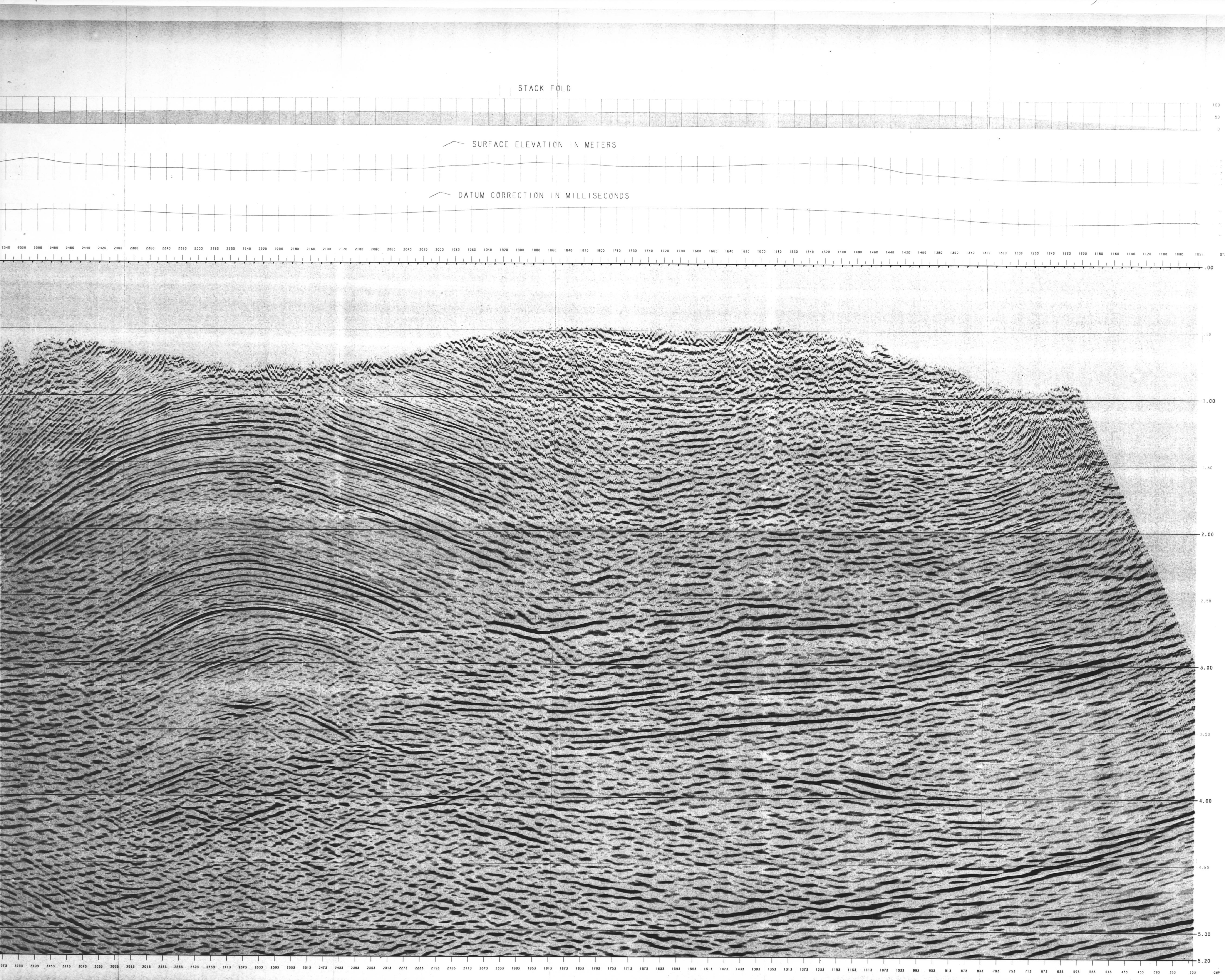




0229-E34-8P 14
WEST



FT. LIARD
LINE SWM-03
SP 1205 - 2711
POST-STACK TIME MIGRATION

RECORDING INFORMATION
ACQUIRED FOR WESTERNGECO / EXPLOR DATA LTD.
RECORDED BY WESTERNGECO
DATE SEPTEMBER 2001
SOURCE STANWATE
DEPTH 25 M
SOURCE INTERVAL 90 M
DETECTION
TYPE NATURAL FREQUENCY 15 HZ
GROUP INTERVAL 2 HZ
PHONES PER GPP 6 OVER 17.5 W
RECORDING UNIT 1
MARK/ANALOG SERCEL SN 388
SAMPLING INTERVAL 2 MS
RECORD LENGTH 2 HZ
LOW CUT FILTER 0.5
HIG CUT FILTER 0.5
NOTCH FILTER 0.5
TAPE CORRECT

SPREAD
SHOOTING DIRECTION: EAST TO WEST
STATION INT.: 15 M SHOT INT.: 90 M
16.1 4492.5 300 7.5 37.5 4492.5 W (K)

CLIENT PROCESSING
LOGS



PROCESSING SEQUENCE
1. SEG-CONVERSION
PROCESS SAMPLING INTERVAL: 2 MS
PROCESS RECORD LENGTH: 8.0 SECONDS
2. SURVEY UPDATE
TRACE HEADS UPDATE WITH SURVEY COORDINATES
GEOMETRY DC USING COMPILED FIRST ARRIVALS FROM SURVEY
3. SPHERICAL DIVERGENCE COMPENSATION
4. INVERSE Q APPLICATION
5. LOW CUT FILTER (8 HZ)
6. SURFACE CONSISTENT PREDICTIVE DECONVOLUTION
OPERATION LENGTH: 180 MS
PREDICTION DURATION: 4 W
PERCENTAGE WHITE NOISE: 0.01
7. TIME-VARIANT SPECTRAL WHITENING
FREQUENCY: 16 - 140 HZ
8. DE-SPIKING 1/2 P
9. RESAMPLE TO 4 MS
10. REFRACTION STATISTICS
REFRACTION VELOCITY: 3500 M/S
SLOPE: 2000 M
11. VELOCITY ANALYSIS
12. X-STATIC RESIDUAL STATISTICS
13. VELOCITY ANALYSIS
14. MISER RESIDUAL STATISTICS
15. DIP MOVEOUT
16. DMO VELOCITY ANALYSIS
ANALYSIS INTERVAL: 750 M
17. RMS GAIN
WINDOW: 125 - 1000 MS
18. MEDIAN STACK
19. RANDOM NOISE ATTENUATION
20. F-X MIGRATION
21. TIME-VARIANT FILTER
2.0 SEC - 14 - 70 HZ
2.0 SEC - 10 - 60 HZ
2.0 SEC - 8 - 60 HZ
22. RMS GAIN
WINDOW: 250 - 1000 MS

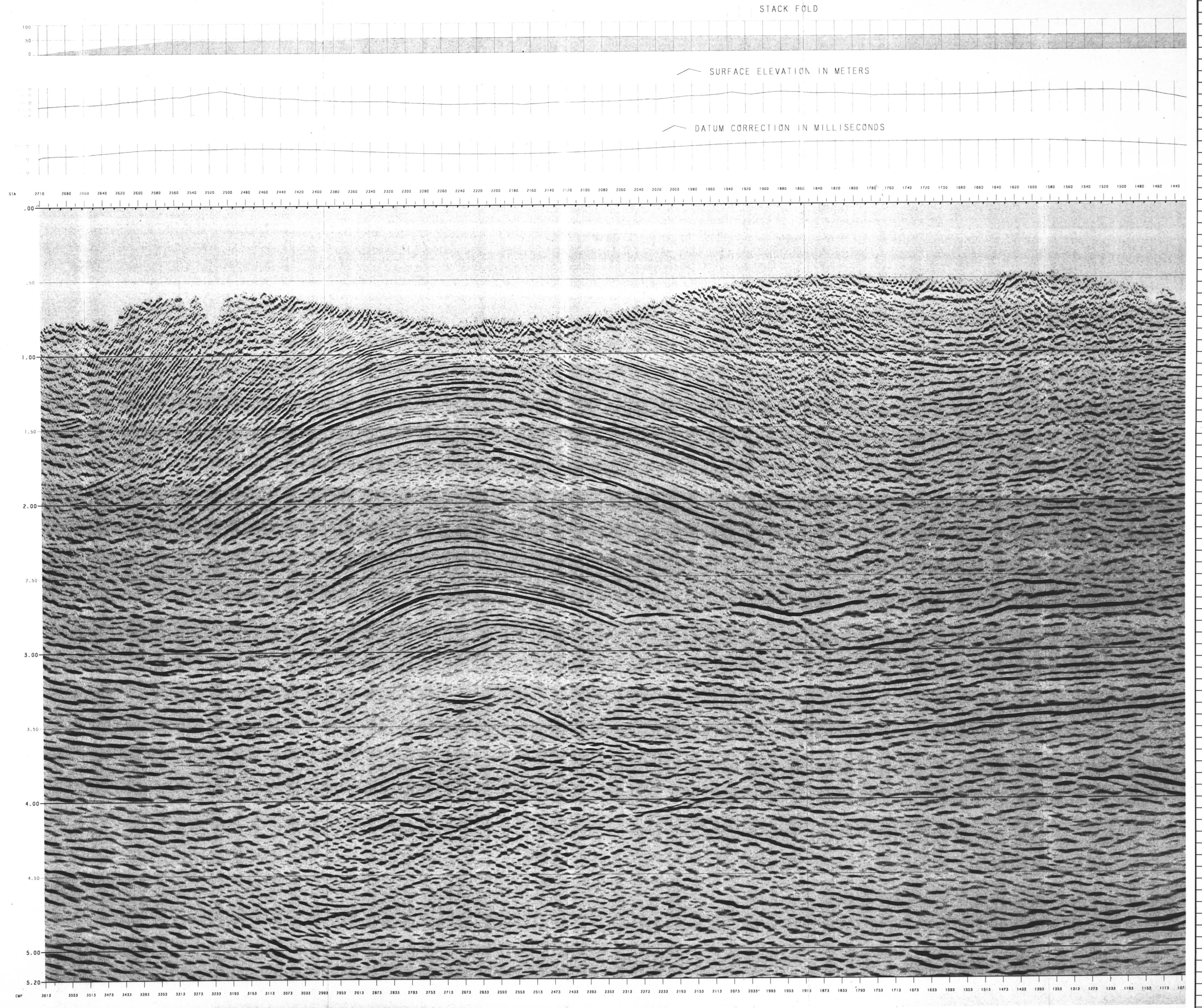
DISPLAY
TRACE DENSITY 26.25 TRACES PER CM
VERTICAL SCALE 1 CM = 0.5 S
PLOTING GAIN 6 DB

HORIZONTAL SCALE 1 : 20,000
CMP SPACING = 7.5 M
1 KM = 5.0 CM

← 1000 M →

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TRIATHLON
PROJ. NO. 9229-E34-8P
LINE NO. SWM-03
PART NO. 1 OF 2
R.R. 10X



WESTERNDECO / EXPLOR DATA LTD.
LINE SWH-03
SP 1205 - 2711
POST-STACK TIME MIGRATION