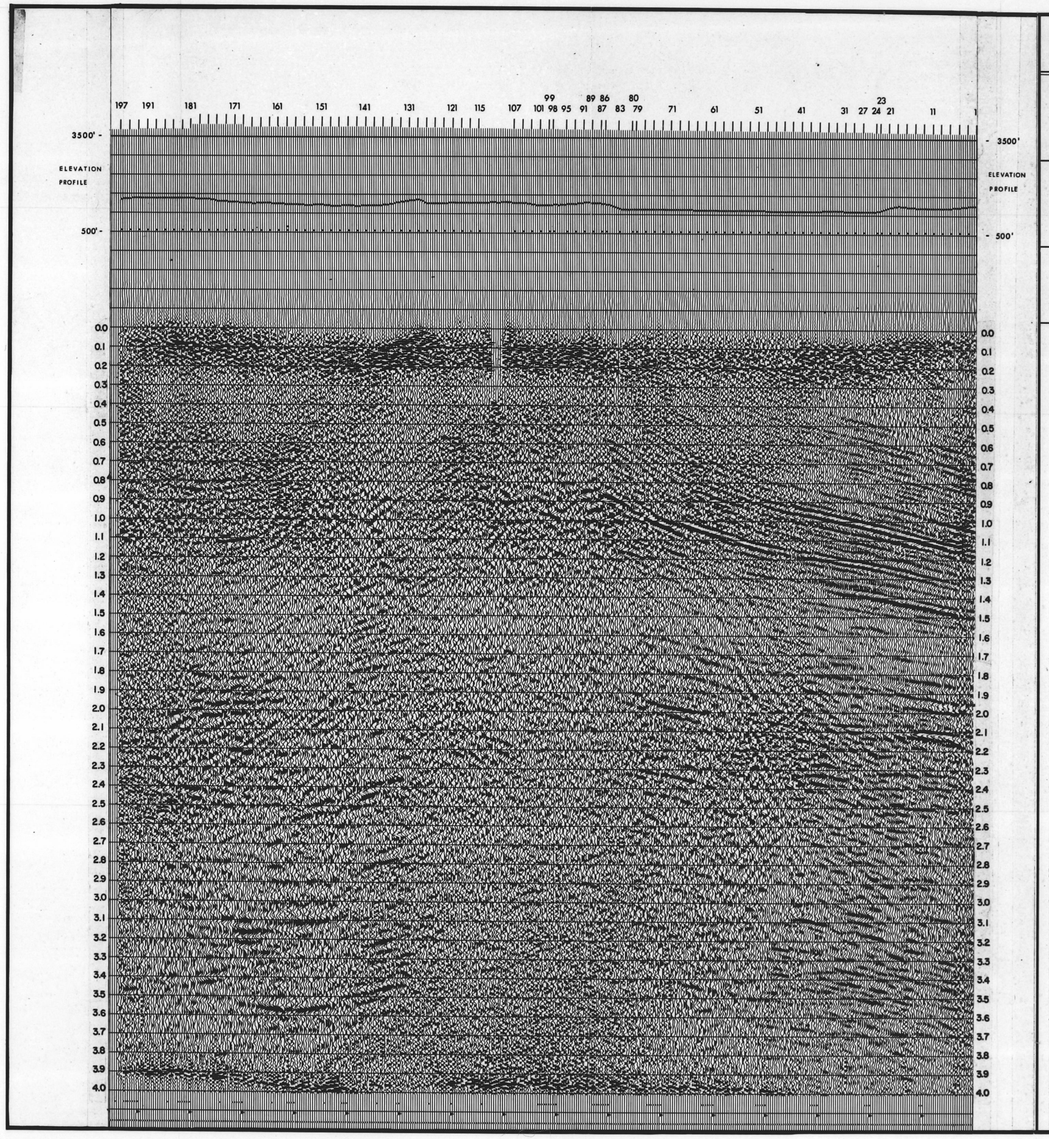

VERITAS
SEISMIC PROCESSORS LTD.

AAV-002 (R)

LINE NO: 002 **DIRECTION** E.

AREA NORTH BEAVER RIVER

☒ **DATUM** 1400' **ASL** ☐ **FLATTENED TO** _____

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** 1200 %
GROUP INTERVAL 160' **SOURCE INTERVAL** 320'
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**

5/14 **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

92 29-C85-1 (R)

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Energy, Oil and Gas Canada
Association de l'énergie et du gaz du Nord du Canada
A.I. - 10 1980
Research Information Branch
Bureau de l'évaluation des ressources
Project #

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PROJ. NO. 9229-C85-1E

LINE NO. 002

PART NO. 1 OF 1

R.R. 8X