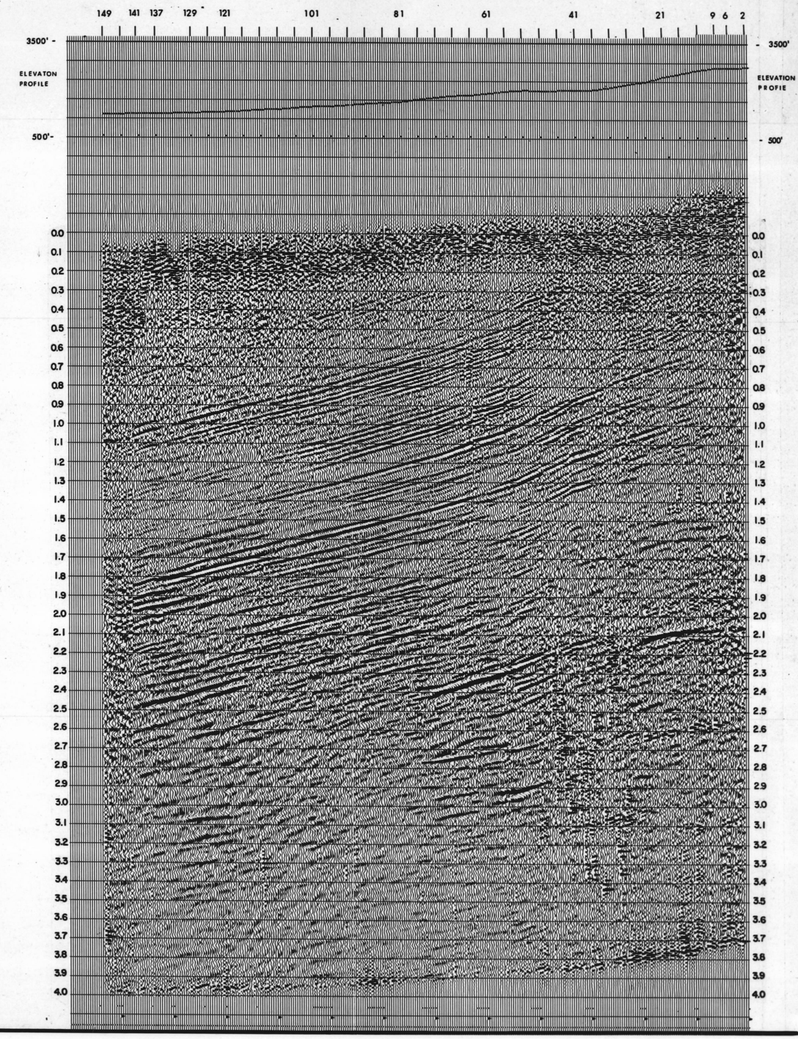

VERITAS
SEISMIC PROCESSORS LTD.

AAV-006 (R)

LINE NO: 006 **DIRECTION** N.

AREA NORTH BEAVER RIVER

☒ **DATUM** 1400' **ASL.** ☐ **FLATTENED TO** [redacted]

PROCESSED FOR:
COLUMBIA GAS DEVELOPMENT OF CANADA LTD

DATE PROCESSED FEB. 1978 **DATE SHOT** AUG. 1973

SHOT BY AMOCO CANADA LTD.

SPREAD 3840 - 160 - x - 160 - 3840 **COVERAGE** 600 %

GROUP INTERVAL 160' **SOURCE INTERVAL** 640'

FIELD RECORDING ☒ DIGITAL ☐ FM ☐ AM

INSTRUMENTS DFS III **GAIN** BINARY

☐ **ANALOG TO DIGITAL**

1 **DEMULTIPLEX** AND EDITS
AMPLITUDE RECOVERY POWERPLOT / INVERSE

☐ **CORRELATION** SWEEP HERTZ

3 **DECONVOLUTION:** TYPE SPIKING
PREWHITENING 20 % PREDICTION LAG ms.
FILTER 1 Length 52 ms. Design Gate 900 - 2500 ms. Appl. Gate 0 - 4000 ms.
FILTER 2 Length ms. Design Gate ms. Appl. Gate ms.
FILTER 3 Length ms. Design Gate ms. Appl. Gate ms.

6 **NORMAL MOVEOUT**

5/10 **DIGITAL FILTER** TYPE BANDPASS
FILTER 1 Length 360 ms. Pass Band 5/10 - 50/55 Hz. Appl. Gate 0 - 4000 ms.
FILTER 2 Length ms. Pass Band Hz. Appl. Gate ms.
FILTER 3 Length ms. Pass Band Hz. Appl. Gate ms.

8 **STATICS**
☒ STRUCTURE INCLUDING DRIFT CONTROL
Datum 1400' a.s.l.
Replacement Velocity 10,000 ft./sec.
☐ FLATTENED to ms.

☐ **AUTOSTAT** (Surface Consistent)
Window(s)

7 **FIRST BREAKS MUTES**
Distance 800 ft. Distance 3840 ft. Distance ft.
Mute 400 ms. Mute 750 ms. Mute ms.

9 **TRACE GATHER**

10 **TRIM STATICS**
☒ Correlation Window(s) 800 - 3000 ms
☐ hand edit

11 **STACK**

12/13 **AMPLITUDE EQUALIZATION**
Type MEAN
Window(s) TRACE LENGTH

☐ **MULTICHANNEL COHERENCE FILTER**

☐ **SPECIAL PROCESSING**

5 VELOCITY ANALYSIS

14 FREQUENCY DECONVOLUTION

Canada Oil and Gas Lands Administration
Administration des hydrocarbures du Canada
APR 10 1980
Economic Evaluation Branch
Division de l'évaluation des ressources
Project #

Terra Resources
2060 Walkley Rd. Ottawa, Ont.
Suite 5 K1G 3P7
Tel: (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-C85-1E
LINE NO. 006
PART NO. 1 OF 1
R.R. 8X