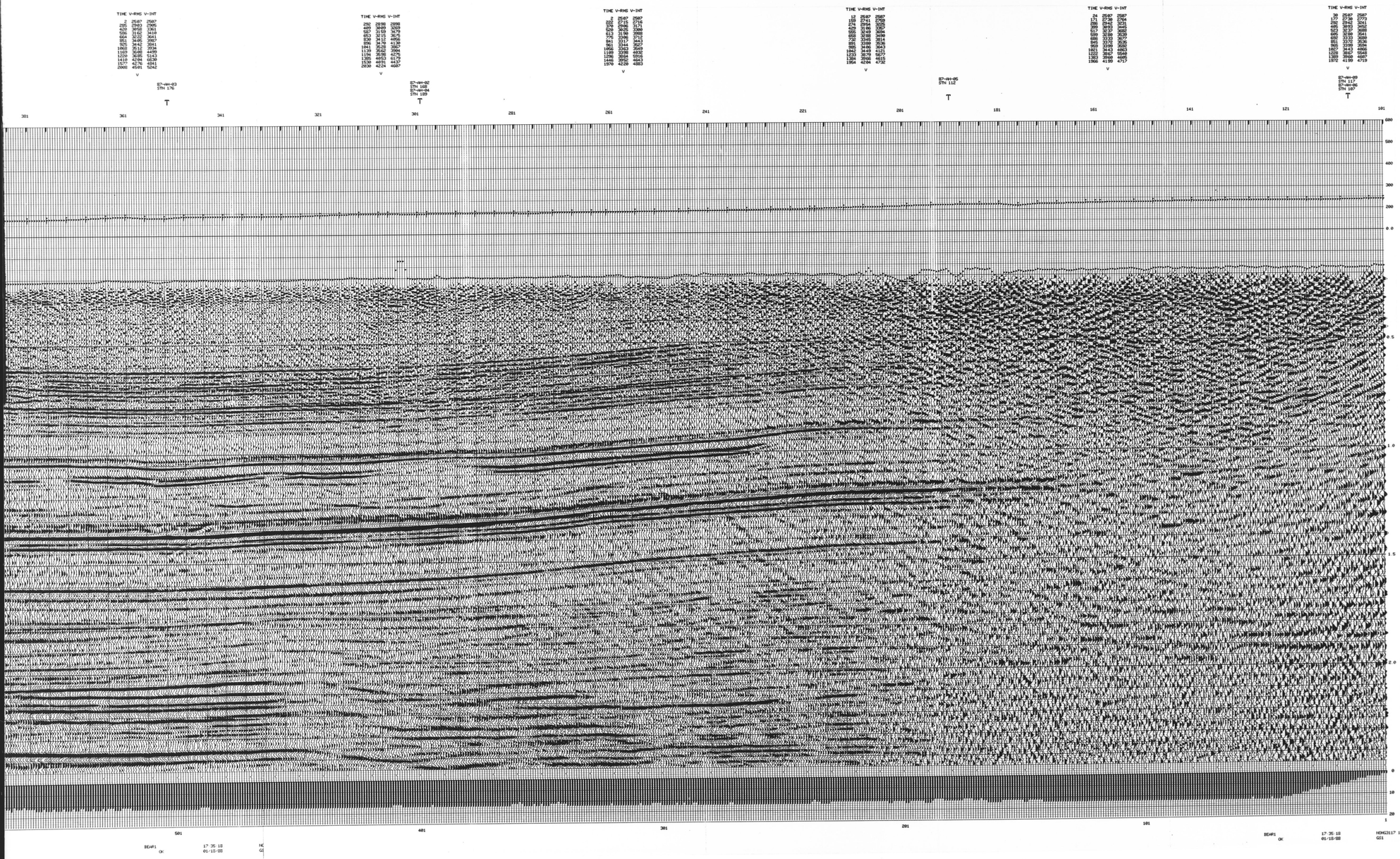
LITTLE BEAR 87-AH-001 MIGRATION




# CONOCO CANADA LTD.

LINE: 87-AH-001
PROJECT: LITTLE BEAR
LOCATION: N.W.T.

→ S.E.

## MIGRATION

POLARITY ☒ NP ☐ RP
FIRST KICK POLARITY ABOVE FOLD BARS, PEAKS ARE POSITIVE NUMBERS

### ACQUISITION PARAMETERS

| | |
|---|---|
| SHOT BY: | WESTERN GEOPHYSICAL PTY. 367 |
| DATE: | DEC. 1987 |
| SPREAD: | 1608 - 33.5 -+- 33.5 - 1608 M |
| SOURCE INTERVAL: | 134 M |
| RECEIVER INTERVAL: | 33.5 M |
| SOURCE: | A) SINGLE HOLE DYNAMITE, 2 KG AT 14 M. |
| OR | B) 2 HOLES DYNAMITE OVER 8 M. 1 KG AT 3 M |
| RECEIVERS: | LRS-1011 14 HZ, 9 INLINE OVER 33.5 M |
| INSTRUMENTS: | DFS-V 96 TRACE |
| GAIN MODE: | VARI |
| GAIN FORM: | DFS |
| FIELD FILTERS: | 12/128 HZ NOTCH: OUT |
| SAMPLE RATE: | 2 MS. |

### PROCESSING PARAMETERS

| | |
|---|---|
| PROCESSED BY GEO-X | GEO-X SYSTEMS LTD. OK |
| DATE: DEC. 1987 | |
| DIGITAL CONVERSION | |
| AMPLITUDE RECOVERY | (AT)(EXP(BT) |
| PHASE COMPENSATION | INSTRUMENT AND GEOPHONE |
| DECONVOLUTION | TYPE: SPIKING<br>OPERATOR LENGTH: 100 MS.<br>PREWHITENING: 0.1 %<br>GATE: 150-2000 MS. AT 0 OFFSET<br>150-2100 MS. AT 1590 M OFFSET |
| STRUCTURAL CORRECTIONS | DATUM ELEVATION: 300 M<br>DATUM VELOCITY: 3048 M/SEC.<br>PROCESSING DATUM: 0 MS.<br>ELEVATION, WEATHERING, AND DRIFT |
| ANALYSIS | PRELIMINARY VELOCITIES AND STATICS |
| STATICS<br>TRACE KILLS | SURFACE STACK RESIDUAL |
| VELOCITY ANALYSIS<br>FINAL MOVEOUT | DIP COMPENSATED |
| NEAR SCALING | 800-2000 MS. |
| MUTE DISTANCE(M)<br>TIME(MS) | 270 670 1600<br>0-150 300-400 850 |
| STATICS | SURFACE CONSISTENT RESIDUAL<br>WINDOW: 500-2000 MS. |
| TRACE GATHER | FOLD: 12 |
| STATICS | CDP CROSS CORRELATION |
| STACK | |
| K-M MIGRATION | 100% DIP COMPENSATED VELOCITIES |
| TIME VARIANT FILTER | WINDOW: 0-1100 16/20 - 100/120<br>1100-3000 8/12 - 80/90 |
| EQUALIZATION | MEAN WINDOW: 150-2000 MS. |

Groupe Ois et Gaz Canada
Bibliothèque
Administration des terres et des eaux
Affaires indiennes et du Nord Canada
MAR 18 1988
Oil and Gas Lands Group
Bibliothèque des Ressources
Library

9229-C90-1E

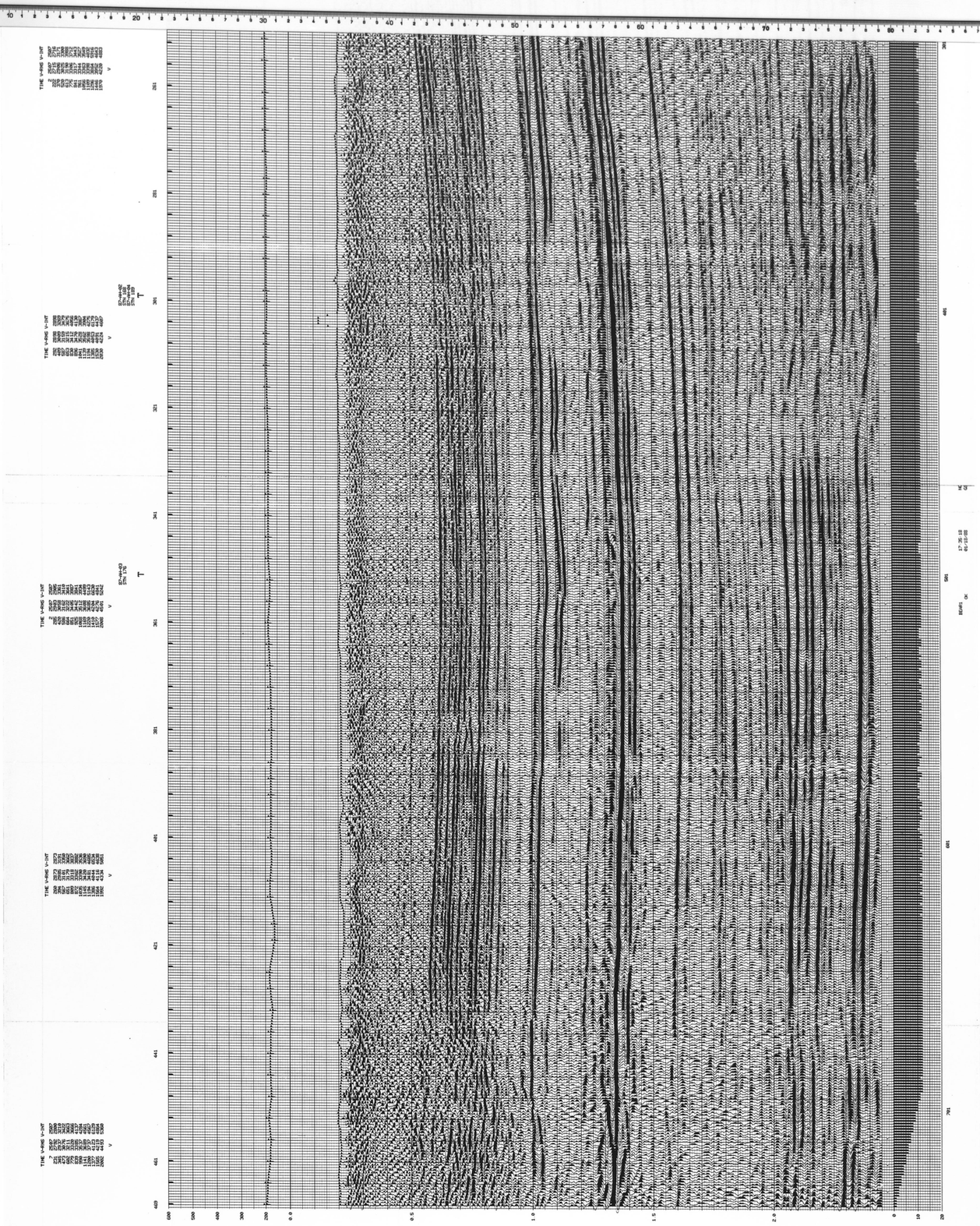
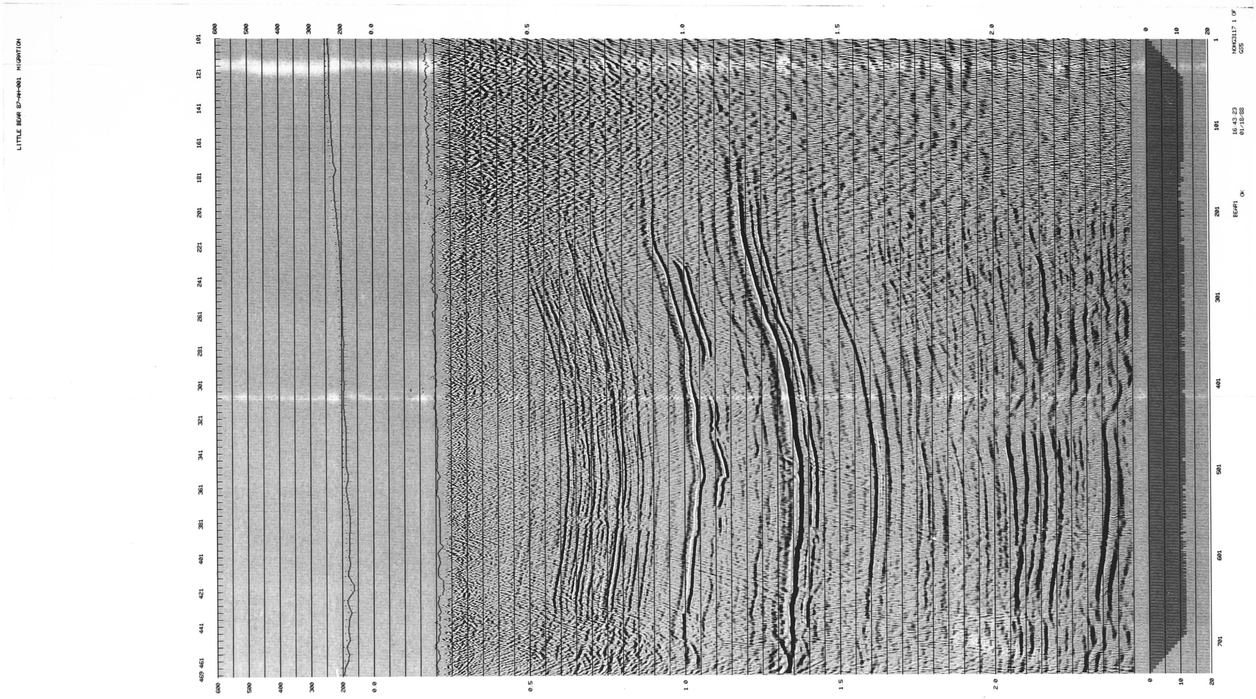
GEO-X SYSTEMS LTD.
2060 Walkley Rd.
Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502
Cable: TERRA

PROJ. NO. 9229-C90-1E
LINE NO. 87-AH-001
PART NO. 1 OF 2
R.R. 10X

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

PROJ. NO. 9 2 2 9 - C 9 0 - 1 E

LINE NO. 8 7 - A H - 0 0 1

PART NO. 2 OF 2

R.R. 10X