

CANADIAN
FOREST OIL
LTD.

SAVMILL 2D
LINE: 99-SAV-001
SPS: 107 - 1799
POST-STACK
MIGRATION

REVERSE POLARITY

STATICS PARAMETERS
DATUM: 500 ft REFL VEL: 4000 ft/s

FIELD PARAMETERS
SHOT FOR: SYSTEMS TECHNOLOGIES OCT 1989
SHOT BY: POLARIS EXPLORER LTD. PTY # 2

INSTRUMENTS	GEOPHONES
NAME/MODEL: 8000 04	TYPE: 1/2 SP-24
S: 4	FREQUENCY: 10 Hz
LENGTH: 2 ft	DEPTH: 2 ft
FILTER: 5-184 Hz	NUMBER/GROUP: 2
NOTCH: 0 Hz	SPACING: 10 ft
FORMAT: SEC-Y	GROUP LENGTH: 10 ft

SOURCE
TYPE: DYNAMITE
DEPTH: 20 ft
NOL INLINE: 1

SPREAD
FOLD: 4000 PCT
S: 4, INT: 10 ft
GAP: INT: 15 ft

CONFIGURATION
3600-15-15-3600 ft
1-400-401-400



PROCESSED NOVEMBER 1989 BY

PROCESSING SEQUENCE

DEMULTIPLY:
PROCESS SAMPLE RATE: 2.0 Hz
PROCESS RECORD LENGTH: 4.0 SEC

AMPLITUDE RECOVERY:
EXHIBITION DATA GATE: METAPURVIEW EXHIBITION 845 846 847

TRACE EDITING:
PHASE COMPENSATION: TIME

DECONVOLUTION:
TIME: SURFACE CONSISTENT SPREADING
OPERATOR LENGTH: 80 ft
PREVENTION: 1.0 ft

OFFSET FRAMES:
DESIGN DATE: 500 - 5000 ft AT 1000 ft OFFSET
1000 - 3000 ft AT 1000 ft OFFSET

PARTIAL SPECTRAL BALANCING:
FREQUENCY: 8 - 80 Hz

EQUALIZATION:
DESIGN DATE: SAME WINDOW AS DECON

STATISTICS (REFRACTION):
METHOD: GENERALIZED LINEAR INVERSION
FREQUENCY SPACING: EVERY 500 ft
DATA ELEVATION: 500 ft
VELOCITY: 700 ft/sec
REPLACEMENT VELOCITY: 4000 ft/sec

SOFT:
TO EQUAL CSP INTERVAL

VELOCITY ANALYSIS:
METHOD: CONSTANT PERCENTAGE MOVEOUT

STATISTICS (RESIDUAL): 1ST PASS
TIME: AUTOMATIC SURFACE CONSISTENT
CORRELATION LENGTH: 400 - 700 ft
CONTINUITY: 10 - 30 ft

VELOCITY ANALYSIS:
METHOD: CONSTANT PERCENTAGE MOVEOUT

STATISTICS (RESIDUAL): 2ND PASS
TIME: AUTOMATIC SURFACE CONSISTENT
CORRELATION LENGTH: 400 - 700 ft
CONTINUITY: 10 - 30 ft

NORMALE MOVEOUT CONNECTION:
DATA REFERENCED TO PLASTERED SURFACE
NORMALE MOVEOUT CONNECTION

MUTE PATTERN:
DISTANCE: 500 ft to 1000 ft
TIME: 500 ft to 1000 ft

STACKS:
SPREAD SUPPRESSION: 311 THRESHOLD
FILE: 4000 PCT

EQUALIZATION:
DESIGN WINDOW: 500 ft/sec

POST-STACK MIGRATION:
TYPE: KIRCHOFF SUPERSTATION
VELOCITY: 100 PERCENT OF INPUT STACKING

OUTPUT STACKED DATA:
FORMAT: SEGY

FILTER:
FREQUENCY: 8/12-60/70 Hz

EQUALIZATION:
DESIGN WINDOW: 500 ft/sec

OUTPUT STACKED DATA:
FORMAT: SEGY

FINAL DISPLAY:
1 km BLIP INCREMENT

DISPLAY PARAMETERS
HORIZONTAL: 50.0 TPI VERTICAL: 5 IPS
1 INCH = 400 ft



