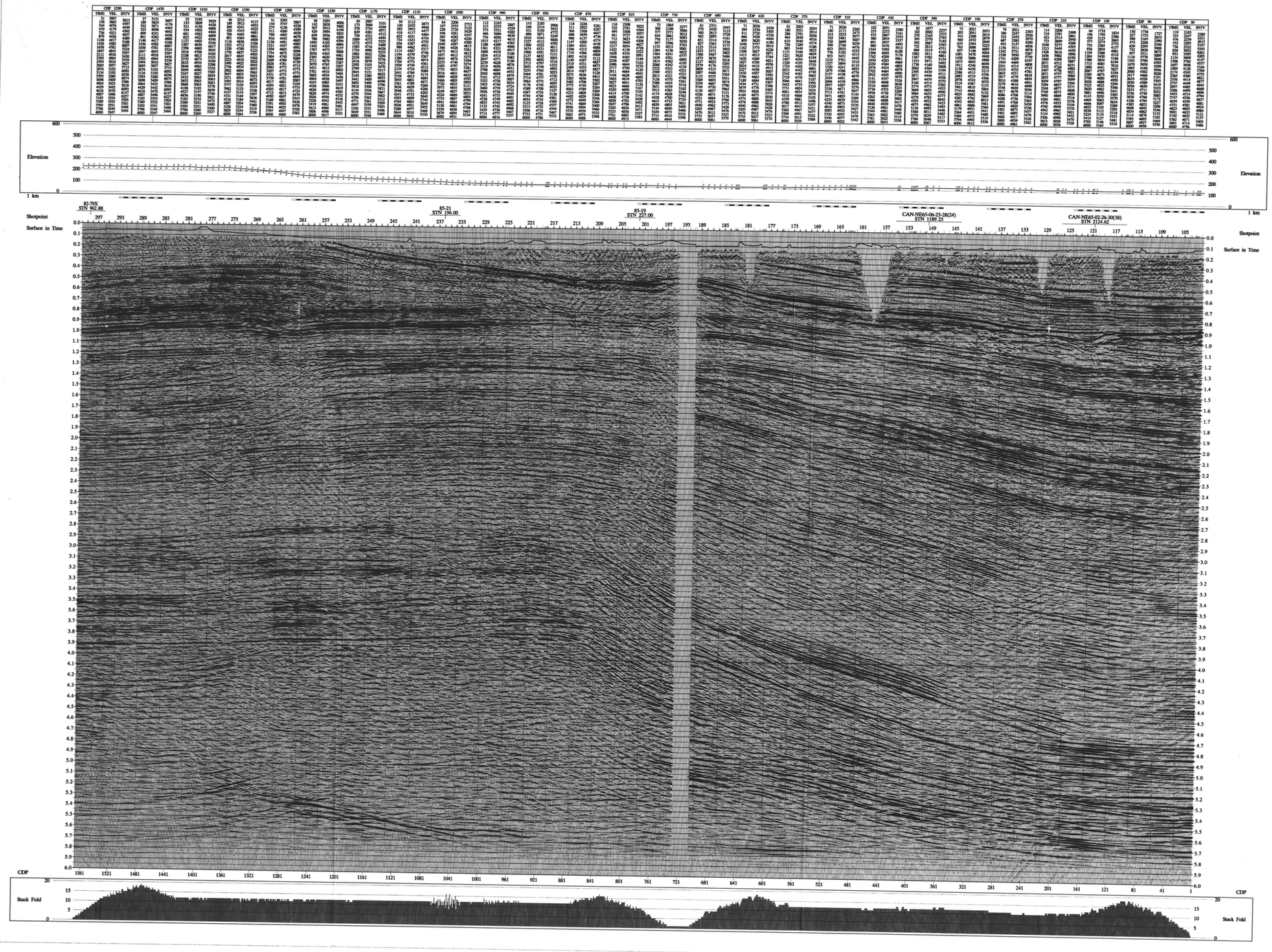

FRONTIER
AREA: MACKENZIE PLAIN
RM (72696) LINE NAME: 85-13

Anderson Exploration Ltd

9227-D30-1E, M

Brackett Lake

Northwest Territories

Line 85-13(72696)

NTS 96-F-5,4,3

SP 300 - 101

Migrated Stack

Normal Polarity

FIELD PARAMETERS

Recorded by	Western Geophysical Co. of Canada Ltd., Party 3462
Recorded for	Marsh, 1985
Amplifier	Petro-Canada DFS V, '96 channels
Record Length	SEG-B format, IFP gain 8(50-150Tz) 16(ALIGN), Notch OUT 6.0 seconds
Source	2 ms sample interval Dynamite, single hole
Geophones	2.5 Kg at 15 metres LRS L2511, 14 Hz
Source Interval	9 per string inline over 40.0 metres
Group Interval	132 metres
Nominal Fold	33 traces
Spread	120/66 1617 - 66 - SP - 66 - 1617 metres

PROCESSING SEQUENCE

Trace Kill/Reverse	
Trace editing MODE	Kill
SELECT trace Kill parameter file	Trace Kills
Trace Amplitude Recovery	
Type of amplitude recovery	t^2(time**ed**2)
Should trip velocity be treated as space variable?	No
Select velocity parameter file	TAR Velocity Function
dtime correction constant	0.
Maximum application TIME	3000.
Filter Application	
SELECT filter dataset	Inter. & Geo. Compensations
Surface Consistent Decon	
Type of decomposition	Spiking
Components of spectral decomposition:	SHOT RCVR OFFSET
Spectral decomposition used in Application:	SHOT RCVR
Maximum absolute offset	132.
Decon operator offset	1617.
Decon operator length (ms)	100.
Operator white noise level	0.01
TV Spectral Whitening	
Spectral balancing scalar LENGTH	500.
Number of frequency panels	12
SPECIFY spectral balancing frequencies 1,300,5000	
Mode for amplitude restoration	Log Average
Trace Equalization	
Elevation Statics	
Apply Elevation Statics	
Final datum elevation	450
Replacement velocity	3000.
Database mute method	Shot Holes Ignoring Upholes T'times
NMO static method	Mono Statics
Length of smoothed	51
Processing DATUM	NMO DATUM
Apply Residual Statics	
Apply Residual Statics	
Apply Residual Statics	
Apply Residual Statics	
Type of residual statics to apply	Max. Power Automatics
Apply Trim Statics	
Normal Moveout Correction	
Direction for NMO application	FORWARD
SELECT Velocity parameter file	Final Velocities
Trace Muting	
TYPE of mute	Top
SELECT mute parameter file	Final Mute 3
Automatic Gain Control	
Application mode	APPLY
AGC operator length	500.
CDP/Ensemble Stack	
METHOD for trace summing	Mean
TV Spectral Whitening	
Spectral balancing scalar LENGTH	500.
Number of frequency panels	12
SPECIFY spectral balancing frequencies 1,300,5000	
Mode for amplitude restoration	Simple Mean
Trace Equalization	
SPECIFY TE gate parameters 1,300,5000	
F-X Decon	
Horizontal window length	40
Number of filter samples	7
Time window length	100.
Time window overlap	50.
SGL Implicit FD Time Mig.	
Output interval (m or ft)	16.5
Scalar of migration operator	65 degrees
Select interval vs. time velocity file	Final Velocities
Bk	
Percentage of input velocities to use	100
Set migration to zero time if migration from surface with zero velocity layer?	Yes
Pad Traces	
Header word to use for padding	CDP bin number
Spacing of header value	1
Bandpass Filter	
TYPE of filter	Single Filter
Type of filter specification	Ormsby Bandpass
DOMAIN of filter	Zero
Ormsby filter frequency values	5 10 80 100
Trace Equalization	
SPECIFY TE gate parameters 1,300,5000	

DISPLAY PARAMETERS

Traces/Inch = 40	Display Gain = 0.35
Inches/Second = 3.75	Clip Limit = 3
NORMAL POLARITY	Tue Jun 5 15:32:29 2001

SENSOR GEOPHYSICAL LTD.

LINE NO. 85-13

PART NO. 1 OF 1

R.R. 10X