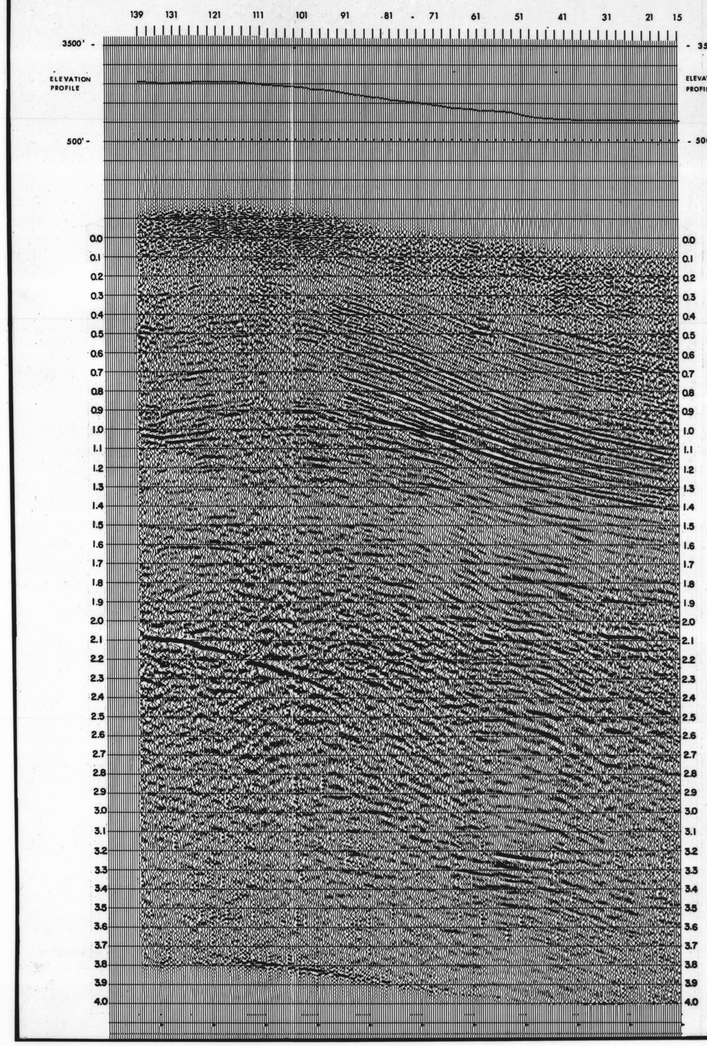

AAV-004 (R)

VERITAS
SEISMIC PROCESSORS LTD.

LINE NO: 004 **DIRECTION** E.

AREA NORTH BEAVER RIVER

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

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**

5/10 **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**
☒ 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

Surveys and Mapping Branch
Administration des relevés et du gaz
Oil and Gas Canada
APR 10 1980
Engineering Services Branch
Direction des Evaluations des Réservoirs
Project 2

29-C85-1E

terra
2090 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA
PROJ. NO. 9229-C85-1E
LINE NO. 004
PART NO. 1 OF 1
R.R. 8X