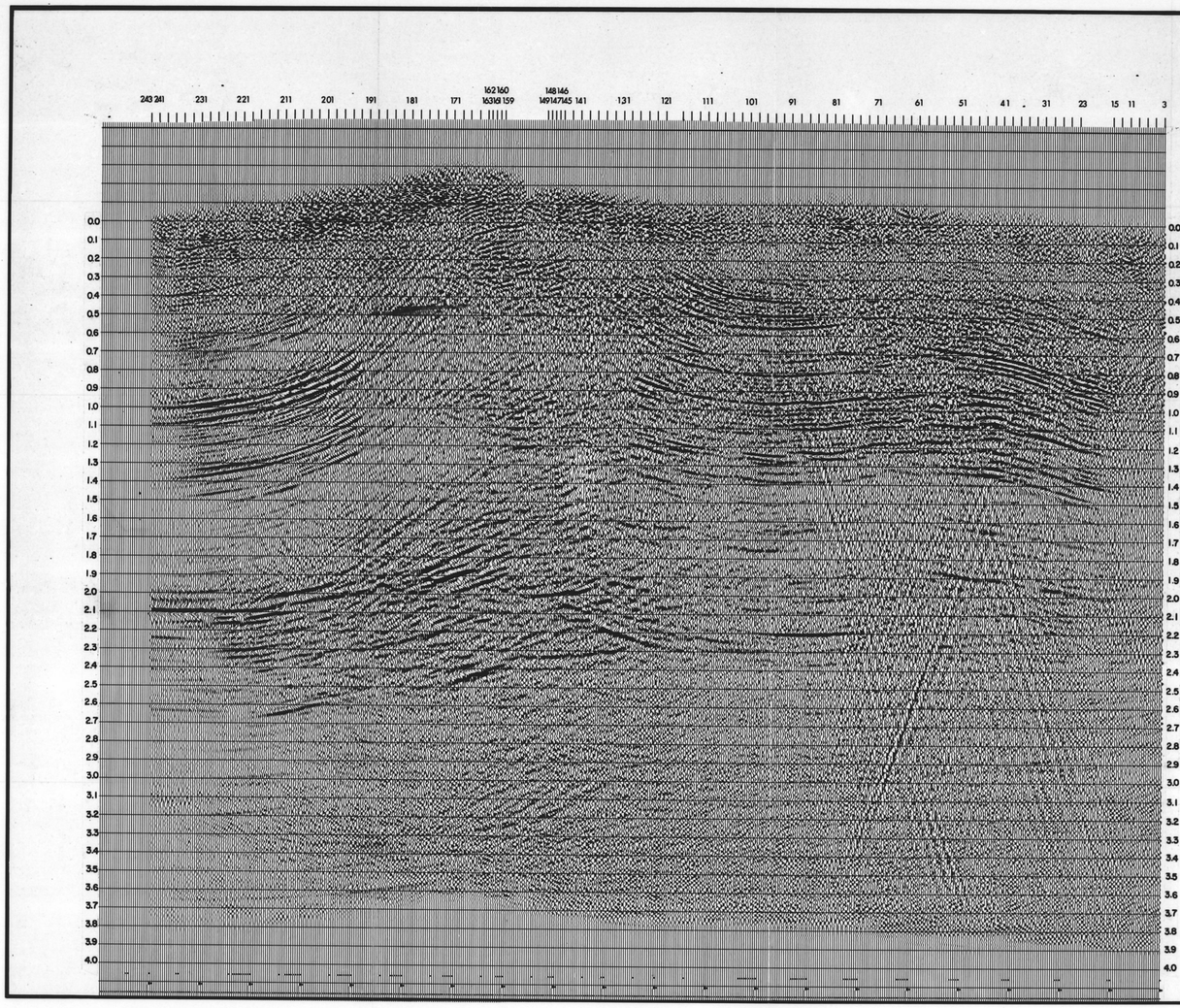

VERITAS
SEISMIC PROCESSORS LTD.

A.A.V. - 005(R)

[redacted]

LINE NO: 005 **DIRECTION** N.E.

AREA NORTH BEAVER RIVER

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

PROCESSED FOR:

COLUMBIA GAS DEVELOPMENT LTD

DATE PROCESSED JAN., 1978 **DATE SHOT** AUG., 1973

SHOT BY AMOCO CANADA

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**

5/10 **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** INCLUDING DRIFT CONTROL

☒ STRUCTURE

Datum 1400' a.s.l.

Replacement Velocity 10000 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** S.P. 1 - 85 : 500 - 1000 ms.

☐ Correlation Window(s) S.P. 85 - 243 : 500 - 2700 ms.

☐ hand edit

11 **STACK**

9/10 **AMPLITUDE EQUALIZATION**

Type MEAN

Window(s) TRACE LENGTH

Canada Oil and Gas Lands Administration
Administration des pétrole et du gaz des terres du Canada
Apr. 10 1979
Exploration and Research Section
Section de l'exploration et de la recherche
Received / Reçu

☐ **MULTICHANNEL COHERENCE FILTER**

☐ **SPECIAL PROCESSING**

5 VELOCITY ANALYSIS

14 FREQUENCY DECONVOLUTION

15 SPATIAL COHERENCE FILTER

16 WAVE EQUATION MIGRATION

92 29 - C 85 - 1 E

terra survey ltd.
2060 Walley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9 2 2 9 - C 8 5 - 1 E

LINE NO. 0 0 5

PART NO. 1 OF 1

R.R. 8X