9229 N46 1E

BOUGUER AT 2.5 SOLID  BOUGUER AT 2.3 DASH

TOTAL SOLID  WX DASH

MILLIGALS  MS  DATUM ELEV.  STACK FOLD

NORTHEAST

CDP STATION

K RA Shale

D Hume

C Saline Riv.

Mid-Cambrian

Pre-Cambrian

NORTHROCK RESOURCES

AREA: TERTIARY CREEK
NORTHWEST TERRITORIES
LINE: J99YN293
VP 'S: 101.5-1240.5

NORTHEAST

## MIGRATED STACK

FOLD 12000%

POLARITY: 90 DEGREE PHASE ROTATION

### RECORDING PARAMETERS

**RECORDING INFORMATION**

| | |
|---|---|
| RECORDED BY | TRACE EXPLORATIONS |
| PERMIT | 2853 |
| DATE | JANUARY 20000 |
| INSTRUMENT TYPE | I/O SYSTEM II |
| CHANNELS PER SHOT | 2048 |
| SAMPLE RATE | 2 MS |
| CORRELATED RECORD LENGTH | 4 SECONDS |
| RECORDING FILTER | LOW CUT: 3 HZ<br>NOTCHS OUT<br>HIGH CUT: 1/2 NYQ MIN |
| TAPE FORMAT | SEGD |

**SOURCE**

| | |
|---|---|
| TYPE | VIBROSEIS |
| SOURCE INTERVAL | 40M M |
| STATION INTERVAL | 20 M |
| SWEEP SPECTRUM | 8-96 HZ |
| SWEEP LENGTH | 16 SECONDS |
| SOURCE ARRAY | 4 VIBS |
| NUMBER OF SWEEPS | 8 |

**GEOPHONES**

| | |
|---|---|
| GEOPHONE TYPE | MARK L-210 |
| FREQUENCY | 10 HZ |
| ARRAY | 6 OVER 25 M |

SPREAD CONFIGURATION

TR-01 — 3012.5 M — TR-120 — 37.5 M — X — TR-121 — 37.5 M — TR-240 — 3012.5 M

### PROCESSING PARAMETERS

**REFORMAT AND MINIMUM PHASE CORRELATE**
**EDITING**
**SPHERICAL AND EXPONENTIAL DIVERGENCE CORRECTION**
**GEOPHONE PHASE COMPENSATION**
**DECONVOLUTION:**

TYPE: TIME VARIANT SURFACE CONSISTENT
OPERATOR LENGTH: 96 MS
FIRST NEAR DESIGN WINDOW: 300-1800 MS
FIRST FAR DESIGN WINDOW: 1800-2100 MS
SECOND NEAR DESIGN WINDOW: 1800-2700 MS
SECOND FAR DESIGN WINDOW: 2400-3000 MS
THIRD NEAR DESIGN WINDOW: 2400-3000 MS
THIRD FAR DESIGN WINDOW: 2600-3000 MS
PREWHITENING: 0.05%

**DECONVOLUTION:**

TYPE: TIME-VARIANT ZERO PHASE
FIRST NEAR DESIGN WINDOW: 300-1800 MS
FIRST FAR DESIGN WINDOW: 1800-2100 MS
SECOND NEAR DESIGN WINDOW: 1800-2700 MS
SECOND FAR DESIGN WINDOW: 1900-2900 MS
THIRD NEAR DESIGN WINDOW: 2400-3000 MS
THIRD FAR DESIGN WINDOW: 2600-3000 MS
DESIGN BANDWIDTH: 8-12-95-105 HZ

**REFRACTION STATICS:**

DATUM ELEVATION: 1100 M
REPLACEMENT VELOCITY: 3000 M/SEC

**RESIDUAL VELOCITY ANALYSIS**
**FIRST PASS OF SURFACE CONSISTENT RESIDUAL STATICS:**
MAXIMUM STATIC SHIFT: 28 MS
WINDOW: 500-2500 MS
**RESIDUAL VELOCITY ANALYSIS**
**EDITING**
**SECOND PASS OF SURFACE CONSISTENT RESIDUAL STATICS:**
MAXIMUM STATIC SHIFT: 18 MS
WINDOW: 500-2500 MS

**APPLICATION OF FINAL MUTE:**

2000 M - 0 MS
2500 M - 300 MS
10500 M - 1200 MS
25200 M - 1700 MS
36400 M - 2200 MS

**CDP STACK: 12000%**
**FINITE DIFFERENCE MIGRATION:**
65% OF STACKING VELOCITIES
**BANDPASS FILTER:**
0-1200 MS: 10/15-85/95 HZ
2500-4000 MS: 10/15-60/70 HZ
**TRACE EQUALIZATION:**
DESIGN WINDOWS: 100-1500 MS
1500-2000 MS
2000-3000 MS
3000-4000 MS
**90 DEGREE PHASE ROTATION**

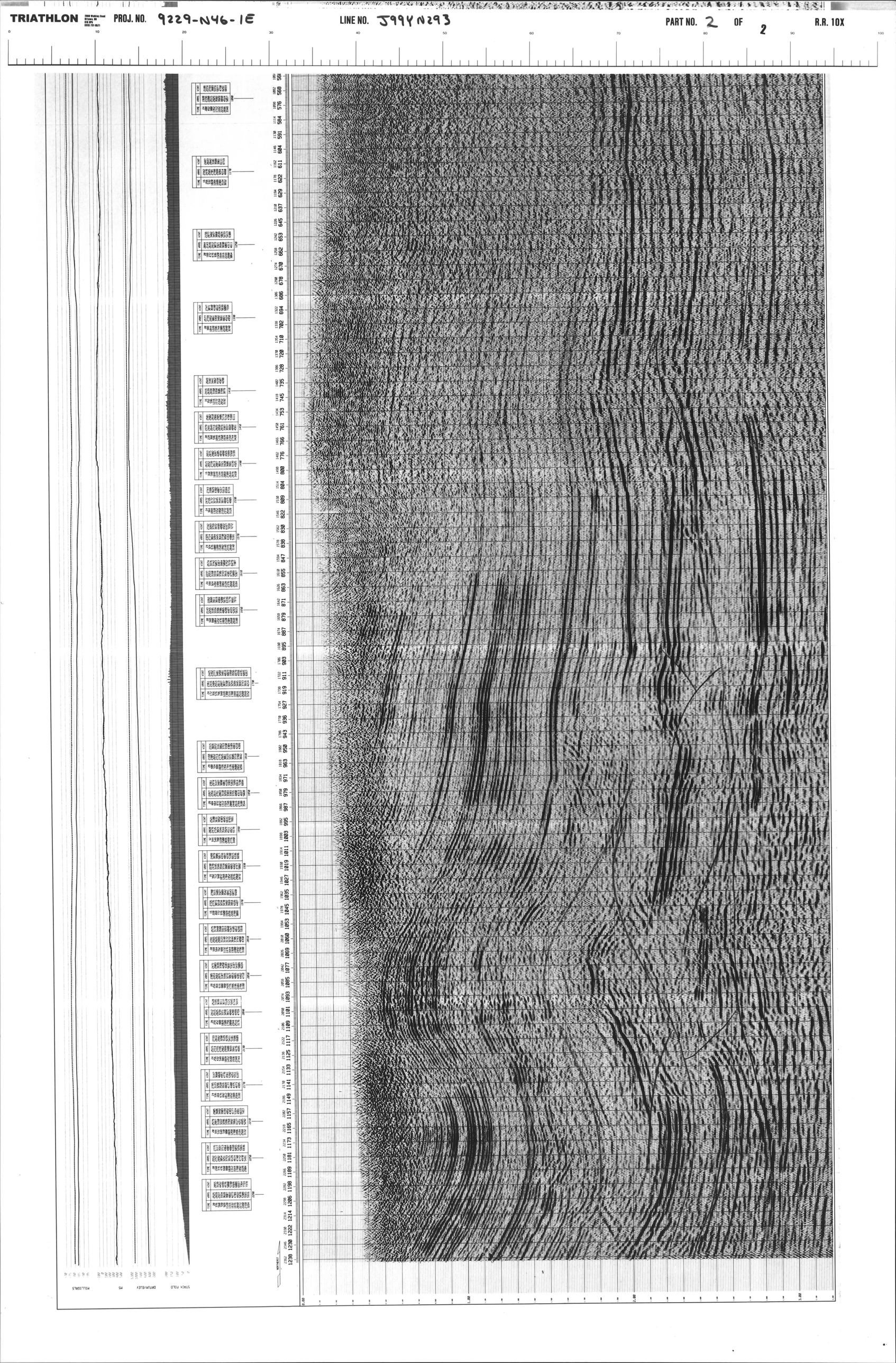
QUALITY CONTROL: DS  DATE: MARCH 20000

### DISPLAY PARAMETERS:

24 TRACES PER INCH
7.5 INCHES PER SECOND
POLARITY: 90 DEGREE PHASE ROTATION

ECLIPSE
SEISMIC PROCESSORS INC.

TRIATHLON  PROJ. NO. 9229-N46-1E  LINE NO. J99YN293  PART NO. 1 OF 2  R.R. 10X


TRIATHLON
PROJ. NO. 9229-N46-1E
LINE NO. J994N293
PART NO. 2 OF 2
R.R. 10X