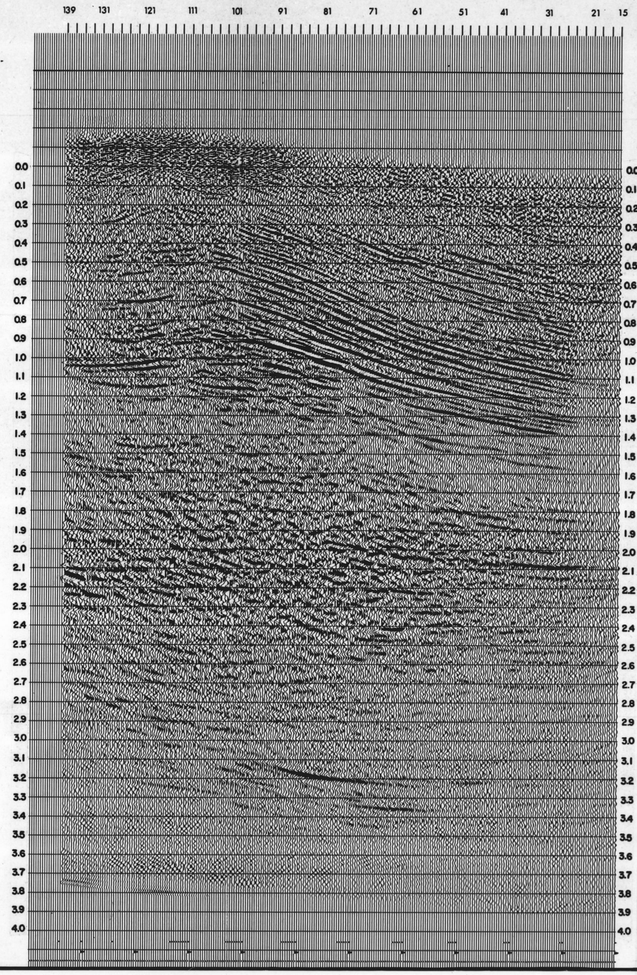

AAV-004 (R)

VERITAS
SEISMIC PROCESSORS LTD.

LINE NO: 004 **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**

7 **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 **AMPLITUDE EQUALIZATION**

Type MEAN

Window(s) TRACE LENGTH

☐ **MULTICHANNEL COHERENCE FILTER**

☐ **SPECIAL PROCESSING**

5 VELOCITY ANALYSIS

14 FREQUENCY DECONVOLUTION

15 SPATIAL COHERENCE FILTER

16 WAVE EQUATION MIGRATION

92 29 - C85 - 1E

Canada Oil and Gas Lands Administration
Administration des hydrocarbures du Canada
A.: 10.350
Frontier Exploration Branch
Direction de l'exploration des frontières

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Tel: (613) 731-9571
Telex: 053-3502
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PROJ. NO. 9229-C85-1E

LINE NO. 004

PART NO. 1 OF 1

R.R. 8X