GREY WOLF Exploration Inc.

SOUTH-EAST

AREA	: NORMAN WELLS
LINE	: NW 98-103
S.P.	: 209 - 825
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.
REGISTRATION DATE : 8 OCTOBER, 1998
ENERGY SOURCE : 4 VIBRATORS, LITTON-316 SPACED 10M
A.SWEEP: 8-96HZ LINEAR UP, 96-8.2HZ
+300-OCT. 1.5 SEC STRAIGHT/ZERO TAPER

RECORDING SYSTEM : I/O SYSTEM TWO
FORMAT : SEG-D
ANTI-ALIAS FILTER : 0.8 - 187 HZ
NOTCH FILTER : OUT
RECEIVER ARRAY : PARK L-210. 10 HZ. 6 OVER 15 M
SAMPLE RATE : 2 MS
RECORD LENGTH : 5000 MS

NO. OF CHANNELS : 960
GROUP INTERVAL : 15 M
FOLD INTERVAL : 120 M S.P. 109-936
SP INTERVAL : 15 M
SP INTERVAL : 60 M S.P. 941-1441
FOLD : 480

SPREAD DIAGRAM

<-----2752.5----><--67.5-><--67.5--> (M)
1 * 961 (TR.)
1 480 * 961

PROCESSED BY

DATE : APRIL 1999
PROCESSOR : DAVID LAPP
G.C. : ROBERT BENNETH

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
   PREDICTION : 8 MS
   DESIGN WINDOW
   START OFFSET : 1000 - 2000 MS AST - 8 M
   END OFFSET : 1100 - 2300 MS AST 2275 M
6. TRACE EQUALIZATION : 1000 - 2000 MS AST - 8 M
   WINDOW : 1100 - 2300 MS AST 2275 M
7. ELEVATION, WEATHERING AND DRIFT CORRECTIONS
   TYPE : DELAY TYPE
   DATUM ELAW ASL : 300 M
   REPLACEMENT VEL.: 3000 M/S
   REPLACEMENT VEL.: 3000 M/S
   BULK SHIFT : 0 MS
8. CDP SORT
9. NMO CORRECTION (PRELIMINARY)
10. SURFACE-CONSISTENT RESIDUAL STATICS
    TYPE : CROSS-CORRELATION TRACE TO TRACE COMPUTATION
    WINDOW : 200 - 2000 MS REF. +/- 25 MS
    S.C. : COMMON SHOT AND RECEIVER STACKS
11. FINAL NMO CORRECTION
    VELOCITY INCREMENT : 200 M
    MUTE : 2 MS BELOW FIRST PLANNING DATUM.
    WORK AS DEEP AS TOP OF SECTION
12. FK NOISE ATTENUATION - SHOT DOMAIN
    TYPE : TIME DOMAIN IMPULSE RESPONSE
    DIP FILTER : +-2.5 MS/M
    ROGBACK : 0 %
13. MUTE
    DISTANCE (M) : 1875 2625 3525 4410 5325
    TIME (MS) : 15 2000 400 1500 1500
14. CDP TRIM STATICS
    WINDOW : 100 - 2000 MS REF. +/- 10 MS
15. STACK
16. FK NOISE ATTENUATION (8.0 - 5000 HZ)
    TYPE : 1D TRACES A 5000 MS
    FILTER LEN. : 15 TRACES
    ROGBACK : 40%
17. MIGRATION
    TYPE : OMEGA-K FINITE DIFFERENCE
    DIP : 90 DEGREES
    TAU STEP : 20 MS
    VELOCITY : 1000; STRETCHING
18. FILTER
    TYPE : ZERO PHASE BANDPASS
    PASS BAND : 10/14 - 80/100 HZ
19. TRACE EQUALIZATION
    WINDOW : 1000 - 2000 MS

DISPLAY PARAMETERS

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

TRIATHLON 2000 Woolley Road NW Calgary, AB T2L 2T6 (403) 731-5571

PROJ. NO. 9229 C134-1E LINE NO. NW 98-103 PART NO. 1 OF 1 R.R. 5.5X