9229-C134-1E

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
NORMAL POLARITY

RECORDING PARAMETERS

SHOT FOR : GREY WOLF EXPLORATION INC.
SHOT BY : TRACE EXPLORATION LTD.
PROJECTION DATE : 9 MAY 1990
ENERGY SOURCE : 2 VIBRATORS, LITTON-315, SPACED 15M
: 2 SWEEPS, MODULF 18M-5 SEC-8-118 HZ
: HOOKUP: .15 SEC STRAIGHT TAPER
RECORDING SYSTEM : I/O SYSTEM TWO
FIELD FILTER : OUT 187 HZ
NOTCH FILTER : OUT
GEOPHONES : 2 PER L-21B. 18 HZ. 6 OVER 15 M
SAMPLE RATE : 2 MS
RECORD LENGTH : 3000 MS
NO. OF CHANNELS : 300
GROUP INTERVAL : 15 M
FIELD INTERVAL : 30M S.P. 189-936
SHOT INTERVAL : 30M
POLE INTERVAL : 30 M S.P. 941-1441
FOLD : 45MAX

SPREAD DIAGRAM

PROCESSED BY
GEOCAN PROCESSING LTD.
DATE : APRIL 1990
PROCESSOR : DAVID WEBB
G.C. : KENNETH 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
   PREDICTIVE : BLIT
   DESIGN WINDOW : 1500 - 3000 MS AT 0 M
   : 1100 - 2300 MS AT 2273 M
   PREW DP-EXT : 1 PERCENT
6. TRACE EQUALIZATION
   WINDOW : 1500 - 3000 MS AT 0 M
   : 1100 - 2300 MS AT 2273 M
7. ELEVATION, WEATHERING AND DRIFT CORRECTIONS
   DATUM : DELOY TIME
   DATUM (ELOR MS) : 0 MS
   WEATHERING VEL. : 1800 M/S
   REPLACEMENT VEL. : 3950 M/S
   BULK SHIFT : 0 MS
8. CDP SORT
9. NMO CORRECTION (PRELIMINARY)
10. SURFACE-CONSISTENT REGIONAL STATICS
    TYPE : SUCCESSIVE REGIONAL STATICS COMPUTATION
    WINDOW : 1500 - 3000 MS, TRACE 1 - 24
    G.C. : COMMON SHOT AND RECEIVER STACKS
11. FINAL NMO CORRECTION
    DATUM : 0 MS, 1000 M
    VELOCITY: CALCULATED FROM FLOATING DATUM
    SHOWN AS DELP ON TOP OF SECTION)
12. FK NOISE ATTENUATION - SHOT DOMAIN
    TYPE : TIME DOMAIN IMPULSE RESPONSE
    FK FILTER : 4 TO 15 TRACES
    REDUNDA : 2 - 1 - 1
13. MUTE
    DISTANCE (M) : 100 300 600 1410 2753
    TIME (MS) : 10 200 450 1000 1300
14. CDP TRIM STATICS
    WINDOW : 1100 - 2300 MS MAX. +/- 10 MS
15. STACK
16. FX NOISE ATTENUATION (0.0 - 1000 MS.)
    BLOCK : 101 TRACES X 1000 MS
    FILTER LEN. : 13 TRACES
    REDUNDA : 485
17. MIGRATION
    TYPE : OMEGA-X FINITE DIFFERENCE
    DIP : 90 DEGREES
    TIME STEP : 100 MS
    VELOCITY : 1800 STACKING
18. FILTER
    TYPE : ZERO PHASE BANDPASS
    PASS BAND : 18/14 - 80/100 HZ
19. TRACE EQUALIZATION
    WINDOW : 1500 - 2300 MS

DISPLAY PARAMETERS

HORIZONTAL SCALE : 12 TRACES/INCH (EVERY 2ND TRACE)
VERTICAL SCALE : 1.5 INCHES/SECOND

TRIATHLON 2400 Midway Road Ottawa, ON K1G 3Y5 (613)731-0571

LINE NO. NW 98-102 PART NO. 1 OF 1 R.R. 5.5X

PROJ. NO 8229 C134-1E