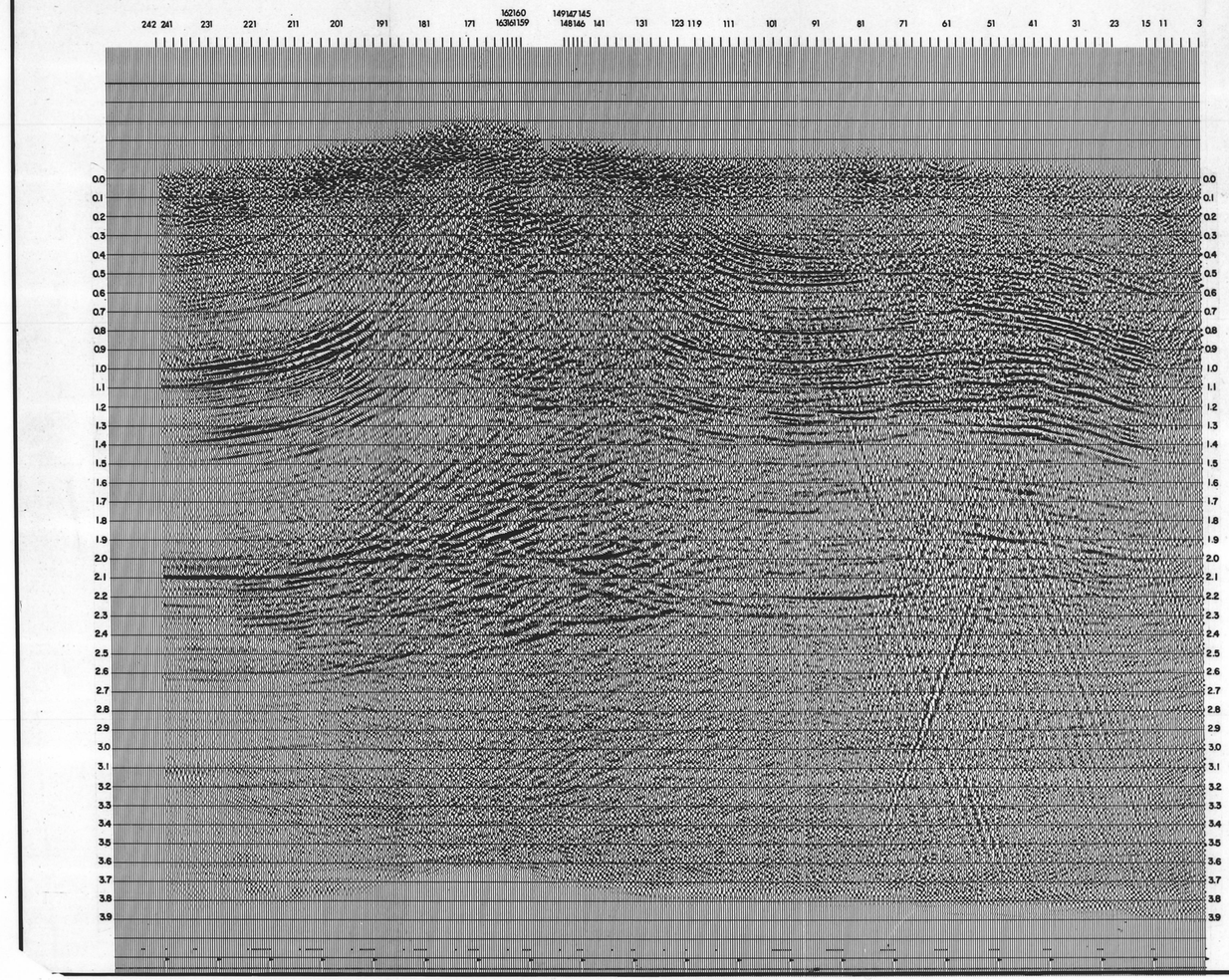

VERITAS
SEISMIC PROCESSORS LTD.

AAV-005(2) [redacted]

LINE NO: 005 **DIRECTION** N.E. [redacted]

AREA NORTH BEAVER RIVER

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

PROCESSED FOR:

COLUMBIA GAS DEVELOPMENT OF CANADA LTD

DATE PROCESSED JAN. 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**

6a **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**

8 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**

10a **AMPLITUDE EQUALIZATION**

Type MEAN

Window(s) TRACE LENGTH

☐ **MULTICHANNEL COHERENCE FILTER**

☐ **SPECIAL PROCESSING**

5 VELOCITY ANALYSIS

14 FREQUENCY DECONVOLUTION

16 WAVE EQUATION MIGRATION USING STACKING VELOCITIES

92 29 - 1 - 85 - 1E

Energy, Mines and Resources Canada
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APR 10 1979
Exploration Geophysics Branch
Division de l'exploration des Ressources
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PROJ. NO. 9229-C85-1E
LINE NO. 005
PART NO. 1 OF 1
R.R. 8X