

26089

Killara-1

OPX89A-63 Stns. 130-688

PHOENIX OIL AND GAS

FINAL STACK

SURVEY : 1989 SHAMROCK
BLOCK : PEP 101 OTWAY BASIN
AREA : ORFORD
STATE : VICTORIA



RECORDING PARAMETERS

RECORDED BY S.S.L PARTY 689
RECORDING DATE 12-16TH FEB 1989
INSTRUMENT - SERIAL 52349 / CS 2502
GAIN : 1, F.P.
FILTERS : LOCUT 840, 1200/OCT,
: HICUT 12540, 2200/OCT.
FIELD TAPES
SINGLE SHEETS: SEG @ 6250 BP1
REELS: 19 - 40
STACK TAPES : SEG @ 6250 BP1
REEL 1
SAMPLE RATE : 4ms
RECORD LENGTH: 5 SECONDS (CORRELATED)
15 SECONDS (UNCORR.)
LINE LENGTH : 11.16 KM

SOURCE DATA
ARRAY : 3 VIBS INLINE
SPACING : 12.5M PAD TO PAD
KEYUP : 5 METRES
SHEEPS : 4 X 10 SECONDS
SHEEP FREQ: 10-75 HZ
APPL. TAPER: 100%
FREQ. TAPER: 250%
SHEEP TYPE : LINEAR UPSHEEP
UP INTERVAL: 20 METRES
UP LOCATION: 110M OFF END.
RECEIVER DATA
GEOPHONE TYPE SM 10HZ
PATTERN IS 18.7M LONG
AND CONSISTS OF 4.5 GEOPHONES IN
PARALLEL, SPACED 1.1M APART.
SPREAD #1 : 110 - 245M

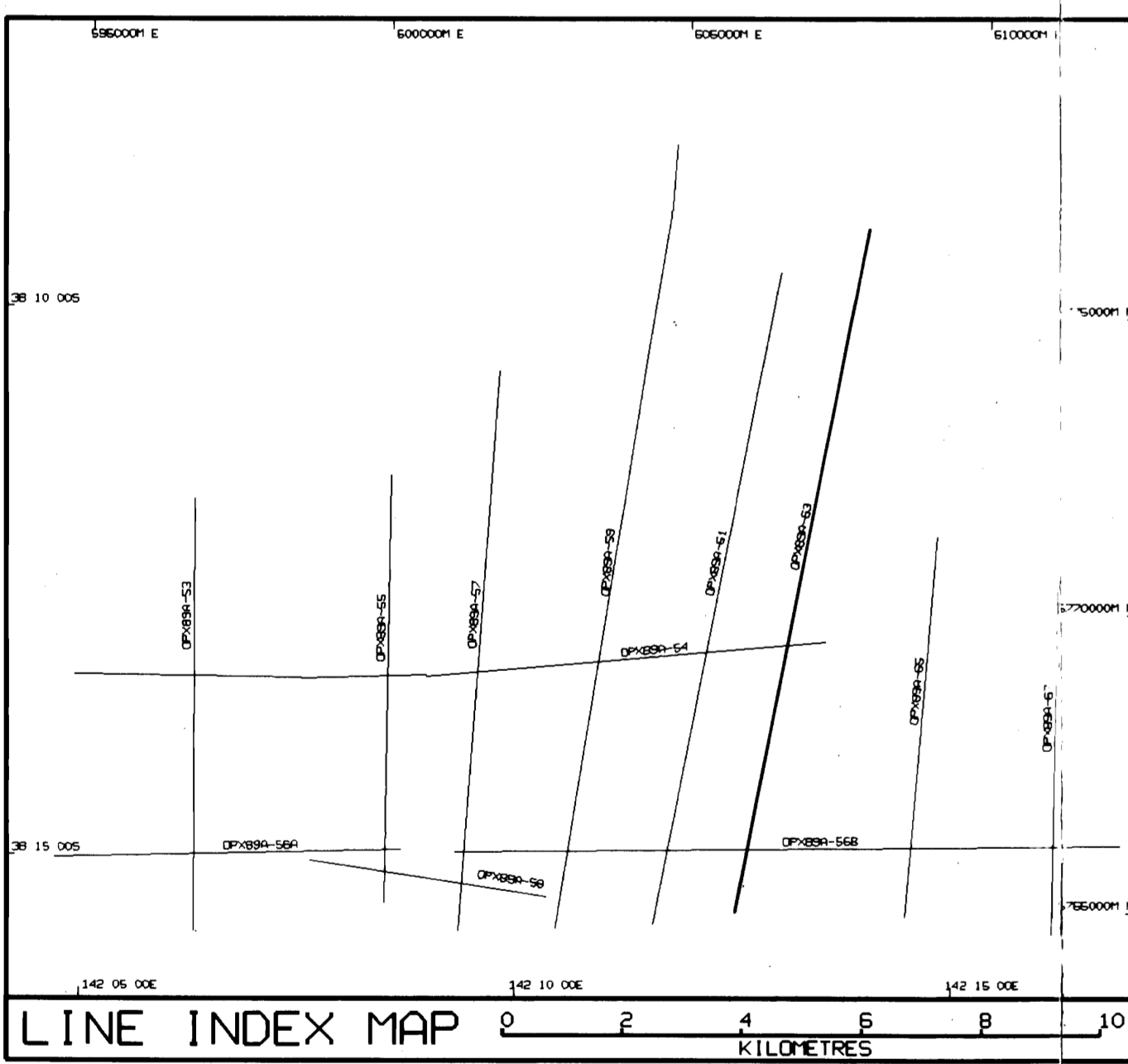
SEQUENCE PROCESSING PARAMETERS

DEMULTIPLY : SSL DEMULTIPLY AND GAIN RECOVERY
PHASE : MINIMUM PHASE CONVERSION AND PROCESS TO 5 SECS.
EDIT BAD TRACES.
FK : MILD FK VELOCITY FILTER APPLIED.
GAIN : NOMINAL GAIN APPLIED.
MUTE BEFORE FIRST BREAKS.
DECONVOLUTION : PREDICTIVE 100ms OP, 24ms GAP 0.1% L/N.
200-1400-2500ms TR TR, 1400-2200-3300ms FAR TR.
SCALE : 500ms SLIDING SCALE 10% OVERLAP.
COP GATHER : SORT INTO COP GATHERS, TRACE EDIT,
CORRECTION OF ELEVATION STATICS TITLED
UPDATES TO FLOATING DATA.
FINAL NMO : FINAL CORRECTION VELOCITIES CHOSEN FROM
MULTI FUNCTION STACKS.
STATICS : CORRECTION OF ELEVATION STATICS TITLED TO
UPDATES TO FLS DATA.
MUTE : COP 38010ms-110m1600ms-109m11300ms-2450m
COP 89010ms-110m1670ms-133m11400ms-2450m
RESIDUALS I : SURFACE CONSISTENT RESIDUAL STATICS
(45 MUTE)
RESIDUALS II : COP CONSISTENT AUTOMATIC STATICS.
11 TRACE PLOT, 5% TAPER.
STACK : NOMINAL 60 FOLD STACK.
SQUARE ROOT STACK COMPENSATION.
COFILT : MILD COHERENCY FILTER APPLIED.
FILTER : EMERGENCY FILTER : 8-12-75-90 Hz, 0-6000ms
SCALE : SINGLE WINDOW SCALE 0-4000 ms.

DISPLAY DETAILS

VERTICAL SCALE : 15 CM/SEC
HORIZONTAL SCALE : 15 TPC 1:15000
POLARITY : "SEG"
BLACK VAR : +VE VALUES
PLOT TYPE : DOT HIG+VAR AREA

PROCESSED BY : D. GATHERCOLE
CHECKED BY : Dave Gathard



Seismograph Service ADELAIDE PROCESSING CENTRE UAX-UPU
INCORPORATED IN ENGLAND REGISTERED IN U.K.
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