

OCELOT INTERNATIONAL

9229-B59-5E

LINE: LR-97-2
PROJECT: FORT LIARD
LOCATION: N.W.T.
LATITUDE 60.7220 TO 60.6795 DEG.
LONGITUDE -123.3967 TO -123.5252 DEG.

SP.525 NE SP.133

STRUCTURE STACK
MIGRATED

POLARITY ☒ NP ☐ RP
FIRST NICK POLARITY ABOVE FOLD BARS. PEAKS ARE POSITIVE NUMB.

ACQUISITION PARAMETERS

SHOT FOR: OCELOT ENERGY
SHOT BY: GEO-PHILIA PARTY: 1204
DATE: APR. 1997
SPREAD: 3200 - 40 VP 40 - 3220 M.
SOURCE INTERVAL: 80 M.
RECEIVER INTERVAL: 20 M.
ACQUISITION FOLD: 4000 %
SOURCE: VIBROSEIS NERTZ 18, 4 VIBS OVER 30 M., DRAG 10 M.
RECEIVERS: SWEET 4 SWEETS, 12.0 S., 10 - 100 HZ.
INSTRUMENTS: F/D SYS II 320 TRACE
GAIN MODE: FIXED
TAPE FORMAT: SEG D
FIELD FILTERS: 3 - 34 NYQ1270HZ1 NUT1H; OUT
SAMPLE RATE: 2 MS.

PROCESSING PARAMETERS

PROCESSED BY GEO-X
DATE: SEP 1997
DIGITAL CONVERSION 2 MS. SAMPLE RATE
AMPLITUDE RECOVERY ITIEXP101 B=0.0007
DECONVOLUTION TYPE: ADAPTIVE 5 COMPONENT
SURFACE CONSISTENT SIGNATURE
WITH ZERO PHASE FREQUENCY
DOMAIN OFFSET COMPONENT
DOMAIN: FREQUENCY
GATE: 250-2500 MS. AT 0 OFFSET
1500-2500 MS. AT 3000 M. OFFSET
NOTE: SYSTEM CONVERTED TO MINIMUM PHASE
STRUCTURAL CORRECTIONS DATUM ELEVATION: 500 M.
DATUM VELOCITY: 3600 M./SEC.
PROCESSING DATUM: 0 MS.
ELEVATION, WEATHERING, AND DRIFT
NOTE: ALL FOLLOWING TIMES REFERENCED FROM PROCESSING DATUM
ANALYSIS PRELIMINARY VELOCITIES AND STATICS
STATICS SURFACE STACK RESIDUAL
TRACE KILLS
VELOCITY ANALYSIS INTERVAL: 48 COPS
FINAL MOVEOUT
MEAN SCALING WINDOW: 300-2500 MS.
TIME-VARIANT SCALING WINDOW: 0-300 MS.
MUTE DISTANCE(M.) 300 3620
TIME(MS.) 300 2050
STATICS SURFACE CONSISTENT RESIDUAL
WINDOW: 300-2500 MS.
TRACE GATHER MAXIMUM FOLD: 42
STATICS CDP CROSS CORRELATION
WINDOW: 300-2500 MS.
STACK CROSS CORRELATION HEIGHTED
F-D MIGRATION 85 % THEORETICAL VELOCITIES
FILTER 8/12-50/60 HZ.
EQUALIZATION MEAN WINDOW: 300-2500 MS.

SCALE: 24 TRACES / IN.
3.75 IN. / SECOND
PLOTTED EVERY 2ND CDP

