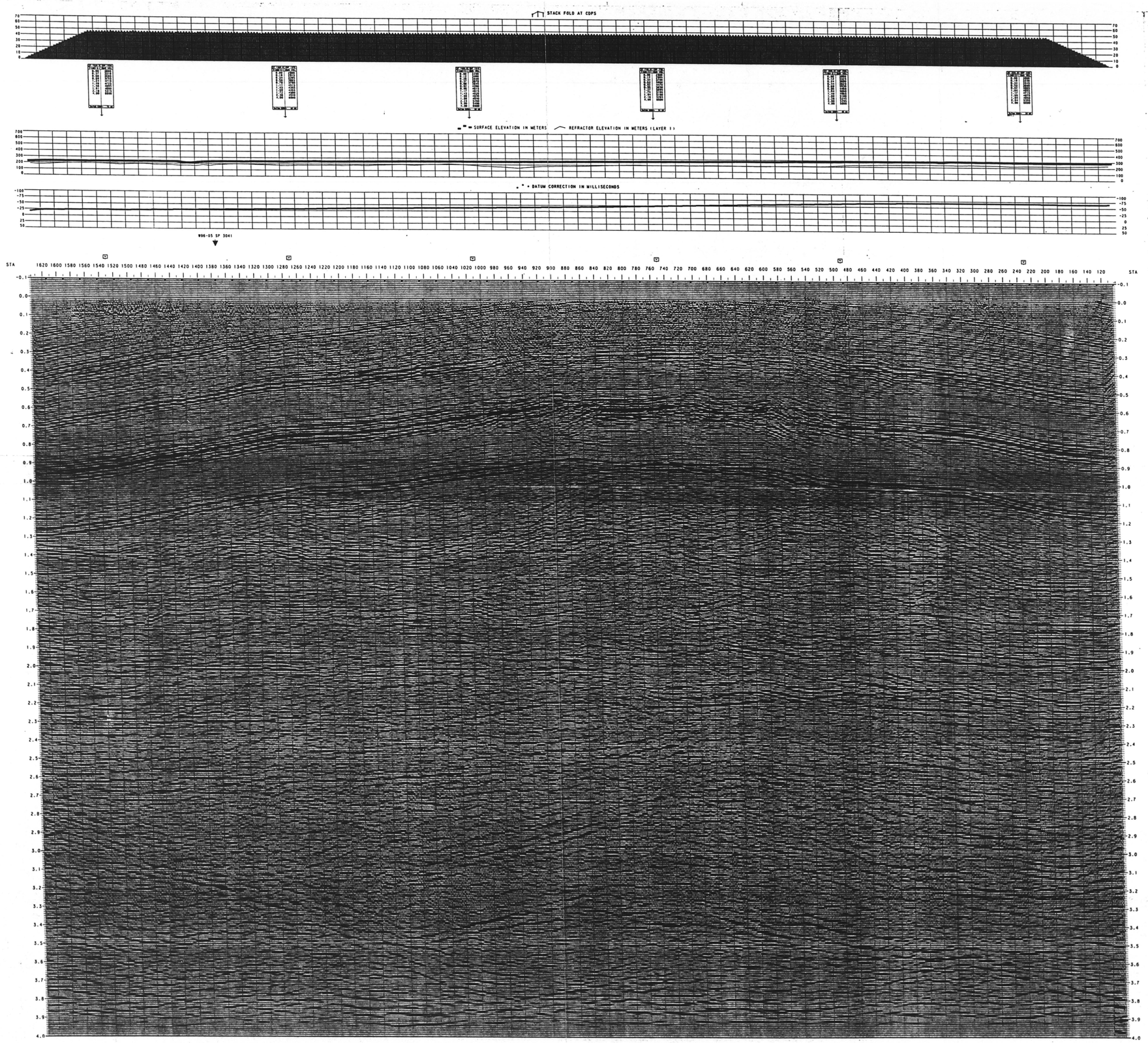
LINE: W96-04
SHOT PTS. 102-1637
MIGRATION SECTION
NORMAL POLARITY



9229-W27-1P

LINE: W96-04
SHOT PTS. 102-1637
MIGRATION SECTION
NORMAL POLARITY

PROPRIETARY DATA OF WESTERN GEOPHYSICAL COMPANY OF AMERICA AND GEOPHYSICAL SERVICE INCORPORATED NOT TO BE SOLD OR TRADED

NORTHWEST

WESTERN GEOPHYSICAL COMPANY
GEOPHYSICAL AND SERVICE INCORPORATED

LINE: W96-04
MACKENZIE BASIN 1996
NORTHWEST TERRITORY

REPLACEMENT VELOCITY: 2500 M/SEC
DATUM PLANE: 200 M.
DATE: 04/30/96
SEISMIC PROCESSING CENTER: JBB + BPZ
APPROVED BY: JM/BM

RECORDING INFORMATION:

RECORDED FOR: WESTERN GEOPHYSICAL
RECORDED BY: WESTERN GEOPHYSICAL PARTY, 972
DATE: 03/27/96

SOURCE:
TYPE: VIBROSEIS
NUMBER OF SOURCES: 1-VIBS, 2 x DWEEPS
SOURCE INTERVAL: 30 METERS
FILT LENGTH: 6 SEC

SPREAD:
NUMBER OF GROUPS RECORDED: 360
GROUPING: FOUR 5 MEW-WAL
SOURCE INTERVAL: 60 METERS
GROUP INTERVAL: 15 METERS

SPREAD GEOMETRY:
TYPE: 360 1 180 180 1
DISTANCE TO METERS: 5400 5 90 + 90 5400
DIRECTION: NORTHWEST SOUTHEAST

RECORDING UNIT:
MAKE (MODEL): V1500-1000 (24 BIT)
NUMBER OF UNITS: 4
RECORD LENGTH: 4 SEC
SAMPLE INTERVAL: 2 MS
LOW CUT FILTER: 385 HZ (72 DB/OCT)
NOTCH FILTER (50 HZ): OUT

DETECTORS:
TYPE: LRS-1011
NATURAL FREQUENCY: 14 HZ

Western Geophysical

PROCESSING SEQUENCE:

1. FORMAT CONVERT:
   DEMULTIPLEX: 2 MS
   PROCESS SEISMIC LENGTH: 4.0 SEC
2. PRE-PROCESSOR:
   GEOMETRY IMPORTED
   DATUM: 200 METERS
   FIELD STATIC COMPUTATION: DATUM ELEVATION = 200 METERS
   CONV. VEL. = 2500 M/SEC
3. OFFSET CONSISTENT AMPLITUDE RECOVERY
4. REFRACTION STATICS: V1 = 2500 M/SEC
5. DECONVOLUTION:
   TYPE: SURFACE CONSISTENT MINIMUM PHASE INVERSE FILTER
   PREDICTIVE DISTANCE: 100 MS
   OPERATOR LENGTH: 1000 MS
   NUMBER OF WINDOWS: 1
   PREWHITENING: .01
6. SPECTRAL WHITENING: WHITENED FROM 10-95 HZ
7. VELOCITY ANALYSIS: VELAMP
8. AUTOMATIC STATICS: W-SEAMP (SURFACE CONSISTENT)
9. VELOCITY ANALYSIS: VELAMP
10. AUTOMATIC STATICS: W-SEAMP (SURFACE CONSISTENT)
11. VELOCITY ANALYSIS: VELAMP
12. CDP TRIM STATICS:
    STACK FOLD: 1000 5
    MAX. SHIFT: 100 MS
    SHIFT: 7.5 MS
13. DIP MOVEOUT: NMO (FIXED) 1MC 12PM
14. STACK
15. FINITE DIFFERENCE MIGRATION
16. SPECTRAL WHITENING: WHITENED FROM 10-95 HZ
17. ANNUAL PREDICTIVE FILTER
18. TIME VARIANT FILTER:

TIME (MS)	LOW CUT	HIGH CUT
0.0-1.0	12 HZ	80 HZ
1.0-2.0	10 HZ	70 HZ
2.0-3.0	12 HZ	60 HZ
3.0-4.0	12 HZ	50 HZ

19. GAIN: TIME VARIANT TRACE EQUALIZATION
20. Z TO I SUM

DISPLAY:

HORIZONTAL SCALE: 25 TRACES PER INCH
VERTICAL SCALE: 2.5 INCHES PER SECOND
PLOTTED POLARITY: POSITIVE NUMBER = PEAK

HORIZONTAL SCALE: 1 IN = 500 M
66.67 TRACE INTERVALS = 1 KILOMETER
1.0 KILOMETER

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Tel (613) 731-9571
Fax: (613) 731-0463

PROJ. NO. 9229-W27-1P

LINE NO. W96-04

PART NO. 1 OF 1

R.R. 5.5X