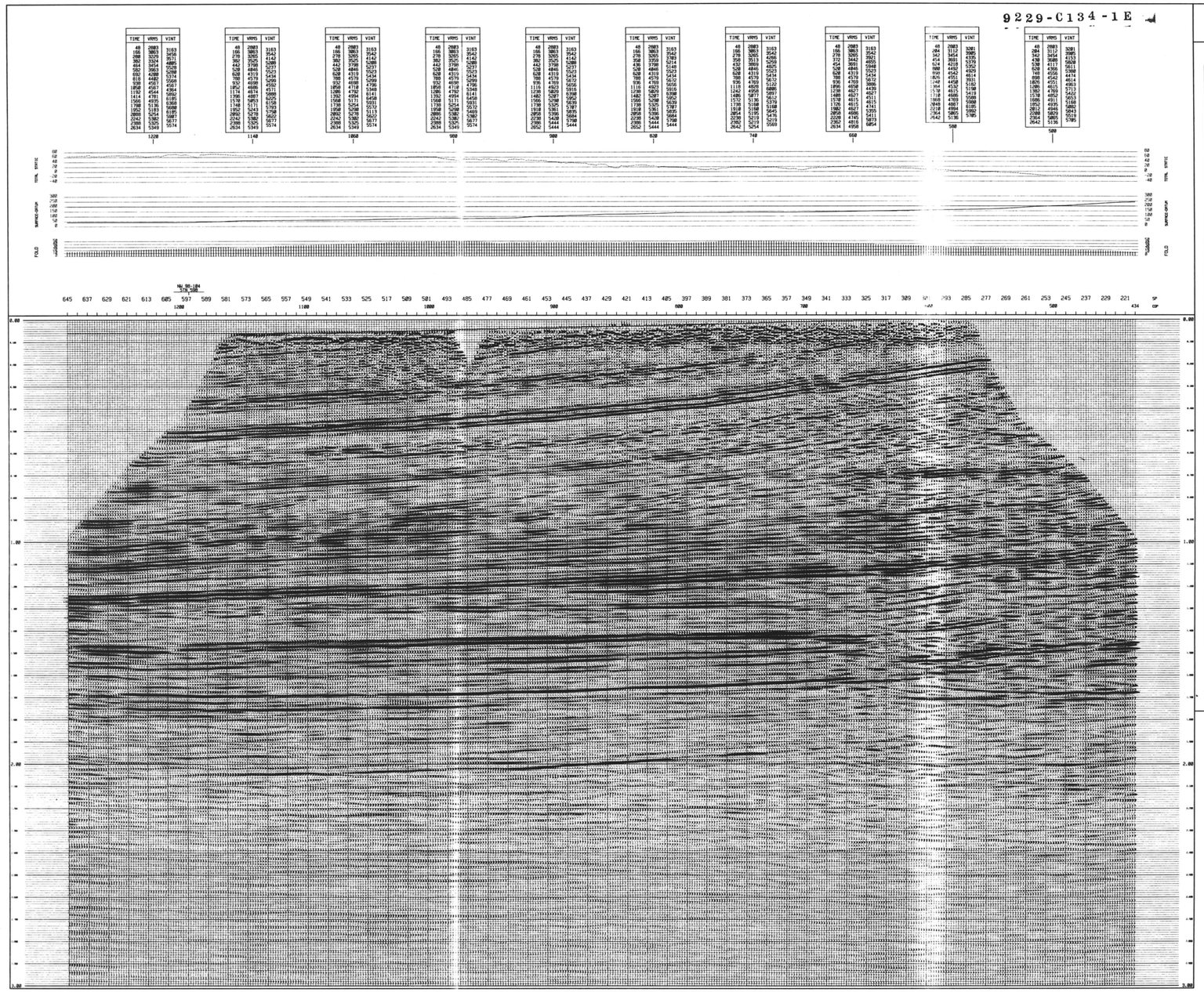

GREY WOLF Exploration Inc.

NORTH-EAST

AREA : NORMAN WELLS
LINE : NW 98-106
S.P. : 217 - 645
LOCATION : N.W.T.
NTS: 96E1.2

MIGRATED
FK STRUCTURE STACK
NORMAL POLARITY

RECORDING PARAMETERS

SHOT FOR : GREY WOLF EXPLORATION INC.
DRILLED BY : TRACE EXPLORATION LTD.
SHOT LOCATION DATE : 1 - 3 FEBRUARY 1998
ENERGY SOURCE : 1 VIBROTRUCK, LITTON-315, SPACED 12M.
4 SWEEPS, RANGE 18H.Z. TO 45 HZ, 8L=15 HZ
+30DEGR. .3 SEC STARTING TAPER

RECORDING SYSTEM : I/O SYSTEM THO
FIELD FILTER : OUT
FIELD FILTER : 8 - 387 HZ
NOTCH FILTER : OUT
NOTCH FILTER : OUT
SAMPLE RATE : 2 MS
RECORD LENGTH : 3000 MS

NO. OF CHANNELS : 300
GROUP INTERVAL : 10 M
SHOT INTERVAL : 20 M S.P. 109-636
FOLD INTERVAL : 10000%
SHOT INTERVAL : 40 M S.P. 641-1441
FOLD : 4500%

SPREAD DIAGRAM

PROCESSED BY
Veritas DGC Land Inc.
DATE : APRIL 1998
PROCESSOR : DAVID LAFLEUR
O.C. : ROBERT BENNETH

PROCESSING SEQUENCE

1. DEMULTIPLEX / REFORMAT
2. ASSIGN GEOMETRY
3. TRACE EDITS
4. AMPLITUDE RECOVERY
   EXPONENTIAL GAIN CORRECTION
5. DECONVOLUTION
   TYPE : 5-COMPONENT SURFACE-CONSISTENT SPIKING
   OPERATOR LENGTH : 80 MS
   PREWHITENING : 0.1%
   DESIGN WINDOW : 1000 - 3000 MS
   PRE DECON : 1000 - 3000 MS AT 2275 M
   PRE DECON OFFSET : 1100 - 2000 MS AT 2275 M
6. TRACE EQUALIZATION
   WINDOW : 1000 - 3000 MS AT 0 M
   : 1100 - 2000 MS AT 2275 M
7. ELEVATION, WEATHERING AND DRIFT CORRECTIONS
   DATUM : DELUN TYPE
   DATUM ELAB (M) : 0.00 M
   WEATHERING VEL. : 2100 M/S
   REPLACEMENT VEL. : 3353 M/S
   BULK SHIFT : 0 MS
8. CDP SORT
9. NMO CORRECTION (PRELIMINARY)
10. SURFACE-CONSISTENT RESIDUAL STATICS
    TYPE : AUTOMATIC RESIDUAL STATICS COMPUTATION
    WINDOW : 1000 - 2000 MS MAX. +/- 10 MS
    S.C. : COMMON SHOT AND RECEIVER STACKS
11. FINAL NMO CORRECTION
    PRELIMS INCREMENT : 600 M
    VELOCITIES COMPUTED FROM FLOATING DATUM.
    SHOWN AS SLIP AT TOP OF SECTION
12. FK NOISE ATTENUATION : SHOT DOMAIN
    TYPE : FK DOMAIN IMPULSE RESPONSE
    DIP FILTER : +-0.5 MS/M
    ROLLOFF : 0.5
13. MUTE
    DISTANCE (M) : 100 300 600 1410 2753
    TIME (MS) : 10 200 400 900 1300
14. CDP TRIM STATICS
    WINDOW : 1000 - 2000 MS MAX. +/- 10 MS
15. STACK
16. FK NOISE ATTENUATION (0 - 500 MS.)
    BLOCK : 101 TRACES X 500 MS
    BLOCK LEN. : 101 TRACES
    ROLLOFF : 40%
17. MIGRATION
    TYPE : DMIGX-X FINITE DIFFERENCE
    DIP : 90 DEGREES
    DIP STEP : 1 DEG
    VELOCITY : 100% STACKING
18. FILTER
    TYPE : ZERO PHASE BANDPASS
    PASS BAND : 18/14 +/ 88/100 HZ
19. TRACE EQUALIZATION
    WINDOW : 1000 - 2000 MS

DISPLAY PARAMETERS

HORIZONTAL SCALE : 12 TRACES/INCH
VERTICAL SCALE : 7.5 INCHES/SECOND (EVERY 2ND TRACE)

TRIATHLON 2000 Midday Road Ottawa, ON K1E 3P6 (613)731-8571

LINE NO. NW 98-106 PART NO. 1 OF 1 R.R. 5.5X

9229-C134-1E