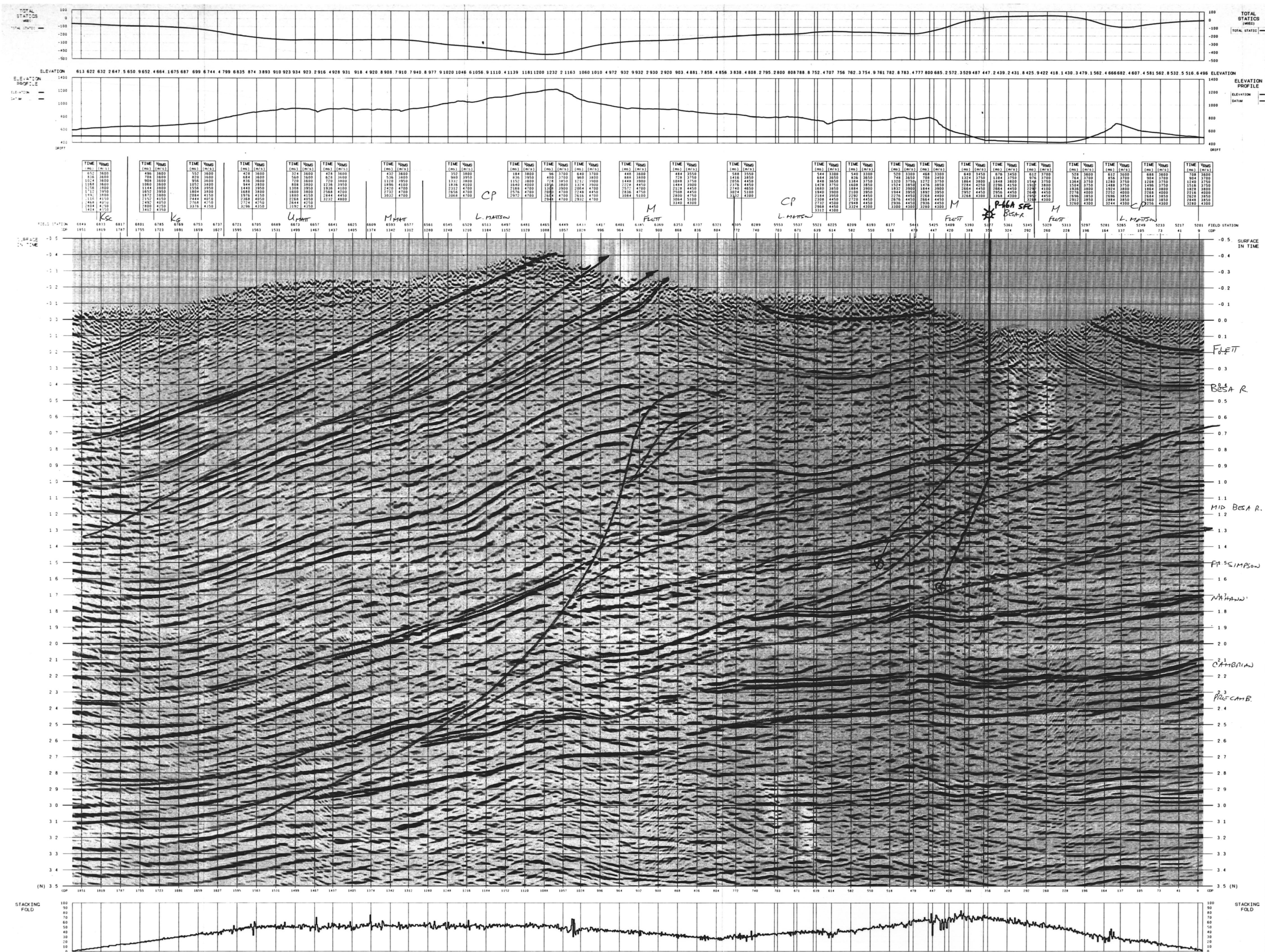




RANGER OIL
0229-B59-7E 9E

**NORMAL POLARITY
PRESTACK MIGRATION**

LINE : MA-005 & FTL-66 7E
AREA NAME : FORT LIARD
STATIONS : 51975597 609576857
DUM : 500 M ASL
R.V. : 3250 M/S

DATE PROCESSED : JULY 1998 DATE SHOT : JUNE 1998
SHOT BY : GEO-PHYSICAL CONSULTANTS
SHOT FOR : B.P.R. GEOPHYSICAL CONSULTANTS

FIELD PARAMETERS

SOURCE : TYPE : DYNAMITE
SPREAD : COVERAGE : 50000 300 S/P 301 600
DISTANCE : 4500 15 5 15 4500 M
RECEIVER : LAYOUT : OYDIO 201 1.0 MZ
INSTRUMENT : MODEL : I/O SYSTEM 11
FIELD FILTER : 0.0125 - 1.0 MZ
RECORD LENGTH : 8 SEC
SAMPLE RATE : 8 SEC
TRACES/RECORD : 600

**VERITAS
GeoServices Ltd.**

PROCESSING PARAMETERS

1 DEMULTIPLY
PROCESSOR LENGTH : 800 M
SAMPLE RATE : 8 SEC

2 AMPLITUDE RECOVERY
TYPE : 1-FUNCTION (EXPONENT - 2)

3 GEOMETRY - CROOKED LINE

4 DECONVOLUTION - SURFACE CONSISTENT
OPERATOR LENGTH : 100 M
DECONVOLUTION : 0.0125 - 1.0 MZ
APPL. GATE : 0 - 8000 MZ
REPLACEMENT VEL : 3250 M/S

5 CALCULATED USING QLT MODEL
STRATIGRAPHIC STACKING : 2 LAYER DEPTH COMPUTATION
PRELIMINARY VELOCITY : 4500 M/S
REPLACEMENT VEL : 3250 M/S

6 MANUAL TRACE EDITS

7 TRACE CATCHER - 84 FOLD

8 PRELIMINARY VELOCITY ANALYSIS - NORMAL MOVEOUT
TYPE : CONSTANT VELOCITY STACKS

9 STATISTICS - AUTOMATIC SURFACE CONSISTENT 1ST PASS
MIN. STATION : 51975597 MZ : 0.0125 - 1.0 MZ
MAX. STATION : 609576857 MZ : 0.0125 - 1.0 MZ

10 FINAL VELOCITY ANALYSIS - NORMAL MOVEOUT
TYPE : CONSTANT VELOCITY STACKS

11 STATISTICS - AUTOMATIC SURFACE CONSISTENT 2ND PASS
MIN. STATION : 51975597 MZ : 0.0125 - 1.0 MZ
MAX. STATION : 609576857 MZ : 0.0125 - 1.0 MZ

12 FIRST BREAK MUTES

13 STATISTICS - COP TRIM
MIN. STATION : 51975597 MZ : 0.0125 - 1.0 MZ
MAX. STATION : 609576857 MZ : 0.0125 - 1.0 MZ

14 PRESTACK TIME MIGRATION
MIGRATION ALGORITHM : REFERENCES FROM TOPOGRAPHY
COP AS REQUIRED TAPERED TO 70 DEGREES
DUM : 500 M ASL
REPLACEMENT VEL : 3250 M/S

15 FILTER - BANDPASS
FILTER : 0.0125 - 1.0 MZ
APPL. GATE : 0 - 8000 MZ

16 AMPLITUDE EQUALIZATION - AGC LENGTH 500 M

DISPLAY PARAMETERS

HORIZONTAL SCALE : 53.3 TRACES PER INCH
VERTICAL SCALE : 5.0 INCHES/SECOND

LINE FTL-66 AND MA-005 ARE PROCESSED TOGETHER AS ONE LINE
LINE FTL-66 WITH STATIONS IN 5000 S RANGE
LINE MA-005 WITH STATIONS IN 5000 S RANGE

18 NOV 1998

ALBERT LAW (200 1)
B.P.R. GEOPHYSICAL CONSULTANTS - FORT LIARD - MA-005 & FTL-66 - PRESTACK MIGRATION NORMAL POLARITY