GREY WOLF Exploration Inc.

SOUTH-EAST

AREA : NORMAN WELLS
LINE : NW 98-102
S.P. : 105 - 705
LOCATION : N.W.T.
NTS: 96E1.2

MIGRATED
FK STRUCTURE STACK

REVERSE POLARITY

RECORDING PARAMETERS

SHOT FOR : GREY WOLF EXPLORATION INC.
SHOT BY : TRACE EXPLORATION LTD.
ACQUISITION DATE : FEBRUARY, 1998
ENERGY SOURCE : 4 VIBRATORS, LITTON-315, SPACED 10M
: SWEEPS: PRIMARY TIME: 5.0SEC-0.1HZ
:300/CT. 1.5 SEC STRAY/RED NAPER

RECORDING SYSTEM : I/O SYSTEM THO
SYSTEM : SERIES 2
FILTER : 0 - 187 HZ
NOTCH FILTER : OUT
REGULATOR : TYPE L-210. 10 HZ. 6 OVER 15 M
RECORDING FORMAT : SEGD
RECORD LENGTH : 5000 MS

NO. OF CHANNELS : 960
SHOT INTERVAL : 110 M S.P. 109-936
FOLD : 120
FOLD INTERVAL : 20M S.P. 941-1441
FOLD : 40MAX.

SPREAD DIAGRAM

PROCESSED BY

Veritas DGC Seismic Exploration Ltd.

DATE : APRIL 1998
PROCESSOR : SENIOR ANALYST
G.C. : MONMENT 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 : 160 MS
   PREDICTIONING : 8 MS
   DESIGN WINDOW:
   NEAR OFFSET : 1000 - 3000 MS AT 0 M
   FAR OFFSET : 1000 - 3000 MS AT 2273 M
6. TRACE EQUALIZATION
   WINDOW : 1000 - 3000 MS AT 0 M
   : 1000 - 3000 MS AT 2273 M
7. ELEVATION, WEATHERING AND DRIFT CORRECTIONS
   DATUM : 0.0M
   DATUM 10.0M MSL : 300 M
   REPLACEMENT VEL. : 1800 M/S
   REPLACEMENT VEL. : 1800 M/S
   BULK SHIFT : 0 MS
8. CDP SORT
9. NMO CORRECTION (PRELIMINARY)
10. SURFACE-CONSISTENT A-LINEAR STATICS
    WINDOW : 800 - 1500 MS ; OFFSET DEPENDENT
    S.C. : COMMON SHOT AND RECEIVER STACKS
11. FINAL NMO CORRECTION
    MUTE STYLE INCREMENT : 6000 M
    INTERPOLATE CORRECTED DATA/ROTATING DATUM
    SHOW PS RELF AT TOP OF SECTION
12. FK NOISE ATTENUATION - SHOT DOMAIN
    TYPE : FK FILTER - FINITE IMPULSE RESPONSE
    CUT-OFF FILTER : 1-2-5-7 HZ
    FREQUENCY : 0 L
    HORIZONTAL
13. MUTE
    DISTANCE (M) : 100 300 600 1410 2703
    TIME (MS) : 10 1000 4500 5000 1500
14. CDP TRIM STATICS
    WINDOW : 100 - 2000 MS MAX. +/- 10 MS
15. STACK
16. FK NOISE ATTENUATION (0.0 - 500 MS.)
    BLOCK : 101 TRACES X 500 MS
    FILTER LEN. : 101 TRACES
    WINDOW : 40%
17. MIGRATION
    TYPE : OMEGA-X FINITE DIFFERENCE
    DIP : 60 DEGREES
    TIME STEP : 4 MS
    VELOCITY : 1800 STRETCHING
18. FILTER
    TYPE : ZERO PHASE BANDPASS
    PASS BAND : 10/14 - 80/100 HZ
19. TRACE EQUALIZATION
    WINDOW : 700 - 2000 MS

DISPLAY PARAMETERS

HORIZONTAL SCALE : 40 TRACES/INCH
VERTICAL SCALE : 7.5 INCHES/SECOND

TRIATHLON
2800 Walkley Road
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PROJ. NO. 9229 C134-1E LINE NO. NW 98-102 PART NO. 1 OF 1 R.R. 5.5X

0 10 20 30 40 50