6943 3472 | 6893 3447 | 6843 3422 | 6793 3397 | 6743 3372 | 6693 3347 | 6643 3322 | 6593 3297 | 6543 3272 | 6493 3247 | 6443 3222 | 6393 3197 | 6343 3172 | 6293 3147 | 6243 3122 | 6193 3097 | 6143 3072 | 6093 3047 STATION CDP

0.00 | 1.00 | 2.00 | 3.00 | 4.00

NORTHEAST

AREA : KEELE ARCH
LINE : 64X
S.P. : 101 - 1251
LOCATION : N.W.T.

MIGRATION STACK

NORMAL POLARITY

RECORDING PARAMETERS

SHOT FOR : CHEVRON CANADA RESOURCES LTD.
SHOT BY : WESTERN GEOPHYSICAL
ACQUISITION DATE : FEB. 1991.

ENERGY SOURCE : DINAMITE
SOURCE PATTERN : SINGLE HOLE
CHARGE SIZE : 2.0 KG 13 M

RECORDING SYSTEM : DFS-V
FORMAT : SEG B
FIELD FILTER : 0 - OUT 180 HZ
NOTCH FILTER : OUT
RECEIVERS : 24 HZ, 14 HZ, 9 PHONES OVER 30 M
SAMPLE RATE : 2 MS
RECORD LENGTH : 15 SEC

NO. OF CHANNELS : 120
GROUP INTERVAL : 30 M
S.P. INTERVAL : 60 M
FOLD : 2000%

SPREAD DIAGRAM

PROCESSING SEQUENCE

DATE PROCESSED: APRIL, 1999.

1) DEMULTIPLEX FROM SEG-B FORMAT
2) GAIN CORRECTION - TYPE: EXPONENTIAL
3) LINE GEOMETRY
4) SURFACE CONSISTENT DECONVOLUTION & SCALING
   OPERATOR LENGTH: 100 MS
   PREWHITENING: 0.1%
   DESIGN GATE: 0.350 - 3.500 SEC AT 45 M
   0.650 - 3.700 SEC AT 1815 M
5) ZERO PHASE FREQUENCY DECONVOLUTION
6) TRACE BALANCE
7) ELEVATION CORRECTIONS ONLY (SEE NOTE 1)
   REPLACEMENT VELOCITY: 3047 M/SEC
   DATUM ELEVATION: 305 M A.S.L.
8) VELOCITY ANALYSIS
   TYPE: COHERENCY SPECTRUM
9) AUTOMATIC RESIDUAL STATICS
   WINDOW: 0.200 - 2.500 SEC
   MAXIMUM STATIC: +/- 30 MSEC
10) REPEAT STEPS 8 & 9: 4
11) NMO
12) MUTE:

OFFSET	MUTE TIME
450 M.	0.000 SEC.
900 M.	0.200 SEC.
1575 M.	0.500 SEC.
1815 M.	0.696 SEC.

13) SPECTRAL WHITENING: 10 - 115 HZ
14) TRIM STATICS
   WINDOW: 0.20 - 2.5 SEC
   MAXIMUM STATIC: +/- 12 MSEC
15) STACK
16) AGC SCALING: WINDOW = 500 MSEC
17) F-X DECONVOLUTION: FOOTBACK = 50%
18) FINITE DIFFERENCE MIGRATION
   TAU STEP: 20 MS
   VELOCITY: 100%
19) BANDPASS FILTER : 12/16 - 75/85 HZ

****NOTE 1) THE FIRST BREAKS WERE PICKED BUT WERE VERY NOISY AND INCONSISTENT OVER MANY PORTIONS OF THE LINE. REFRACTION STATICS WERE CALCULATED AND APPLIED, BUT BUSTED THE LINE IN MANY AREAS, CONSEQUENTLY, ONLY ELEVATION AND DATUM STATIC CORRECTIONS WERE USED, DERIVING LONG WAVELENGTH MX STATICS IN THE DATA.

DISPLAY PARAMETERS

HORIZONTAL SCALE : 24 TRACES/INCH
VERTICAL SCALE : 5.0 INCHES/SECOND

TRIATHLON PROJ. NO. 9227-A61-2DA

LINE NO. 64x

PART NO. 1 OF 2 R.R. 8X

TRIATHLON 3300 Walney Road Ottawa, ON K1G 5P9 (613) 731-8571 PROJ. NO. 9227-A61-2DA LINE NO. 64x PART NO. 2 OF 2 R.R. 8X