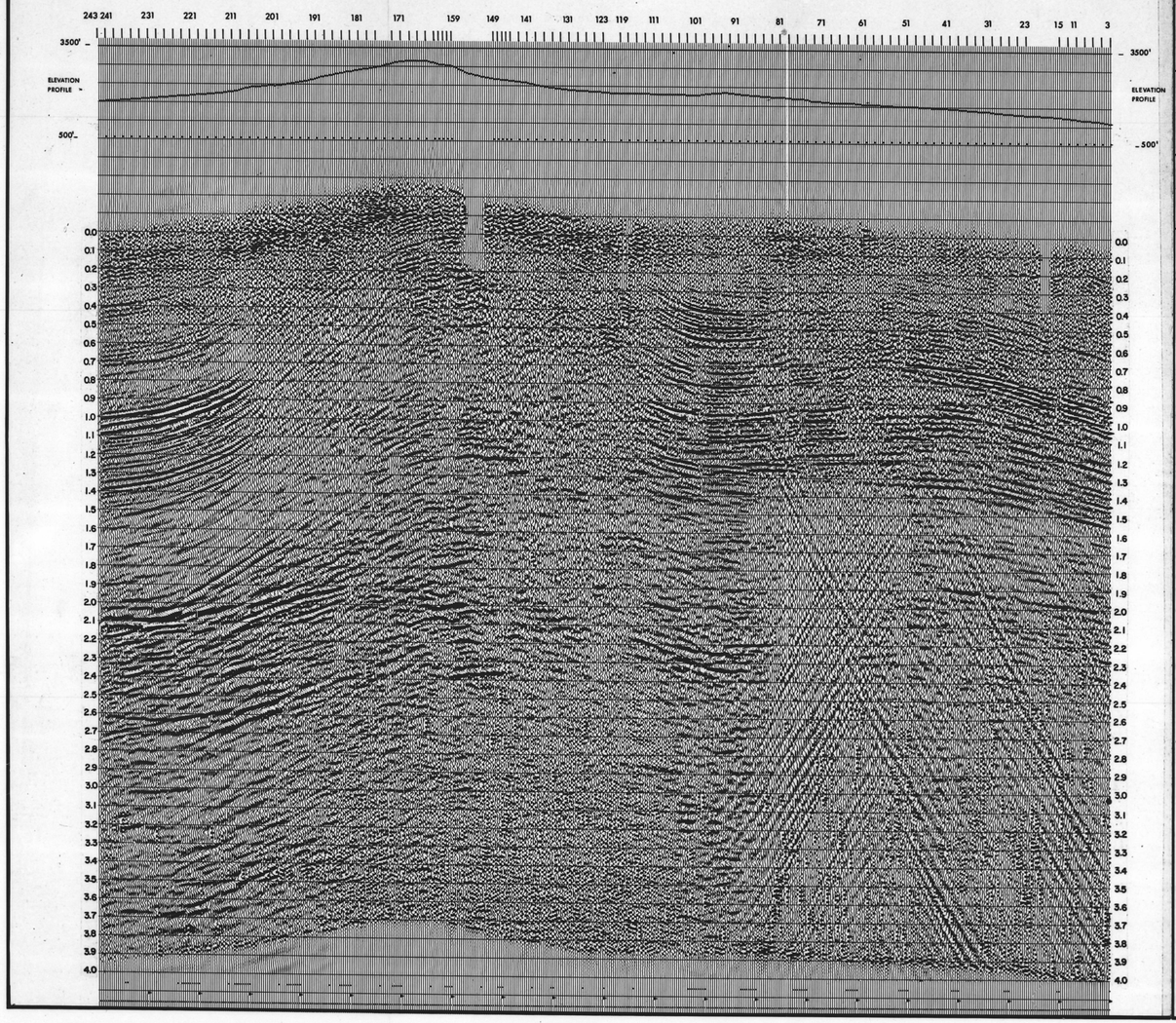

ÁAV-005 (R)

VERITAS
SEISMIC PROCESSORS LTD.

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

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

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**

7/10 **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

8 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**

12/13 **AMPLITUDE EQUALIZATION**

Type MEAN

Window(s) TRACE LENGTH

☐ **MULTICHANNEL COHERENCE FILTER**

☐ **SPECIAL PROCESSING**

5 VELOCITY ANALYSIS

14 FREQUENCY DECONVOLUTION

15 SPATIAL COHERENCE FILTER

92 29-C85-1E

Conseil du pétrole et du gaz du Canada
Administration des pétroles du Sud des terres de l'Ouest
A. 10 19
Numéro de classement
Division de l'exploitation
Projet #

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

PROJ. NO. 92 29 - C 85 - 1 E

LINE NO. 0 0 5

PART NO. 1 OF 1

R.R. 8X