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

NORMAL POLARITY

RECORDING PARAMETERS

SHOT FOR : GREY WOLF EXPLORATION INC.
DRILLED BY : PARKS EXPLORATION LTD.
ACQUISITION DATE : MARCH 1998
ENERGY SOURCE : 3 VIBROSEIS, LITTON-315, SPACED 10M
: SWEEP 8-64 HZ, 20 SEC SWEEP, 2 SEC TAPER 10 HZ
: ABSOLUT, 15 SEC SWEEP/4SEC TAPER

RECORDING SYSTEM : I/O SYSTEM TWO
FILTERS : 3.7 207 HZ
FIELD FILTER : OFF
RECEIVER TYPE : OYO L-21B, 10 HZ, 6 OVER 15 M
SAMPLE RATE : 2 MS
RECORD LENGTH : 3000 MS

NO. OF CHANNELS : 300
SHOT INTERVAL : 10 M
SHOT INDEXING : 1 M S.P. 113-697
FOLD : 30FOLD
FOLD INTERVAL : 10M S.P. 701-1949
FOLD INDEXING : 10M

SPREAD DIAGRAM

PROCESSED BY
CALGARY GEOPHYSICAL SERVICES PROCESSORS LTD.
DATE : APRIL 1998
PROCESSOR : DAVID LEDER
CLIENT : HERMANT BERNSTEN

PROCESSING SEQUENCE

1. DEMULTIPLEX / REFORMAT
2. ASSIGN GEOMETRY
3. TRACE EDITS
4. AMPLITUDE RECOVERY
   SPHERICAL DIV. GRID CORRECTION
5. DECONVOLUTION : 5-COMPONENT SURFACE-CONSISTENT
   TYPE : SPIKING
   OPERATOR LENGTH : 80 MS
   PREDICTION : 8 MS
   DESIGN WINDOW : 200 - 2000 MS
   NEW SPECTRUM : 1300 - 3000 MS AT 0.0 M
   NEW SPECTRUM : 1300 - 3000 MS AT 2275 M
6. TRACE EQUALIZATION
   WINDOW : 1300 - 3000 MS AT 0.0 M
   : 1300 - 3000 MS AT 2275 M
7. ELEVATION, WEATHERING AND STATIC CORRECTIONS
   DATUM (ELEV) : 1300 M
   DATUM (ELEV MSL) : 1300 M
   REPLACEMENT VEL. : 3000 M/S
   REPLACEMENT VEL. : 1800 M/S
   SOLN SUPPT : 1300 M/S
8. CDP SORT
9. NMO CORRECTION (PRELIMINARY)
10. SURFACE-CONSISTENT RESIDUAL STATICS
    TYPE : SURFACE-CONSISTENT RESIDUAL STATICS COMPUTATION
    WINDOW : AUTOMATIC RESIDUAL STATICS COMPUTATION
    WINDOW : 200 - 2000 MS, 0 - 2275 M
    SLC : COMMON SHOT AND RECEIVER STACKS
11. FINAL NMO CORRECTION
    MUTE STRETCH : 1500 M
    VELOCITY DATUM : 1300 M (ELEVATION FOR FLOATING DATUM, SHOWN AS ELEV FROM TOP OF SECTION)
12. FK NOISE ATTENUATION - SHOT DOMAIN
    TYPE : FK DOMAIN, ZERO PHASE IMPULSE RESPONSE
    DIP FILTER : 1 - 14 % DIP
    SMOOTHING : 1 - 14 % DIP
    REDUNDANCY : 0.5
13. MUTE
    DISTANCE (M) : 1000 2000 4000 6000 8000 10000
    TIME (MS) : 10 1000 4000 4000 4000 4000
14. CDP TRIM STATICS
    WINDOW : 1000 - 2000 MS MAX. +/- 10 MS
15. STACK
16. FK NOISE ATTENUATION 1.0 - 5000 MS
    BLOCK : 128 TRACES X 5000 MS
    BLOCK LEN. : 128 TRACES
    REDUNDANCY : 400
17. MIGRATION
    TYPE : OMEGA-X FINITE DIFFERENCE
    TYPE : 90 DEGREE
    DIV STEP : 0.5 M
    VELOCITY : USING STACKING
18. FILTER
    TYPE : ZERO PHASE BANDPASS
    PASS BAND : 10-14 - 60-100 HZ
19. TRACE EQUALIZATION
    WINDOW : 1000 - 2000 MS

DISPLAY PARAMETERS

HORIZONTAL SCALE : 10 TRACES/INCH (EVERY 2ND TRACE)
VERTICAL SCALE : 7.5 INCHES/SECOND

TRIATHLON 2000 Windhorst Road Ottawa, ON K1B 3P6 (613)731-5571

PROJ. NO 8229 C134-1E LINE NO. NW 98-1

PART NO. 1 OF 3 R.R. 5.5X