9229-C134-1E

GREY WOLF Exploration Inc.

NORTH-EAST

AREA : NORMAN WELLS
LINE : NW 98-105
S.P. : 241 - 649
LOCATION : N.W.T.
NTS: 96E1.2

MIGRATED
FK STRUCTURE STACK

REVERSE POLARITY

RECORDING PARAMETERS

SHOT FOR : GREY WOLF EXPLORATION INC.
SHOT BY : PRINCE EXPLORATION LTD.
PERMITTEE OR OPER : PRINCE EXPLORATION LTD.
ENERGY SOURCE : 3 VIBRATORS: 4.11TON-31S SPACED 12M
2 SWEEPS PER STATION: 8-96 HZ LINEAR
CARRIER: 96 HZ STRATOVIBE TAPER

RECORDING SYSTEM : I/O SYSTEM TWO
FREQUENCY : 96 HZ
FIELD FILTER : 6.2 - 387 HZ
NOTCH FILTER : OUT
SAMPLE RATE : 2 MS L-218. 18 HZ. 6 OVER 15 M
RECORD LENGTH : 5000 MS

NO. OF CHANNELS : 360
GROUP INTERVAL : 15 M
FOLD : 120 FOLD S.P. 189-936
SHOT INTERVAL : 1000M
SHOT INTERVAL : 60 M S.P. 941-1441
FOLD : 40FOLD

SPREAD DIAGRAM

PROCESSED BY

Calgary Seismic Processing Ltd.

DATE : APRIL, 1998
PROCESSOR : DAVID LAU
: HERBERT SEPPATH

PROCESSING SEQUENCE

1. DEMULTIPLEX / REFORMAT
2. ASSIGN GEOMETRY
3. TRACE EDITS
4. AMPLITUDE RECOVERY
   EXPONENTIAL GAIN CORRECTION
5. DECONVOLUTION : S-COMPONENT SURFACE-CONSISTENT
   TYPE : SPIKING
   OPERATOR LENGTH : 80 MS
   WHITENING : .01%
   DENTON WINDOW : 1000 - 2000 MS AT 0 M
   FOR OFFSET : 1100 - 2000 MS AT 2273 M
6. TRACE EQUALIZATION
   WINDOW : 1000 - 2000 MS AT 0 M
   : 1100 - 2000 MS AT 2273 M
7. ELEVATION, WEATHERING AND DRIFT CORRECTIONS
   TYPE : DELAY TIME
   DATUM ELEV REF : 600 M.S.
   WEATHERING VELOC : 2000 M/S
   REPLACEMENT VELO : 3000 M/S
   BULK SHIFT : 0 MS
8. CDP SORT
9. NMO CORRECTION (PRELIMINARY)
10. SURFACE-CONSISTENT RESIDUAL STATICS
    TYPE : AUTOMATIC RESIDUAL STATICS COMPUTATION
    WINDOW : 1000 - 2000 MS REF. +/- 24 MS
    D.C. : COMMON SHOT AND RECEIVER STACKS
11. FINAL NMO CORRECTION
    TYPE : 2000 M
    ANALYSIS INCREMENT : 2000 M
    VELOCITIES COMPUTED FROM FLOATING DATUM.
    SHOWN MS SLIP AT TOP OF SECTION!
12. FK NOISE ATTENUATION - SHOT DOMAIN
    TYPE : FIR DOMAIN IMPULSE RESPONSE
    CUT FILTER : 2-1.5 MS/TR
    REJECTION : 0 %
13. MUTE
    DISTANCE (M) : 1400 3600 6000 1410 2703
    TIME : (MS) : 1800 2000 4500 1800 1800
14. CDP TRIM STATICS
    WINDOW : 1000 - 2000 MS MAX. +/- 18 MS
15. STACK
16. FK NOISE ATTENUATION L.B = 5000 MS.)
    TYPE : TRACES = 5000 MS
    FILTER LEN. : 15 TRACES
    REJECTION : 40%
17. MIGRATION
    TYPE : OMEGA-X FINITE DIFFERENCE
    ANGLE : 60 DEGREES
    TIME STEP : 96 MS
    VELOCITY : 1000% STRETCHING
18. FILTER
    TYPE : ZERO PHASE BANDPASS
    PASS BAND : 18/24 - 88/108 HZ
19. TRACE EQUALIZATION
    WINDOW : 1000 - 2000 MS

DISPLAY PARAMETERS

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

TRIATHLON 2800 Woolley Road Ottawa, ON (613)731-5571

PROJ. NO 9229 C134-1E LINE NO. NW 98-105 PART NO. 1 OF 1 R.R. 5.5X

0 10 20 30 40 50