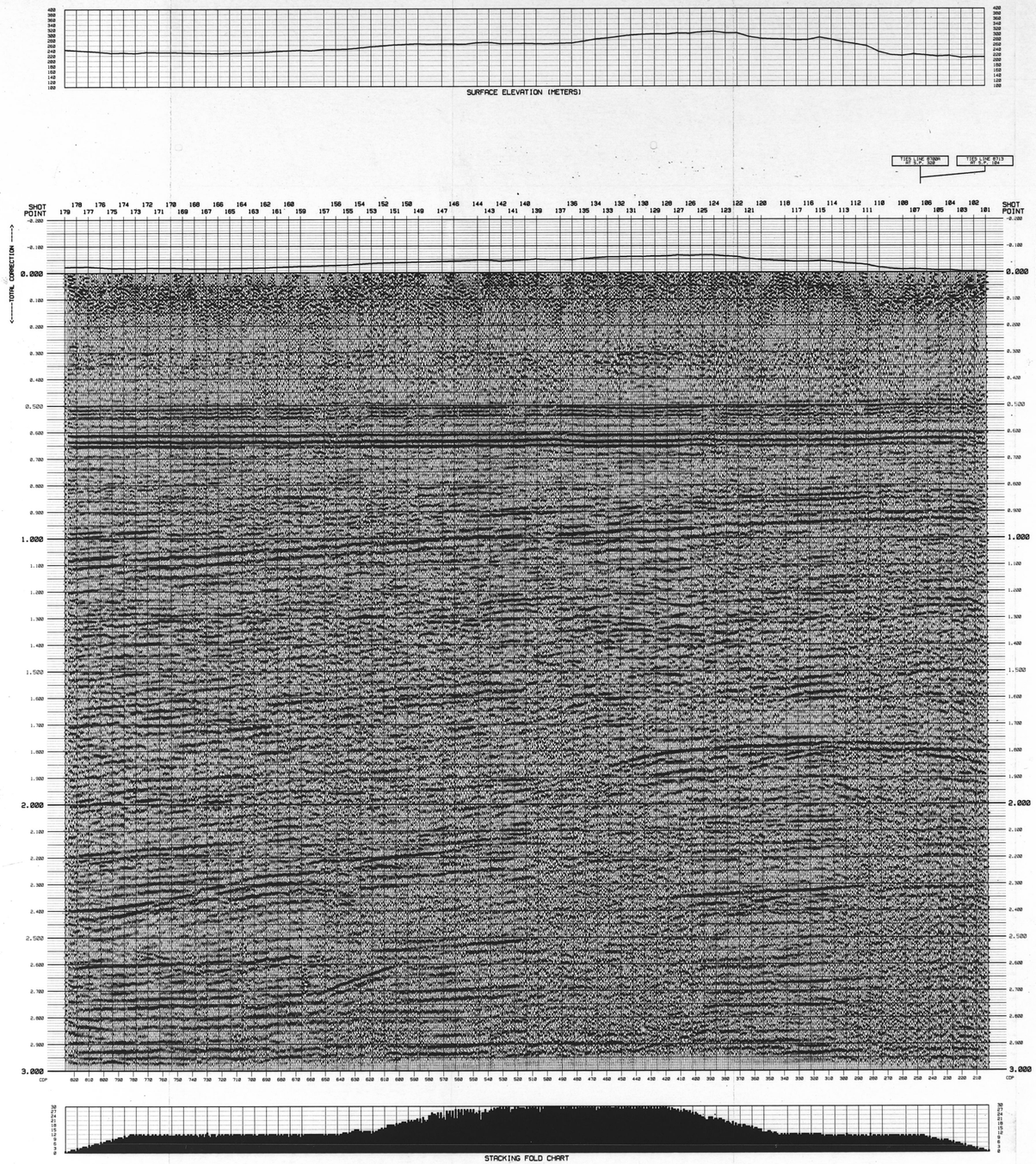

NORTHEAST

Pulsonic GEOPHYSICAL LTD.
CALGARY, ALBERTA, CANADA

PROCESSING DATE - APRIL, 1985

PROCESSED FOR:
PETRO-CANADA RESOURCES
CALGARY, ALBERTA

AREA: LAC A JACQUES

LINE: 8700B

LOC: 76M-106P

S.P.: 101 - 179

STRUCTURE SECTION

NORMAL POLARITY

ACQUISITION PARAMETERS

SOURCE TYPE: DYNAMITE
SOURCE ENERGY: 1 SHOT
SOURCE DEPTH: 1 SHOT & 2 HOLE
SPREAD SIZE: 2 * 2 MIL, 2 * 2 MIL
SPREAD-SIZE: 1225T: 1984 M ---- 55 M --- X ---- 55 M ---- 1984 M

SHOOTING DIRECTION: NE -> SW
SHOOTING METHOD: 2 DYNAMITE
SEISMIC PROFILE: 2 OVER 96 M
SPACE SAMPLE: 15 M S R S M

RECORDING PARAMETERS

RECORDED BY: SEISCOR DELTA LIMITED PTY SSZ
RECORDING SYSTEM: SDS 32
RECORDING FORMAT: SEG-B
RECORDING FILTERS: 12-128 HZ. NOTCH OUT

DATE: JANUARY, 1985
FORMAT: SEG-B
SAMPLE RATE: 2 MS
SEISMIC TYPE: GEOSOURCE 18 HZ.

PROCESSING HISTORY

1. DEMULTIPLEX/DISPLAY/EDIT
   OUTPUT SAMPLE RATE: 2 MS.
   OUTPUT RECORD LENGTH: 3 SEC.
2. AMPLITUDE RECOVERY
   TYPE: SPHERICAL DIVERGENCE
3. DECONVOLUTION
   TYPE: SPIKING
   DOMAIN: TIME
   DESIGN WINDOW: [INPUT OFFSET]: 300 - 1500 MS.
   APPLICATION WINDOW: [INPUT OFFSET]: 300 - 1500 MS.
   OPERATOR LENGTH: 80 MS.
   PREWHITENING: 1 %
4. CDP TRACE GATHER
5. VELOCITY ANALYSIS
   TYPE: COHERENCY SPECTRA AND COMMON OFFSET STACKS
6. NORMAL MOVEOUT APPLICATION
   TYPE: NMO FROM SURFACE

VELOCITY FUNCTION AT SP 118			VELOCITY FUNCTION AT SP 151		
TIME(MS.)	VRMS(M./SEC.)	VINT(M./SEC.)	TIME(MS.)	VRMS(M./SEC.)	VINT(M./SEC.)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

7. DRIFT CORRECTIONS
   DATUM: 380.0 MSL
   REPLACEMENT VELOCITY: 5500 M/SEC.
8. AUTOMATIC SURFACE CONSISTENT STATICS
   WINDOW: 300 - 600 MS.
9. AUTOMATIC TRIM STATICS
   WINDOW: 250 - 500 MS.
10. FILTER APPLICATION
    TYPE: ZERO PHASE BANDPASS
    PASSBAND: 30/35 - 80/85
    CORNER FREQUENCY:
    TYPE: 0 - 3000 HZ.
11. TRACE MUTING
    OFFSET(M): 5N3 5000 15N4
    TIME(MS.): 0 500 600
12. CDP STACKING
    STACKING FOLD: 12000 & 24000.
13. SCALING
    TYPE: RMS 300 MS. WINDOW
14. DISPLAY TO FILM
    VERTICAL PLOTTING SCALE: 7.5 INCHES/SEC.
    HORIZONTAL PLOTTING SCALE: 24 TRACES/INCH

Terra Survey Ltd.
2060 Walkley Rd
Ottawa, Ont.
Canada K1G 3P5
Tel (613) 731-9571
Telex 053-3502 Cable: TERRA

PROJ. NO. 9229-P28-4E

LINE NO. 8700B

PART NO. 1 OF 1

R.R. 10X