2D Vibroseis Line 001

2D Prestack Public Domain by Geofizyka Torun S.A, Poland

POST STACK TIME MIGRATION

PROCESSED BY:
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FIELD PARAMETER

Parameter	Value
Nominal Receiver Station Interval	25.0m
Nominal Source Station Interval	50.0m
First SP Station Number	701
Last SP Station Number	1201
First Live Station Number	561
Last Live Station Number	1342
Original Reference Level	0.0
Reference Velocity	1900.0
Source Skid	12.50
Source	Vibroseis
Sweep type	UP +3db/oct
Sweep freq	8Hz-95Hz
Sweep length	Cosine,0.3sec,0.5sec
Taper,length start,end	1342
Geophone type	SM-4
Geophone freq	10Hz
No. of geophones per group	24
Geophone array	25m (linear)

PROCESSING SEQUENCE

FORMAT CONVERSION – SEGY to SU

GEOMETRY APPLICATION

RECORD AND TRACE EDITING

AMPLITUDE RECOVERY

500 ms AGC window

F-K FILTER

BAND-PASS FILTER

15-20-70-80

WIENER PREDICTIVE DECONVOLUTION

Min lag = 0.02 Max lag = 0.1 – Prewithening = 0.1%

CDP SORT

VELOCITY ANALYSIS

ELEVATION STATICS

VELOCITY ANALYSIS

SURFACE CONSISTENT RESIDUAL STATICS

VELOCITY ANALYSIS

NORMAL MOVEOUT CORRECTION

CMP STACK

FIRST BREAK MUTE

STOLT 2D TIME MIGRATION

RMS stacking velocities

FORMAT CONVERSION – SU to SEGY

SEGY OUTPUT OF THE POST STACK TIME MIGRATION