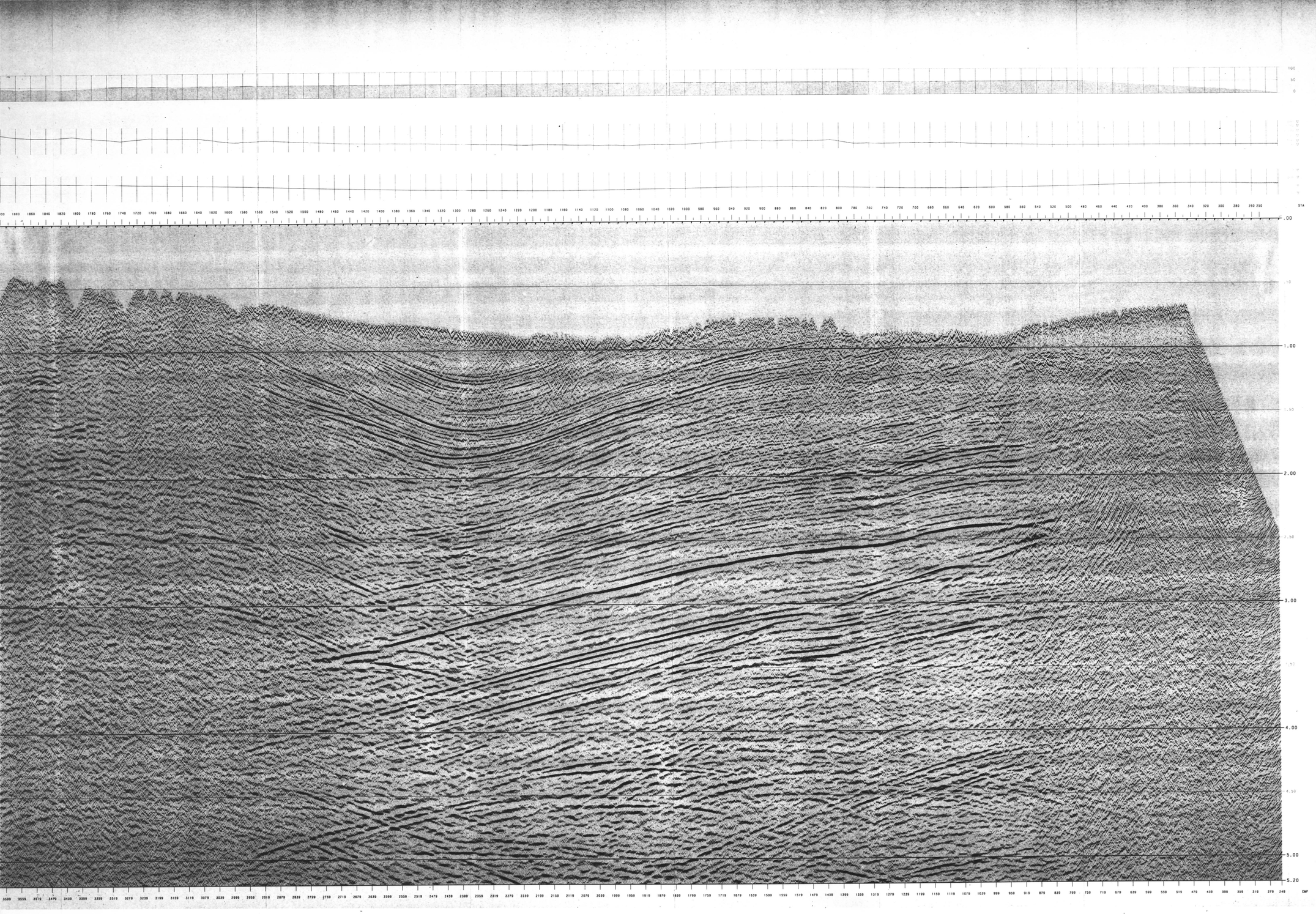

WesternGeco

explor DATA LTD.

FT. LIARD
LINE JF-01X/JF-01
SP 348-2328/2201-4355
DMO STACK

RECORDING INFORMATION
ACQUIRED FOR: WESTERNGECO / EXPLOR DATA LTD.
RECORDED BY: WESTERNGECO
DATE: JF-1 (JUNE 2001) JF-1X (AUGUST 2002)
SOURCE
TYPE: DYNAMITE
PATTERN: SINGLE
DEPTH: 20 M
SHOT INTERVAL: 50 M
DETECTOR
TYPE: RVM - GS30 - CT
NATURAL FREQUENCY: 10 HZ
GROUP INTERVAL: 5 M
PHONES PER GRP: 6 OVER 15 M
RECORDING UNIT
MAKE/MODEL: SERCEL 408
SAMPLING INTERVAL: 2 MS
RECORD LENGTH: 8.0 SEC
LOW CUT FILTER: OUT
ALIAS FILTER: 0.8
NOTCH FILTER: OUT
TAPE FORMAT: SEG-D
SPREAD
SHOOT NG DIRECTION: FAST TO WEST
STATION INT.: 15 M ; SHOT INT.: 50 M
FIX: 4492.5 ; F/S: 7.5 ; 4492.5 M (W)

CALGARY PROCESSING CENTRE — WesternGeco

PROCESSING SEQUENCE

1. SEGD CONVERSION
   PROCESS SAMPLING INTERVAL - 2 MS
   PROCESS RECORD LENGTH - 8.0 SECONDS
2. SURVEY UPDATE
   TRACE HEADER UPDATE WITH SURVEY COORDINATES
   GEOMETRY QC 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
   OPERATOR LENGTH - 160 MS
   PREDICTION DISTANCE - 8 MS
   PERCENTAGE WHITE NOISE - 0.01
7. TIME VARIANT SPECTRAL WHITENING
   FREQUENCY 10 - 140 HZ
8. DE-SPIKING (ZAP)
9. RESAMPLE TO 4 MS
10. REFRACTION STATICS
    REPLACEMENT VELOCITY - 3500 M/S
    DATUM - 2000 M
11. VELOCITY ANALYSIS - SPACING 750M
12. MERGE JF01/JF01X CMPS
13. XSTATIC RESIDUAL STATICS
14. VELOCITY ANALYSIS
15. MISER REFLECTION STATICS
16. DIP MOVEOUT
17. DMO VELOCITY ANALYSIS
    ANALYSIS INTERVAL - 750 M
18. RMS GAIN
    WINDOW 250 - 1000 MS
19. MEDIAN STACK
20. TIME VARIANT FILTER
    1.0 SEC - 14 - 70 HZ
    2.0 SEC - 10 - 60 HZ
    4.0 SEC - 8 - 60 HZ
21. RMS GAIN
    WINDOW 250 - 1000 MS

DISPLAY

TRACE DENSITY	26.25 TRACES PER CM
VERTICAL SCALE	5 INCHES PER SECOND
PLOTTING GAIN	4 DB

HORIZONTAL SCALE 1 : 20,000
CMP SPACING - 7.5 M
1 KM - 5.0 CM
◄ 1000 M ►

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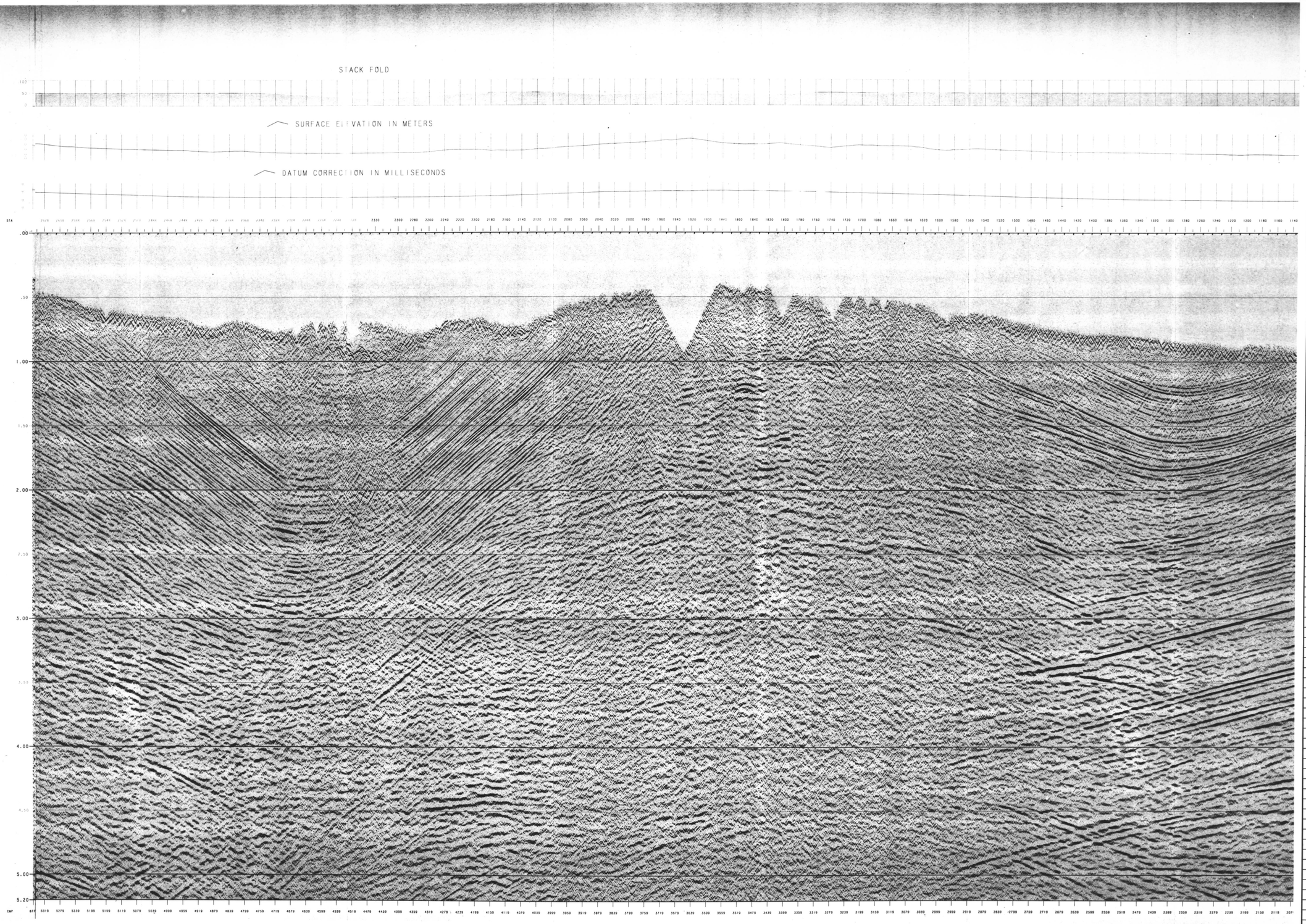
TRIATHLON PROJ. NO. 9229-E34-SP LINE NO. JF-01X/JF-01 PART NO. 1 OF 2 R.R. 10X

WESTERNGECO / EXPLOR DATA LTD.
LINE JF-01X/JF-01
SP 348-2328/2201-4355
DMO STACK



TRIATHLON PROJ. NO. 9229-E34-8P LINE NO. JF-01X/JF-01 PART NO. 2 OF 2 R.R. 10X