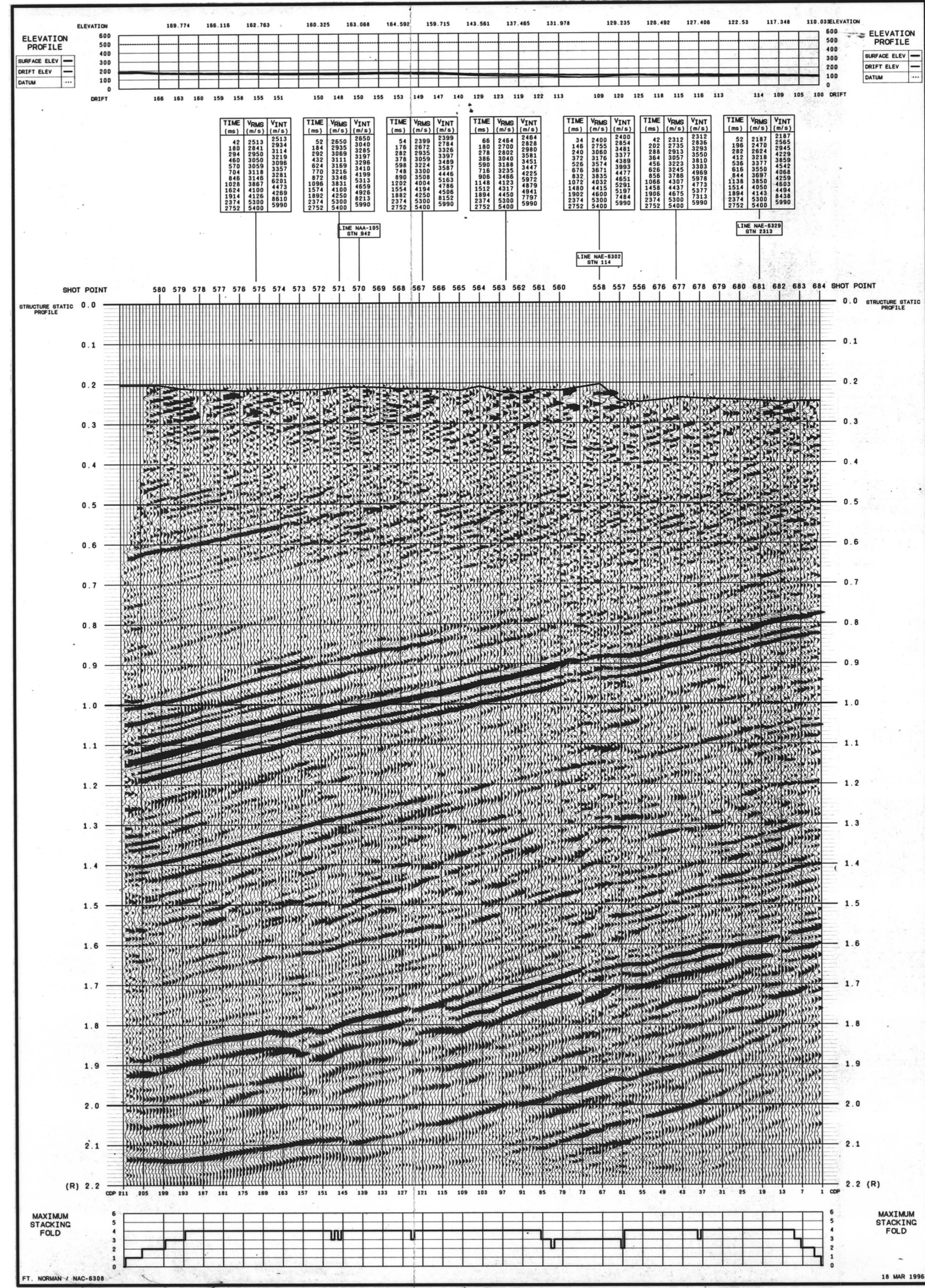


9227-R36-1DA14



VERITAS SEISMIC

REVERSE POLARITY NOISE ATTENUATED MIGRATED STACK

LINE : **MAC-6308 NAE-6308**

AREA NAME : **FT. NORMAN**

STATIONS : **SP 580 (SW) ... SP 684 (NE)**

LOCATION : **96 D/16 96 C/13**

PROCESSED FOR:

RANGER OIL

DATE PROCESSED : **JANUARY 1996**

DATE SHOT : **DECEMBER 1988**

SHOT BY : **RAY GEOPHYSICAL LTD.**

SHOT FOR : **MOBIL OIL CANADA LTD.**

FIELD PARAMETERS

SOURCE : TYPE **DYNAMITE**, LAYOUT **SINGLE HOLE**, SOURCE INTERVAL **800 FT**, GROUP INTERVAL **300 FT**, CHARGE SIZE/DEPTH **5 LB / 55 FT**

SPREAD : COVERAGE **400%**, SPREAD TRACE **12 61P 13 24**, DISTANCE **3600 300 0 300 3600 FT**

RECEIVER : TYPE / FREQ **EVS-15**, LAYOUT **9 GEOPHONES OVER 150 FT**

INSTRUMENT : MODEL **TI-10000**, FIELD FILTER **17**, TAPE FORMAT **SEC-A**, RECORD LENGTH **2 SEC**, SAMPLE RATE **2 MS**

PROCESSING PARAMETERS

1 DEMULTIPLY, PROCESSING LENGTH **2200 MS**, SAMPLE RATE **2 MS**

2 GEOMETRY - STRAIGHT LINE

3 MINIMUM-PHASE SURFACE CONSISTENT DECONVOLUTION, OPERATOR LENGTH **88 MS**, PREWHITENING **1.5**, DISTANCE **800 - 1100 MS**, APPL. GATE **0 - 2200 MS**, 1997.5 M **550 - 1900 MS**

4 ZERO-PHASE DECONVOLUTION, OPERATOR LENGTH **90 MS**, PREWHITENING **1.5**, DISTANCE **800 - 1100 MS**, APPL. GATE **0 - 2200 MS**, 1997.5 M **550 - 1900 MS**

5 STRUCTURE STATICS - 1 LAYER DRIFT COMPUTATION, SHORT WAVELENGTH **200 M A.D.**, DATA ELEVATION **1000**, SURF. VELOCITY **1600 M/S**, VELOCITY VELOCITY **1600 M/S**, PROCESSING GAIN **SURFACE**

6 MANUAL TRACE EDITS

7 TRACE GATHER - MAXIMUM 4 FOLD

8 VELOCITY ANALYSIS - NORMAL MOVEOUT, REFERENCE SURFACE **TYPE: VEL/AN INTERACTIVE REMOVAL**

9 STATICS - AUTOMATIC SURFACE CONSISTENT, WINDOW **400 - 1800 MS**, FILTER **10/15 - 70/90 HZ**, MAX. STATED **17.50 MS**, NO. TRACES IN MODEL **11**

10 FIRST BREAK MUTES, WINDOW **400 - 1800 MS**, TIME **200 500 MS**

11 STATICS - CMP TRIM, WINDOW **400 - 1800 MS**, FILTER **10/15 - 70/90 HZ**, MAX. STATED **17.50 MS**, NO. TRACES IN MODEL **11**

12 STRUCTURE STATICS - LONG WAVELENGTH

13 STACK - MAXIMUM 4 FOLD

14 MIGRATION - FINITE DIFFERENCE, STACKING VELOCITY SCALING FACTOR **1.000**

15 NOISE ATTENUATION (F-X DECONVOLUTION), FREQUENCY RANGE **5 - 150 HZ**, DESIGN WINDOW **0 - 2000 MS**, NOISE THRESHOLD **0**

16 FILTER - BANDPASS, 10/15 - 80/90 HZ, APPL. GATE **0 - 2200 MS**

17 AMPLITUDE EQUALIZATION - MEAN SCALING, WINDOW **300 - 500 / 400 - 800 M**, 500 - 700

DISPLAY PARAMETERS

VERTICAL SCALE **7.5 INCHES PER SECOND**

HORIZONTAL SCALE **16 TRACES PER INCH**