

ARROWHEAD AOIP-ARR-3D
XSTOLT MIGRATION - INLINE 5652
TIE WELL 6-69-60-40-122.95

9229-P33-6E
WEST

PARAMOUNT RESOURCES LTD.

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

RECORDING INFORMATION

RECORDED FOR
DATE
SOURCE
TYPE
PATTERN
VIB TYPE
LINEAR SWEEP
SWEEP LENGTH
VIB POINT INTERVAL
VIB LINE INTERVAL

PARAMOUNT RESOURCES LTD.
WESTERNCO
JANUARY/FEBRUARY 2002
VIBROSES
4 VIBS INLINE
WEST 18 - 40,000 LBS
5 - 90 HZ
28 SEC
45 M.
500 M.

RECORDING PARAMETERS

RECORDING SYSTEM: SERCEL 408 XL
RECORDING TEMPLATE
RECEIVER LINE INTERVAL
RECEIVER INTERVAL (GRP)
SAMPLING INTERVAL
RECORD LENGTH
LOW CUT FILTER
HIGH CUT FILTER
NOTCH FILTER

10 LINES X 100 CHANNELS
500 M.
2 MS.
5 SEC.
OUT
3/4 NYQUIST MINIMUM PHASE
OUT

DETECTORS

TYPE
PHONES PER GROUP

30 CT
6 OVER 20 M.

GRID INFORMATION

PRIMARY CELL SIZE
SECONDARY CELL SIZE
GRID AZIMUTH

22.5 M.
30 M.
89.89 DEG.

CILGARY PROCESSING CENTER

WesternGeco

PROCESSING SEQUENCE

1. SEG-D CONVERT
2. PREPROCESSING
3. GEOMETRIC SPREADING (AMPLITUDE COMPENSATION)
4. DEPIKE
5. ZONE FILTER (GROUND ROLL SUPPRESSION)
6. SURFACE CONSISTENT DECONVOLUTION
7. SURFACE CONSISTENT AMPLITUDE COMPENSATION (SCAC)
8. SPIKE ATTENUATION
9. TIME VARIANT SPECTRAL WHITENING 6 - 90 HZ
10. SORT TO CELL (CMP) ORDER
11. REFRACTION STATICS DATON - 650 M; REPLACEMENT VELOCITY - 3000 M/SEC
12. REFRACTION STATICS STACK AND VELOCITY ANALYSIS - 2-D RM GRID
13. SURFACE CONSISTENT RESIDUAL STATICS (WISER)
14. VELOCITY ANALYSIS 1-M RM GRID
15. SURFACE CONSISTENT RESIDUAL STATICS (WISER - 2ND PASS)
16. RM VELOCITY ANALYSIS
17. NMO CORRECTION
18. MUTE
19. CMP STACK
20. RANDOM NOISE ATTENUATION (FX DECON)
21. X-STOLT MIGRATION
22. SPECTRAL WHITENING (10 - 90 HZ)
23. TIME VARIANT FILTER
24. RMS GAIN

PG1 495350.99 6707749.53 1000.00 5000.00
PG2 500970.07 6707776.48 1468.00 5000.00
PG3 495350.33 6723724.50 1000.00 5710.00
PG4 500940.30 6723751.45 1468.00 5710.00

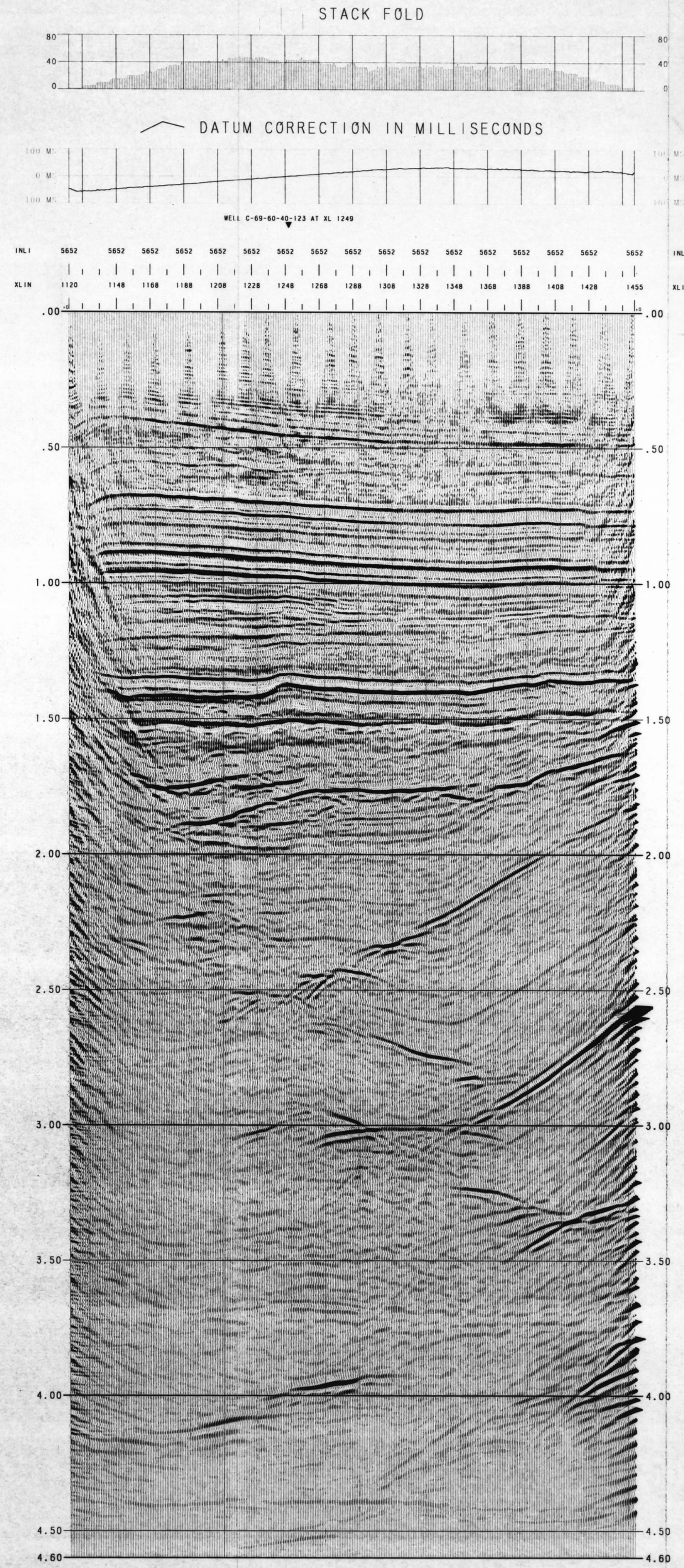
DISPLAY

TRACE DENSITY
VERTICAL SCALE
PLOTTING GAIN
POLARITY

32 TRACES PER INCH
5 INCHES PER SECOND
10 DB
REVERSE (HARD KICK RIGHT)

HORIZONTAL SCALE 1 - 37,795

← 1000 M →



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INLINE 5652
TIE WELL C-69-60-40-123
XSTOLT MIGRATION