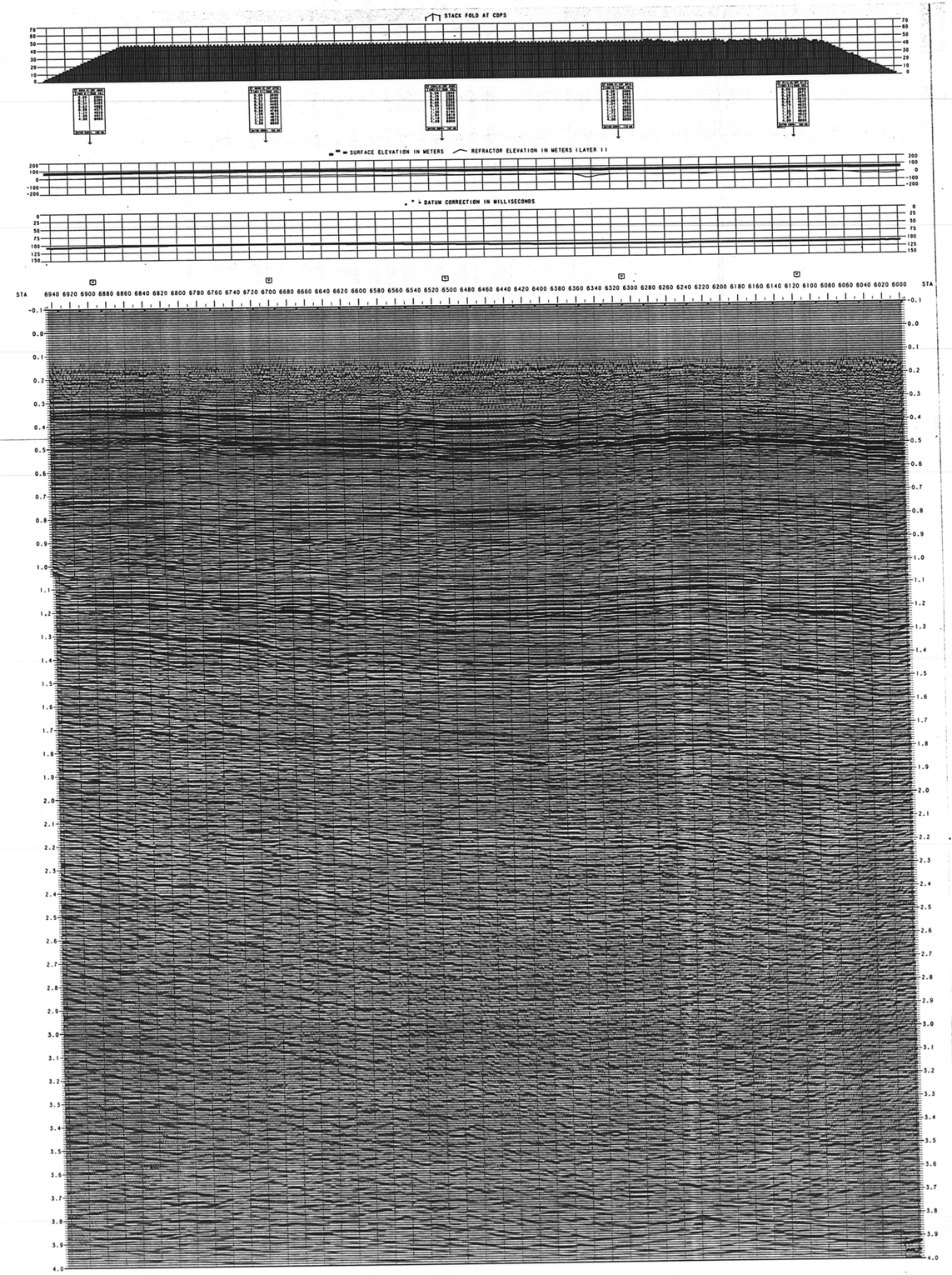
LINE: W96-02
SHOT PTS. 5997-6949
MIGRATION SECTION
NORMAL POLARITY



9229-W27-1P

LINE: W96-02
SHOT PTS. 5997-6949
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 AND SERVICE COMPANY INCORPORATED

LINE: W96-02
MACKENZIE BASIN 1996
NORTHWEST TERRITORY

REPLACEMENT VELOCITY: 2500 M/SEC
DATUM PLANE: 200 M.
DATE: 04/30/96
SEISMIC PROCESSING CENTER: JOB # 9962
APPROVED BY: JB/BH

RECORDING INFORMATION:

RECORDED FOR: WESTERN GEOPHYSICAL
RECORDED BY: WESTERN GEOPHYSICAL PARTY, #29
DATE: 03/20/96

SOURCE:
TYPE: VIBROSEIS
NUMBER OF SOURCES: 2 VIBS, 2 x SWEEPS
SOURCE INTERVAL: 50 METERS
FLIP LENGTH: 6 SEC.

SPREAD:
NUMBER OF GROUPS RECORDED: 360
CONFIGURE: FOUR 5 HOM/WAL
SOURCE INTERVAL: 80 METERS
STATION INTERVAL: 10 METERS

SPREAD GEOMETRY:
TYPE: 1-360 - 181 - 360
DISTANCE IN METERS: 1-180 - 50 - 8.90
DIRECTION: NORTHWEST - SOUTHEAST

RECORDING UNIT:
MAKE / MODEL: VISION-1000 (24 BIT)
SAMPLE RATE: 2 SEC
RECORD LENGTH: 6SEC
LOW CUTOFF(HZ): 2HZ
HIGH CUTOFF(HZ): 250 HZ (72 DB/OCT)
NOTCH FILTER (50 HZ): OUT

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

Western Geophysical

PROCESSING SEQUENCE:

1. FORMAT CONVERT:
   SAMPLE RATE CONVERT: 2 MS
   PROCESS RECORD LENGTH: 4.0 SEC
2. PRE-PROCESSOR:
   GEOMETRY COMPUTATION
   SORT TO CDP GATHERS
   FIELD STATIC COMPUTATION: DATUM ELEVATION = 200 M
   CONS. 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: 2 MS
   OPERATOR LENGTH: 200 MS
   STAT. AUTOCORR. WINDOWS: 1-1500
   NUMBER OF WINDOWS: 1
   PREWHITENING: .01%
6. SPECTRAL WHITENING: WHITENED FROM 10-95 HZ
7. VELOCITY ANALYSIS: VELAMP
8. AUTOMATIC STATICS: WISCAMP (SURFACE CONSISTENT)
9. VELOCITY ANALYSIS: VELAMP
10. AUTOMATIC STATICS: WISCAMP (SURFACE CONSISTENT)
11. VELOCITY ANALYSIS: VELAMP
12. CDP TRIM STATICS:
    STACK FOLD: 4500 I
    MODEL: 2 CDPS
    SHIFT: 10 MS
13. DIP MOVEOUT:
    TYPE: STORM; 1MC 120M
14. STACK
15. FINITE DIFFERENCE MIGRATION
16. SPECTRAL WHITENING: WHITENED FROM 10-95 HZ
17. ANGEL PREDICTIVE FILTER
18. TIME VARIANT FILTER:

TIME (MS)	LOW CUT HZ (BLACK)	HIGH CUT HZ (BLACK)
0.0-1.0	7 - 10	80 - 72
1.0-2.0	10 - 14	72 - 60
2.0-4.0	14 - 18	60 - 50

19. GAIN: TIME VARIANT TRACE EQUALIZATION
20. 2 TO 1 SUM

DISPLAY:

HORIZONTAL SCALE: 20 TRACES PER INCH
VERTICAL SCALE: 2.5 INCHES PER SECOND
REDUCTION RATIO: FULL SIZE
PLEASANT POLARITY: POSITIVE NUMBER = PEAK

HORIZONTAL SCALE: 1 IN = 500 M
80.0% TRACE INTERVALS = 1 KILOMETER

1.0 KILOMETER

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Fax: (613) 731-0463

PROJ. NO. 9229-W27-1P LINE NO. W96-02 PART NO. 1 OF 1 R.R. 5.5X