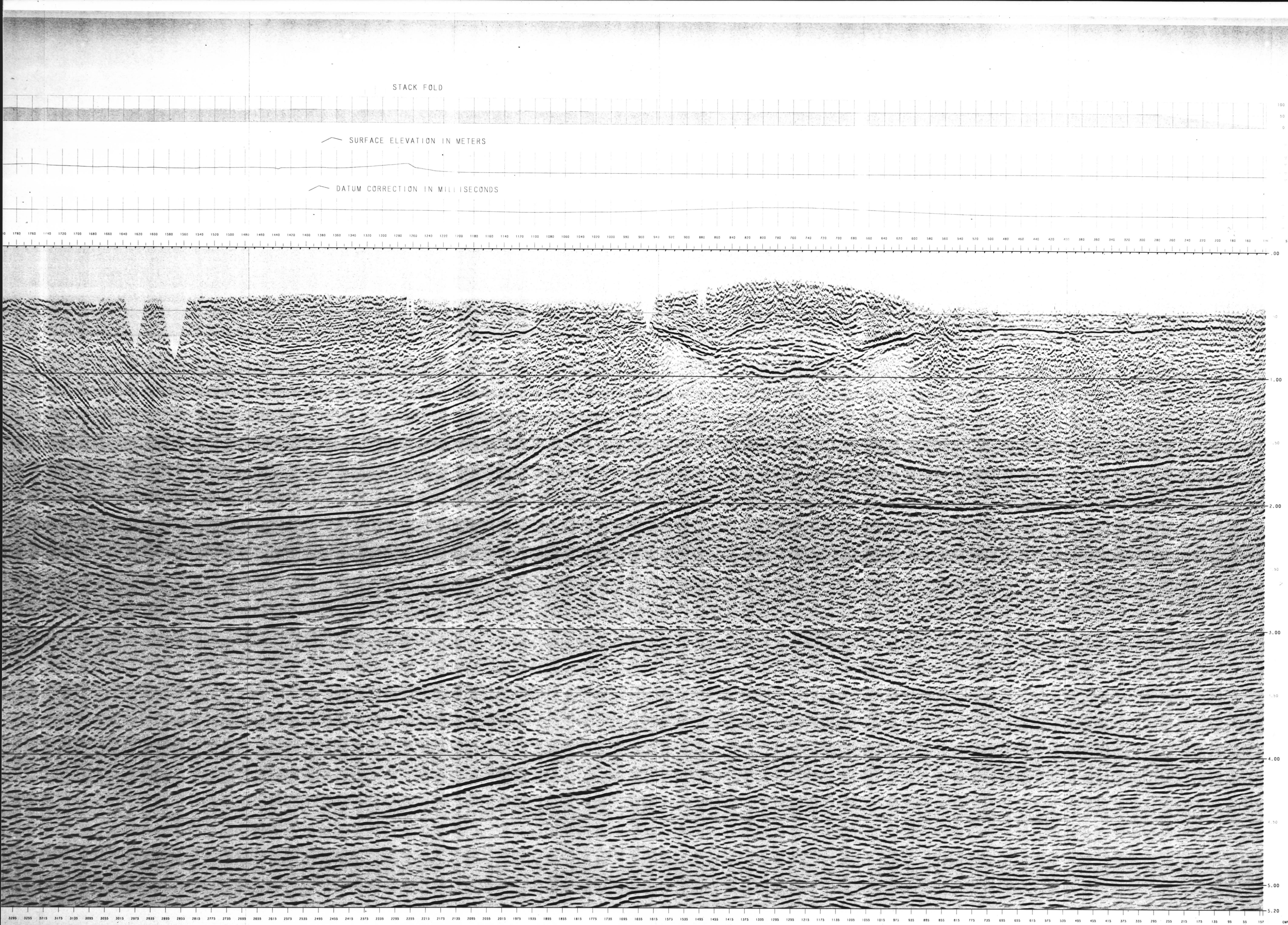




9229-K34-7P

NORTHWEST

FT. LIARD
LINE SWM-5
SP 139 - 2390
POST-STACK TIME MIGRATION

RECORDING INFORMATION

ACQUIRED FOR WESTERNGECO / EXPLOR DATA LTD.
RECORDED BY JUNE 2001
DATE
SOURCE DYNAMITE
PATTERN 20 W
DEPTH 80 W
SOURCE INTERVAL 10 W
DETECTOR WASH
NATURAL FREQUENCY 15 W
OSC. INTERVAL 2 W
RECORDING UNIT 12.5 W
WAVELENGTH 10 W
SAMPLING INTERVAL 2 W
RECORD LENGTH 8 W
LOW CUT FILTER 8 W
HIGHS FILTER 20 W
TAPE FORMAT SEC D

SPREAD
SHOOTING DIRECTION EAST TO WEST
STATION INT. 10 W
SHOT INT. 10 W
100 4492.5 200 4492.5 300 4492.5 400 4492.5 500 4492.5 600 4492.5 700 4492.5 800 4492.5 900 4492.5 1000 4492.5 1100 4492.5 1200 4492.5 1300 4492.5 1400 4492.5 1500 4492.5 1600 4492.5 1700 4492.5 1800 4492.5 1900 4492.5 2000 4492.5 2100 4492.5 2200 4492.5 2300 4492.5 2400 4492.5 2500 4492.5 2600 4492.5 2700 4492.5 2800 4492.5 2900 4492.5 3000 4492.5 3100 4492.5 3200 4492.5 3300 4492.5 3400 4492.5 3500 4492.5 3600 4492.5 3700 4492.5 3800 4492.5 3900 4492.5 4000 4492.5 4100 4492.5 4200 4492.5 4300 4492.5 4400 4492.5 4500 4492.5 4600 4492.5 4700 4492.5 4800 4492.5 4900 4492.5 5000 4492.5 5100 4492.5 5200 4492.5 5300 4492.5 5400 4492.5 5500 4492.5 5600 4492.5 5700 4492.5 5800 4492.5 5900 4492.5 6000 4492.5 6100 4492.5 6200 4492.5 6300 4492.5 6400 4492.5 6500 4492.5 6600 4492.5 6700 4492.5 6800 4492.5 6900 4492.5 7000 4492.5 7100 4492.5 7200 4492.5 7300 4492.5 7400 4492.5 7500 4492.5 7600 4492.5 7700 4492.5 7800 4492.5 7900 4492.5 8000 4492.5 8100 4492.5 8200 4492.5 8300 4492.5 8400 4492.5 8500 4492.5 8600 4492.5 8700 4492.5 8800 4492.5 8900 4492.5 9000 4492.5 9100 4492.5 9200 4492.5 9300 4492.5 9400 4492.5 9500 4492.5 9600 4492.5 9700 4492.5 9800 4492.5 9900 4492.5 10000 4492.5

ENCLOSURE PROCESSING

WesternGeco

PROCESSING SEQUENCE

1. SEG CONVERSION
PROCESS SAMPLING INTERVAL 2 MS
PROCESS RECORD LENGTH 8.0 SECONDS
2. SURVEY UPDATE
TRACE HEADER UPDATE WITH SURVEY COORDINATES
CURRENT CC USING COMPUTED FIRST ARRIVALS FROM SURVEY
3. SPHERICAL DIVERGENCE COMPENSATION
4. INVERSE Q APPLICATION
5. LOW CUT FILTER 8 HZ
6. SURFACE CONSISTENT PREDICTIVE DECONVOLUTION
PREDICTION DISTANCE 7 W
PREDICTION WHITE NOISE 0.01
7. TIME VARIANT SPECTRAL WHITENING
FREQUENCY 10 - 40 HZ
8. DE-SPIKING (ZAP)
9. RESAMPLE TO 4 MS
10. REFRACTION STATICS
REPLACEMENT VELOCITY 3500 M/S
DUTCH 2000 W
11. VELOCITY ANALYSIS
12. X-STATIC RESIDUAL STATICS
13. VELOCITY ANALYSIS
14. WIDER RESIDUAL STATICS
15. DIP MOVEOUT
16. DMO VELOCITY ANALYSIS
ANALYSIS INTERVAL 750 W
17. RMS GAIN
WIDEN 125 - 1000 W
18. MEDIAN STACK
19. RANDOM NOISE ATTENUATION
20. P-X MIGRATION
21. TIME VARIANT FILTER
2.0 SEC - 10 - 10 W
2.0 SEC - 10 - 60 W
4.0 SEC - 8 - 60 W
22. RMS GAIN
WIDEN 250 - 1000 W

DISPLAY

TRACE DENSITY 20.22 TRACES PER CW
VERTICAL SCALE 5.0 SECONDS PER SECOND
HORIZONTAL SCALE 1 : 20,000
CMP SPACING 7.5 M
1 KM = 5.0 CM
1000 M

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TRIATHLON

PROD. NO. 9229-E34-7P

LINE NO. SWM-5

PART NO. 1

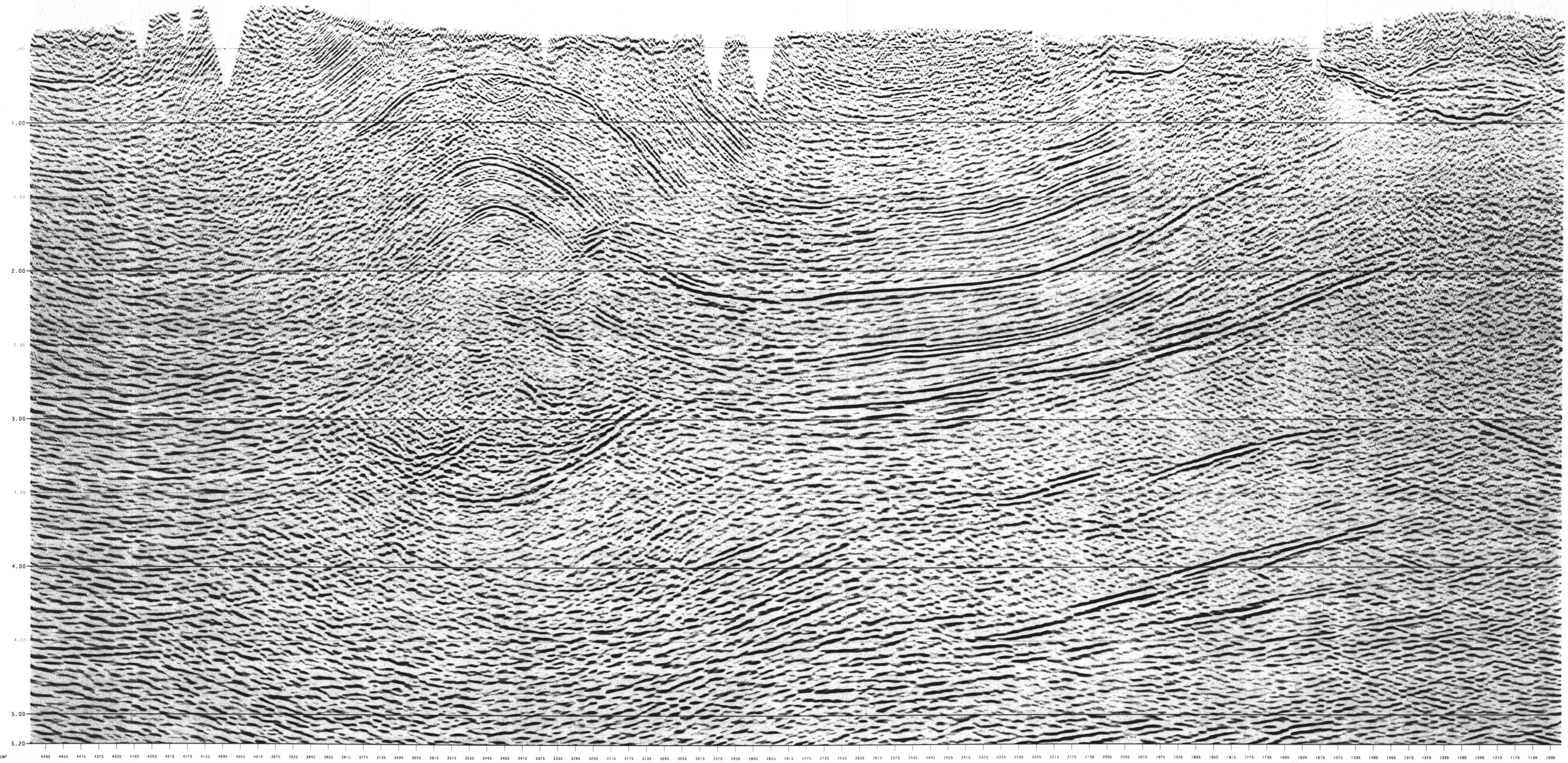
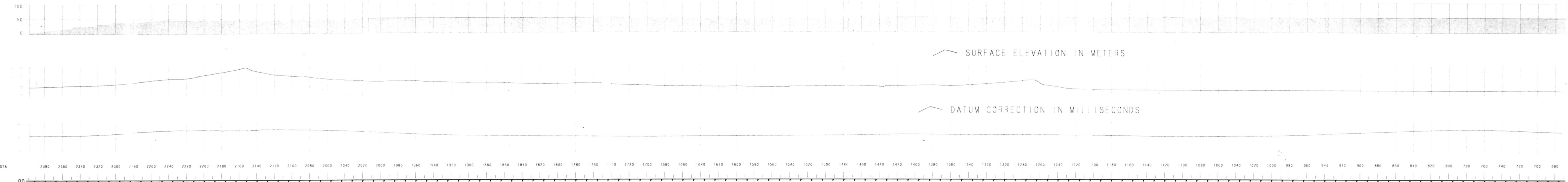
OF 2

R.R. 10X

STACK FOLD

SURFACE ELEVATION IN METERS

DATUM CORRECTION IN MILLISECONDS



WESTERNECO / EXPLOR DATA LTD.
LINE SW-5
SP 138 - 2390
POST-STACK TIME MIGRATION