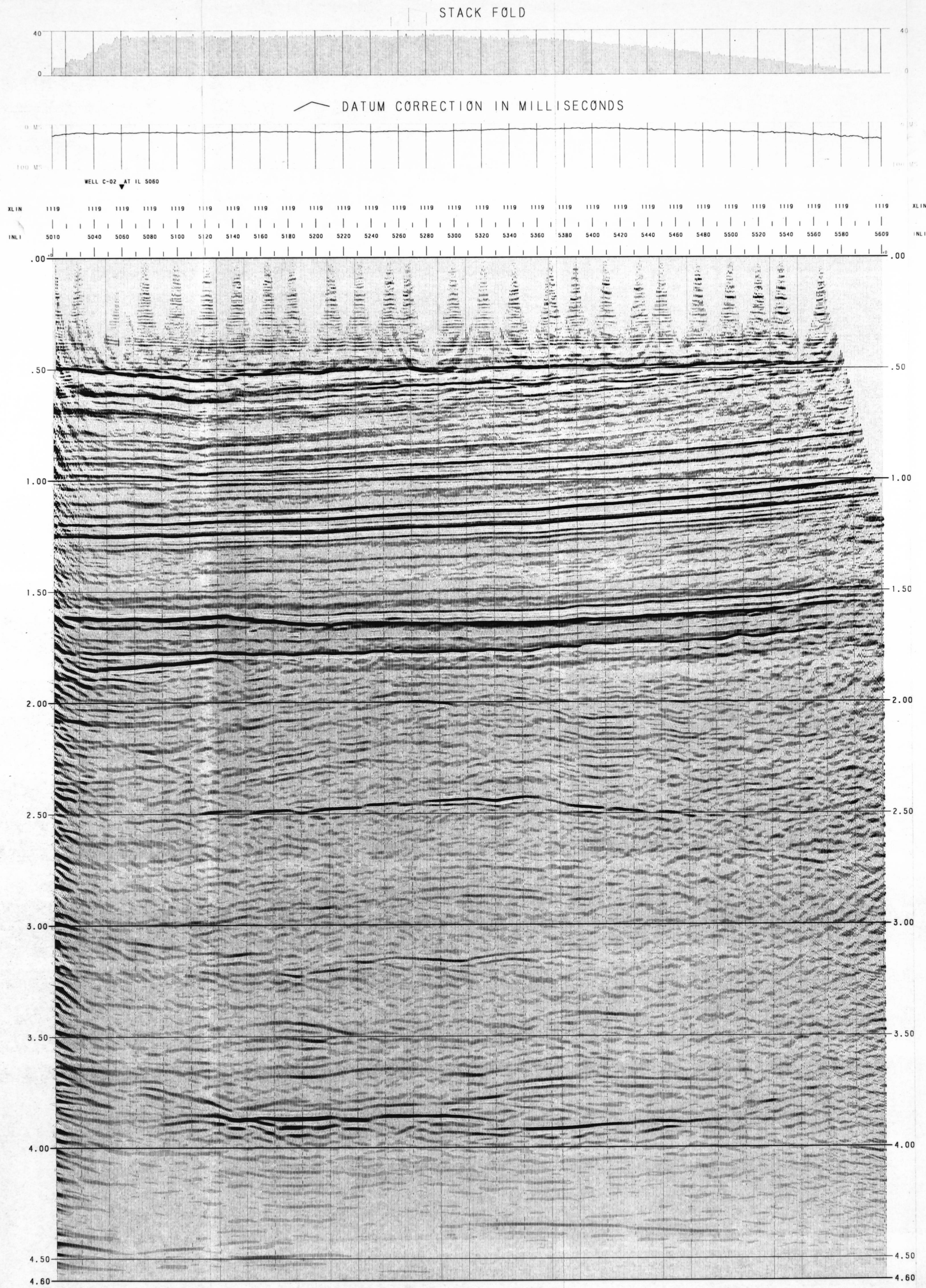


ARROWHEAD A01P-ARR-3D
CROSS LINE 1119
TIE WELL C-02
XSTOLT MIGRATION



ARROWHEAD A01P-ARR-3D
XSTOLT MIGRATION - CROSS LINE 1119
THE WELL C-02

9229 - P 33 - 6E 14
SOUTH

PARAMOUNT RESOURCES LTD.

ARROWHEAD A01P-ARR-3D
DATE OF PROCESSING: MAY 2002

RECORDING INFORMATION	
RECORDED FOR	PARAMOUNT RESOURCES LTD.
RECORDED BY	WESTERNGECO
DATE	JANUARY/FEBRUARY 2002

SOURCE	
TYPE	VIBROSEIS
PATTERN	4 VIBS IN LINE
VIB TYPE	MERTZ 18 - 40,000 LBS
LINEAR SWEEP	6 - 96 HZ
SWEEP LENGTH	28 SEC
VIB POINT INTERVAL	45 M.
VIB LINE INTERVAL	500 M.

RECORDING PARAMETERS

RECORDING SYSTEM: SERCEL 408 XL

RECORDING TEMPLATE: 10 LINES X 100 CHANNELS

RECEIVER LINE INTERVAL: 60 M.

RECEIVER INTERVAL (GRP): 60 M.

SAMPLING INTERVAL: 2 MS.

RECORD LENGTH: 3 SEC.

LOW CUT FILTER: HIGH CUT FILTER: NYQUIST MINIMUM PHAS

NOTCH FILTER

DETECTORS

TYPE

PHONES PER GROUP

GRID INFORMATION

PRIMARY CELL SIZE: 22.5 M.

SECONDARY CELL SIZE: 39.6

GRID AZIMUTH: 89.89 DEG.

CALGARY PROCESSING
CENTER

 WesternGeco

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PROCESSING SEQUENCE
1. SEC-D CONVERT
   DRESS DRESS TEST
2. PREPROCESSING
   REPAIR DRESS TEST AND DRESS TEST
   REPAIR DRESS TEST AND DRESS TEST
   REPAIR DRESS TEST AND DRESS TEST
3. GEOMETRIC SPREADING (AMPLITUDE COMPENSATION)
4. DEFOCUS
5. ZONE FILTER (GROUND ROLL SUPPRESSION)
6. SURFACE CONSISTENT DECONVOLUTION
7. SURFACE CONSISTENT AMPLITUDE COMPENSATION (SCAC)
8. SPIKE ATTENUATION
   THE VARIANT SPECTRAL WHITENING @ 90 HZ
9. SORT TO CELL CUMULATIVE
10. REFRACTION STATICS DAVUM @ 450 M; REPLACEMENT VELOCITY AND SPEED
12. REFRACTION STATICS DAVUM AND VELOCITY ANALYSIS @ 2.0 AN 3500
13. SURFACE CONSISTENT RESIDUAL STATICS (WISER)
14. VELOCITY ANALYSIS FROM 1.0 TO 2.0 AN 3500
15. SURFACE CONSISTENT RESIDUAL STATICS (WISER - 2ND PASS)
16. VELOCITY ANALYSIS
17. NMO CORRECTION
18. MUTE
19. NMO STACK
20. RANDOM NOISE ATTENUATION (F5 DECON)
21. S-YOIL MUTATION
22. SPECTRAL WHITENING C10 @ 90 HZ
23. TIME VARIANT FILTER
24. NMO GA

                                CROSSLINE          INLINE
PG1 495319.50          6770779.45          5000.00
PG2 509307.0          677771.45          1408.00
PG3 495300.5          677374.00          1000.00
PG4 509340.0          677773.45          1408.00          5710.00

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DISPLAY	
TRACE DENSITY	32 TRACES PER INCH
VERTICAL SCALE	5 INCHES PER SECOND
PLOTTING GAIN	10 DB
POLARITY	REVERSE (HARD) KICK RIGHT

HORIZONTAL SCALE 1 - 37,795

◀ 1000 M ▶

TRIATHLON

2000 Winkley Road
Ottawa, ON
K2E 9V5
(613) 721-6571

PROJ. NO.

PROJ. NO.

9229-P33-6E

LINE NO. CROSS LINE 1119 PART NO. 1 OF 1 R.R. 8X

R.R. 8X