ENCLOSURE #1e

CANADIAN
FOREST
OIL LTD.

8229-C131-2E

MAXHAMISH

LINE: 99-EL380-14
SPS: 89 - 533

PRE-STACK
MIGRATION

NORMAL POLARITY

STATICS PARAMETERS
DATUM: 500 M REPL VEL: 4000 M/S

FIELD PARAMETERS

SHOT FOR : CANADIAN FOREST OIL LTD. SEPT, 1999
SHOT BY : POLARIS EXPLORER LTD. CREW 2

INSTRUMENTS
MAKE/MODEL: ARAM 24 MARK 1
S.R. : 2 MS
LENGTH : 6 SEC
FILTER : 3 - 164 HZ
NOTCH : OUT
FORMAT : SEG-Y

GEOPHONES
TYPE : OYO GS30
FREQUENCY : 10 HZ
DAMPING :
NUMBER/GROUP: 6
SPACING : 3 M
GROUP LENGTH: 15 M

SOURCE
TYPE : DYNAMITE
CHARGE : 20 KG
DEPTH : 20 M
NO. INLINE: 1

SPREAD
FOLD : 4000 PCT
S.P. INT : 90 M
GRP. INT : 15 M

CONFIGURATION
3600--15-■-15--3600 M
1--240-■-241--480

PROCESSED SEPTEMBER 1999 BY

KELMAN SEISMIC
PROCESSING

PROCESSING SEQUENCE

DEMULTIPLEX:
PROCESS SAMPLE RATE 2.0 MS
PROCESS RECORD LENGTH 5.0 SEC
AMPLITUDE RECOVERY:
EXPONENTIAL GAIN CURVE K(T)PWR(N)(EXP(AT)) K=1 A=0 N=2
TRACE EDITING:
PHASE COMPENSATION:
TYPE GEOPHONE AND INSTRUMENT
DECONVOLUTION:
TYPE SURFACE CONSISTENT SPIKING
OPERATOR LENGTH 80 MS
PREWHITENING 0.1 %
DESIGN GATE 500 - 2600 MS AT 15M OFFSET
1600 - 3000 MS AT 3600M OFFSET
OFFSET RANGE: 600 - 3600 M
PARTIAL SPECTRAL BALANCING:
FREQUENCY 8 - 80 HZ
EQUALIZATION:
DESIGN GATE SAME WINDOW AS DECON
STATICS (REFRACTION)
METHOD GENERALIZED LINEAR INVERSION
FREQUENCY SPACING EVERY SHOT
DATUM ELEVATION 500 M
WEATHERING VELOCITY 762 M/SEC
REPLACEMENT VELOCITY 4000 M/SEC
SORT:
TO EQUAL CDP INTERVAL
VELOCITY ANALYSIS:
METHOD CONSTANT PERCENTAGE MOVEOUT
STATICS (RESIDUAL): 1ST PASS
TYPE AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW 500 - 3000 MS
MAXIMUM SHIFT +/- 32 MS
CORRELATIONS PER TRACE 15
NUMBER OF ITERATIONS 2
VELOCITY ANALYSIS:
METHOD CONSTANT PERCENTAGE MOVEOUT
NOISE ATTENUATION
METHOD FK FILTER
STATICS (RESIDUAL): 2ND PASS
TYPE AUTOMATIC SURFACE CONSISTENT
CORRELATION WINDOW 500 - 3200 MS
MAXIMUM SHIFT +/- 16 MS
CORRELATIONS PER TRACE 10
NUMBER OF ITERATIONS 2
PRE-STK MIG. VEL. ANALYSIS:
TYPE CONSTANT PERCENTAGE MOVEOUT
MUTE PATTERN:
DISTANCE 350 370 1900 3600 M
TIME -300 300 900 1000 MS
EQUALIZATION:
DESIGN WINDOW 500 MS AGC
FULL PRE-STACK MIGRATION:
TYPE KIRCHOFF SUMMATION
DATUM REFERENCED, TO PLOTTED WEATHERING REPLACED SURFACE,
SEPARATELY AT SHOT AND RECEIVER
VELOCITIES: CLIENT VELOCITIES,
NOV 3, 1999
STACK:
SPIKE SUPPRESSION 3:1 THRESHOLD
FOLD 4000 PCT.
OUTPUT STACKED DATA:
FORMAT SEGY
FILTER:
FREQUENCY [illegible]
EQUALIZATION:
DESIGN WINDOW 500 MS AGC
OUTPUT STACKED DATA:
FORMAT SEGY
FINAL DISPLAY:

1 KM BLIP INCREMENT

DISPLAY PARAMETERS
HORIZONTAL: [illegible] TPI VERTICAL: [illegible]

TRIATHLON
PROJ. NO. 8228-C131-2E
LINE NO. 99-EL380-14
PART NO. 1 OF 1
R.R. 5.5X