9229-C134-1E

GREY WOLF Exploration Inc.

NORTH-EAST

AREA : NORMAN WELLS
LINE : NW 98-01
S.P. : 113 - 1949
LOCATION : N.W.T.
NTS: 96E1.2

MIGRATED
FK STRUCTURE STACK

REVERSE POLARITY

RECORDING PARAMETERS

SHOT FOR : GREY WOLF EXPLORATION INC.
SHOT BY : TRIDENT EXPLORATION CO.
RECORDING DATE : MARCH 1998
ENERGY SOURCE : 3 SUBSURFACE LAYTON-315- SERVICED ISM
: 1 SUBSURFACE LAYTON-315- SERVICED ISM
: NOV/OCT. 1998 - 2 SHOTS 15 HZ
: NOV/OCT. 1998 - 2 SHOTS/SHOT TAMPER

RECORDING SYSTEM : I/O SYSTEM TWO
FORMAT : SEG-D
HIGH FILTERS : OUT 307 HZ
LOW FILTER : OUT
RECEIVERS : FRONT L-210, 18 HZ. 6 OVER 15 M
RECEIVER SPACE : 50 M
RECORD LENGTH : 5000 MS

NO. OF CHANNELS : 960
SHOT INTERVAL : 240 M
FOLD INTERVAL : 20 M S.P. 113-697
SHOT INTERVAL : 240 M
FOLD INTERVAL : 10 M S.P. 701-1949

SPREAD DIAGRAM

PROCESSED BY
DECTRA SEISMIC PROCESSING LTD.
DATE : APRIL - 1998
PROCESSOR : GREYLOLF
G.C. : HERBERT BERNETH

PROCESSING SEQUENCE

1. DEMULTIPLEX / REFORMAT
2. ASSIGN GEOMETRY
3. TRACE EDITS
4. AMPLITUDE RECOVERY
   : EXPONENTIAL GAIN CORRECTION
5. DECONVOLUTION
   TYPE : S-COMPONENT SURFACE-CONSISTENT SPIKING
   OPERATOR LENGTH : 48 MS
   DESIGN WINDOW : 48 MS
   DESIGN WINDOW
   NEAR OFFSET : 2000 - 20000 MS AT 20 M
   FAR OFFSET : 11000 - 20000 MS AT 20 M
6. TRACE EQUALIZATION
   WINDOW : 2000 - 20000 MS AT 20 M
   : 2000 - 20000 MS AT 20 M
7. ELEVATION, WEATHERING AND DRIFT CORRECTIONS
   DATUM : SEA LEVEL
   DEPTH 18.00 MSL : 300 M
   REPLACEMENT VEL. : 4500 M/S
   WEATHERING VEL. : 4500 M/S
   BULK SHIFT : 100 MS
8. CDP SORT
9. NMO CORRECTION (PRELIMINARY)
10. SURFACE-CONSISTENT RESIDUAL STATICS
    TYPE : AUTOMATIC RESIDUAL STATICS COMPUTATION
    WINDOW : 1000 - 2000 MS, 1000 - 2000 MS
    SCALE : COMMON SHOT AND RECEIVER STACKS
11. FINAL NMO CORRECTION
    MUTE : 1000 MS
    VELOCITIES DERIVED FROM FLOATING DATUM, SHOWN AS SLOP AT TOP OF SECTION
12. FK NOISE ATTENUATION - SHOT DOMAIN
    DIP FILTER : TIME DOMAIN IMPULSE RESPONSE
    DIP : 0.5-5 MS/TR
    MODULUS : 0 - 1
13. MUTE
    DISTANCE (M) : 1000 2000 4000 6000 14140 27003
    TIME (MS) : 1000 2000 4000 5000 5000 5000
14. CDP TRIM STATICS
    WINDOW : 1000 - 2000 MS MAX. +/- 10 MS
15. STACK
16. FK NOISE ATTENUATION (0.0 - 5000 MS)
    BLOCK : 100 TRACES X 5000 MS
    OVERLAP LEN. : 25 TRACES
    MODULUS : ABS.
17. MIGRATION
    TYPE : OMEGA-X FINITE DIFFERENCE
    DIP : 90 DEGREES
    TAU STEP : 100 MS
    VELOCITY : 4500 M/S
    : 10MS STRETCHING
18. FILTER
    TYPE : ZERO PHASE BANDPASS
    PASS BAND : 18/14 - 80/100 HZ
19. TRACE EQUALIZATION
    WINDOW : 1000 - 2000 MS

DISPLAY PARAMETERS

HORIZONTAL SCALE : 48 TRACES/INCH
VERTICAL SCALE : 7.5 INCHES/SECOND

TRIATHLON 2800 Walkley Road Ottawa, ON K1B 3G6 (613) 731-6571

LINE NO. NW 98-1

PROJ. NO. 9229 C134-1E

PART NO. 1 OF 2

R.R. 5.5X