[redacted]-1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20
PROCESSED IN TRILOBITE 2000 BY
KEEWATIN TECHNICAL SERVICES
PROCESSING SEQUENCE
EDIT/DATA:
DATA RECORDING
AMPLITUDE RECOVERY:
TRACE EDITING
TRACE EDITING
CONSTANT VELOCITY STACK
DECONVOLUTION:
TYPE
PREDICTION
PREWHITENING
PRODUCTION
SPIKE: SURFACE CONSISTENT SPIKING
PREDICTION : 0 MS
PREWHITENING : 1.0 %
PRODUCTION
TYPE : 100 - 1000 MS FIXED SPIKE
PREDICTION : 100 - 1000 MS FIXED SPIKE
PREWHITENING : 100 - 1000 MS FIXED SPIKE
FREQUENCY
STATIC APPLICATION
STATIC APPLICATION
STATICS (REFRACTION)
TYPE : 100 - 1000 MS FIXED SPIKE
PREDICTION : 100 - 1000 MS FIXED SPIKE
PREWHITENING : 100 - 1000 MS FIXED SPIKE
FREQUENCY
REFRACTOR VELOCITY
REFRACTOR VELOCITY
SOFT: SURFACE CONSISTENT LINEAR INVERSION
SOFT: 1 ITERATION
SOFT: 1 ITERATION
SOFT: 1 ITERATION
SOFT: 1 ITERATION
VELOCITY ANALYSIS: CONSTANT PROGRESSIVE INTERVAL
STATICS (RESIDUAL): 1ST PASS
STATICS (RESIDUAL): 1ST PASS
STATICS (RESIDUAL): 1ST PASS
STATICS (RESIDUAL): 1ST PASS
STATICS (RESIDUAL): 1ST PASS
VELOCITY ANALYSIS: CONSTANT PROGRESSIVE INTERVAL
VELOCITY ANALYSIS: CONSTANT PROGRESSIVE INTERVAL
VELOCITY ANALYSIS: CONSTANT PROGRESSIVE INTERVAL
VELOCITY ANALYSIS: CONSTANT PROGRESSIVE INTERVAL
NMO: CONSTANT PROGRESSIVE INTERVAL
MUTE PATTERN:
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
VELOCITY ANALYSIS: CONSTANT PROGRESSIVE INTERVAL
VELOCITY ANALYSIS: CONSTANT PROGRESSIVE INTERVAL
VELOCITY ANALYSIS: CONSTANT PROGRESSIVE INTERVAL
VELOCITY ANALYSIS: CONSTANT PROGRESSIVE INTERVAL
VELOCITY ANALYSIS: CONSTANT PROGRESSIVE INTERVAL
NMO: TYPE NMO SPIKE INTERVAL
MUTE PATTERN: TYPE NMO SPIKE INTERVAL
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STATICS (RESIDUAL): 2ND PASS
STACK: 2
STACK: 2
STACK: 2