GREY WOLF Exploration Inc.

NORTH-EAST

AREA	: NORMAN WELLS
LINE	: NW 98-105
S.P.	: 241 - 549
LOCATION	: N.W.T. NTS: 98E1.2

MIGRATED
FK STRUCTURE STACK
NORMAL POLARITY

RECORDING PARAMETERS

SHOT FOR	: GREY WOLF EXPLORATION INC.
SHOT BY	: TRACE EXPLORATION LTD.
ACQUISITION DATE	: FEB/MAR/1998
ENERGY SOURCE	: 4 SUBSURFACE VIBRATORS, 1.5TON-3.5T, SPACED 10M 4 SUBSURFACE VIBRATORS 1.5TON-3.5T, SPACED 10M 4 SUBSURFACE VIBRATORS 1.5TON-3.5T, SPACED 10M +SWEEPS: 8-64 HZ, 8-96 HZ, 8-128 HZ +SWEEPS: 1.5 SEC STRAIGHT-END TAPER
RECORDING SYSTEM	: I/O SYSTEM TWO
FORMAT	: SEG-D
FIELD FILTER	: OUT 187 HZ
FIELD GAIN	: 0 DB
RECEIVERS	: OYO HS-1 L-218, 18 HZ. 6 OVER 15 M
SAMPLE RATE	: 2 MS
RECORD LENGTH	: 5000 MS
NO. OF CHANNELS	: 168
SHOT INTERVAL	: 20 M
REC. INTERVAL	: 10 M S.P. 189-936
FOLD	: 84
FOLD INTERVAL	: 10 M S.P. 941-1441
	: 40 M S.P. 1441-549

SPREAD DIAGRAM

PROCESSED BY
GEOCEPTA ENERGY PROCESSING LTD.
DATE : APRIL 1998
PROCESSOR : DAVID LEVINE
D.C. : HERBERT SEYMOUR

PROCESSING SEQUENCE

1. DEMULTIPLEX / REFORMAT
2. RESSIN GEOMETRY
3. TRACE EDITS
4. AMPLITUDE RECOVERY
   EXPONENTIAL GAIN CORRECTION
5. DECONVOLUTION
   TYPE : 5-COMPONENT SURFACE-CONSISTENT
   DEPTHING
   OPERATOR LENGTH : 80 MS
   PREWHITENING : 0.01%
   DESIGN WINDOW : 1000 - 3000 MS AT 0 M
   PAR OFFSET : 1100 - 2000 MS AT 2075 M
6. TRACE EQUALIZATION
   WINDOW : 1000 - 3000 MS AT 0 M
   : 1100 - 2000 MS AT 2075 M
7. ELEVATION, WEATHERING AND SHIFT CORRECTIONS
   TYPE : DELAY TIME
   DATUM (DB.DB MSL) : 0 M
   SUBSURFACE VEL. : 2100 M/S
   REPLACEMENT VEL.: 3000 M/S
   BULK SHIFT : 0 MS
8. CDP SORT
9. NMO CORRECTION (PRELIMINARY)
10. SURFACE-CONSISTENT RESIDUAL STATICS
    TYPE : 2 SUBSURFACE RESIDUAL STATICS COMPUTATION
    WINDOW : 1000 - 2000 MS AT 0 M
    D.C. : COMMON SHOT AND RECEIVER STACKS
11. FINAL NMO CORRECTION
    REFLECTOR DOMINATED : 2000 M
    REFLECTOR DOMINATED FOR FLOATING DATUM.
    SHOWN NO SLIP AT TOP OF SECTION!
12. FK NOISE ATTENUATION - SHOT DOMAIN
    TYPE : FK DOMAIN IMPULSE RESPONSE
    FK FILTER : 0 L 0 FD/TR
    REDUCER : 0 %
13. MUTE
    DISTANCE (M) : 100 300 600 1410 (72)
    TIME (MS) : 10 100 400 1000 (100)
14. LOW TRCH STATICS
    WINDOW : 100 - 2000 MS MAX. +/- 10 MS
15. STACK
16. FK NOISE ATTENUATION - (0 - 500 MS.)
    BLOCK : 101 TRACES X 500 MS
    FILTER LEN. : 101 TRACES
    REDUCER : 40%
17. MIGRATION
    TYPE : OMEGA-X FINITE DIFFERENCE
    DIP : 90 DEGREES
    DIP STEP : 1 DEG
    VELOCITY : 100% STACKING
18. FILTER
    TYPE : ZERO PHASE BANDPASS
    PASS BAND : 10/14 - 80/100 HZ
19. TRACE EQUALIZATION
    WINDOW : 500 - 2000 MS

DISPLAY PARAMETERS

HORIZONTAL SCALE : 12 TRACES/INCH (EVERY 2ND TRACE)
VERTICAL SCALE : 7.5 INCHES/SECOND

TRIATHLON 2000 Woolley Road Ottawa, ON K1S 3P5 (613) 731-8171

PROJ. NO. 8229 C134-1E LINE NO. NW 98-105 PART NO. 1 OF 1 R.R. 5.5X

0 10 20 30 40 50