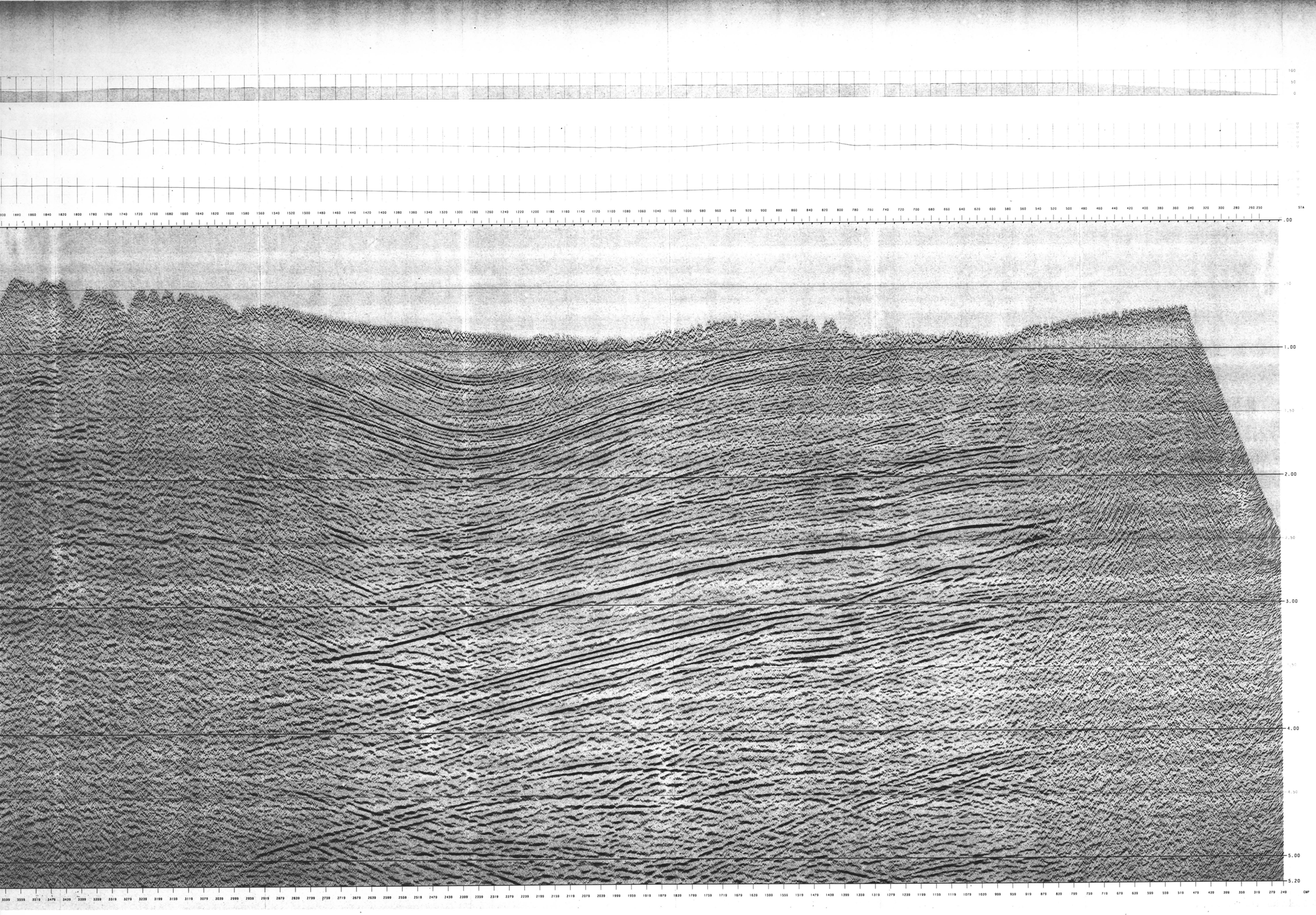


WesternGeco

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 |
| SOURCE INTERVAL | 60 M |
| DETECTOR | |
| TYPE | DFS V, GS30 - CT |
| NATURAL FREQUENCY | 10 HZ |
| GROUP INTERVAL | 15 M |
| PHONES PER GRP | 6 EACH 15 M |
| RECORDING UNIT | |
| TYPE/MODEL | SERCEL 408 |
| SAMPLING INTERVAL | 2 MS |
| RECORD LENGTH | 8.0 SEC |
| SENSITIVITY | 0 DB |
| ANTI ALIAS FILTER | 0 LB |
| HIGH CUT FILTER | 0 LB |
| TAPE FORMAT | SEG D |

SPREAD

SHOOT NG DIRECTION: EAST TO WEST.
STATION INT.: 15 M SHOT INT.: 90 M
1 ---------- 200 ---- 201 ---------- 800
1E1 4482.5 ---- 215 ---- 215 ---- 4482.5 M (W)

CALGARY PROCESSING CENTER

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
   ELEVATION CORRECTION 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 - 2.2 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 | 28.33 TRACES PER CM |
| VERTICAL SCALE | 2 INCHES PER SECOND |
| PLOTTING GAIN | 0 DB |

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

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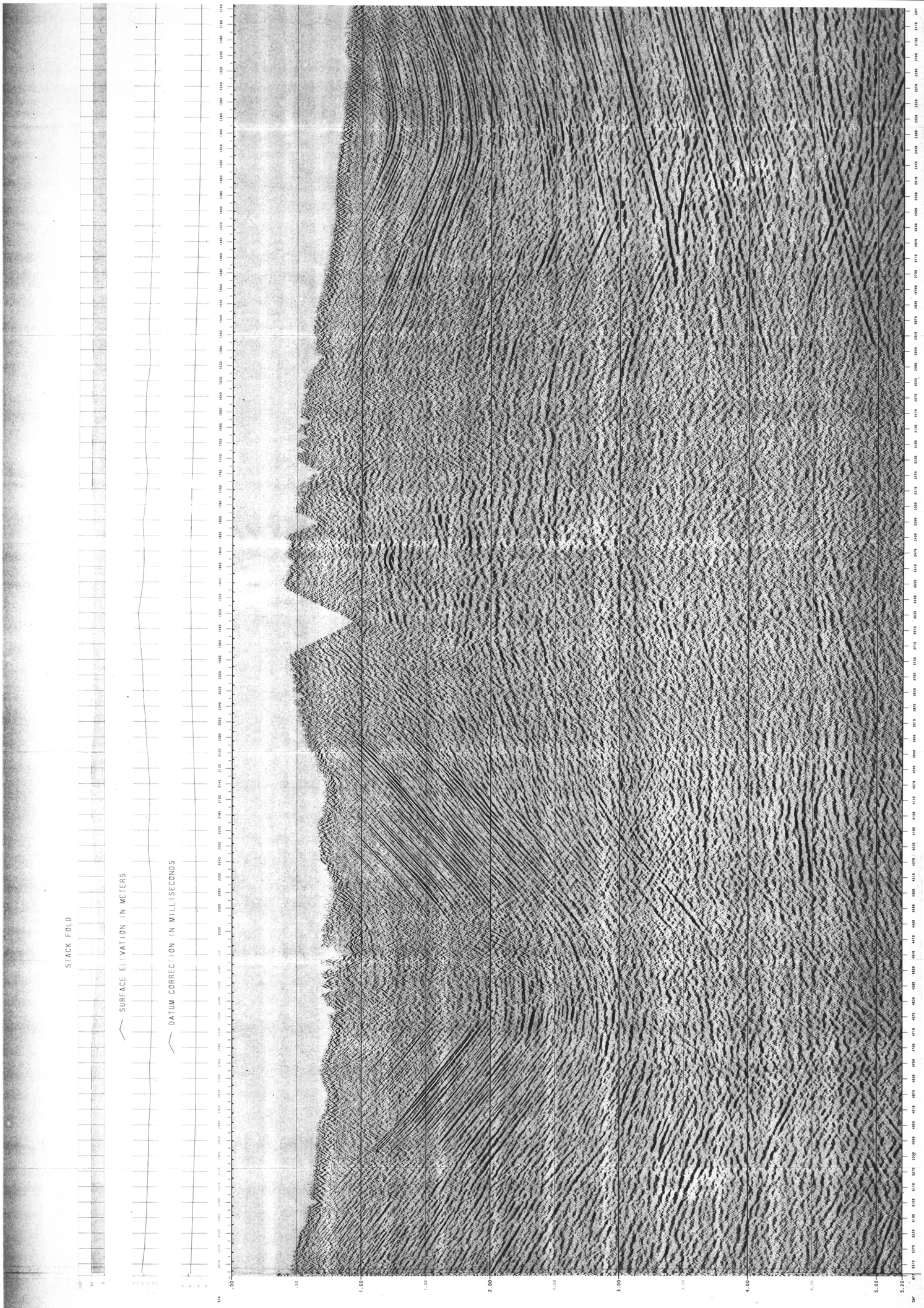
**VIOLATORS WILL BE PROSECUTED.**

TRIATHLON PROJ. NO. 9229-E34-8P LINE NO. JF-01X/JF-01

PART NO. 1 OF 2 R.R. 10X

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




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