

SP 291

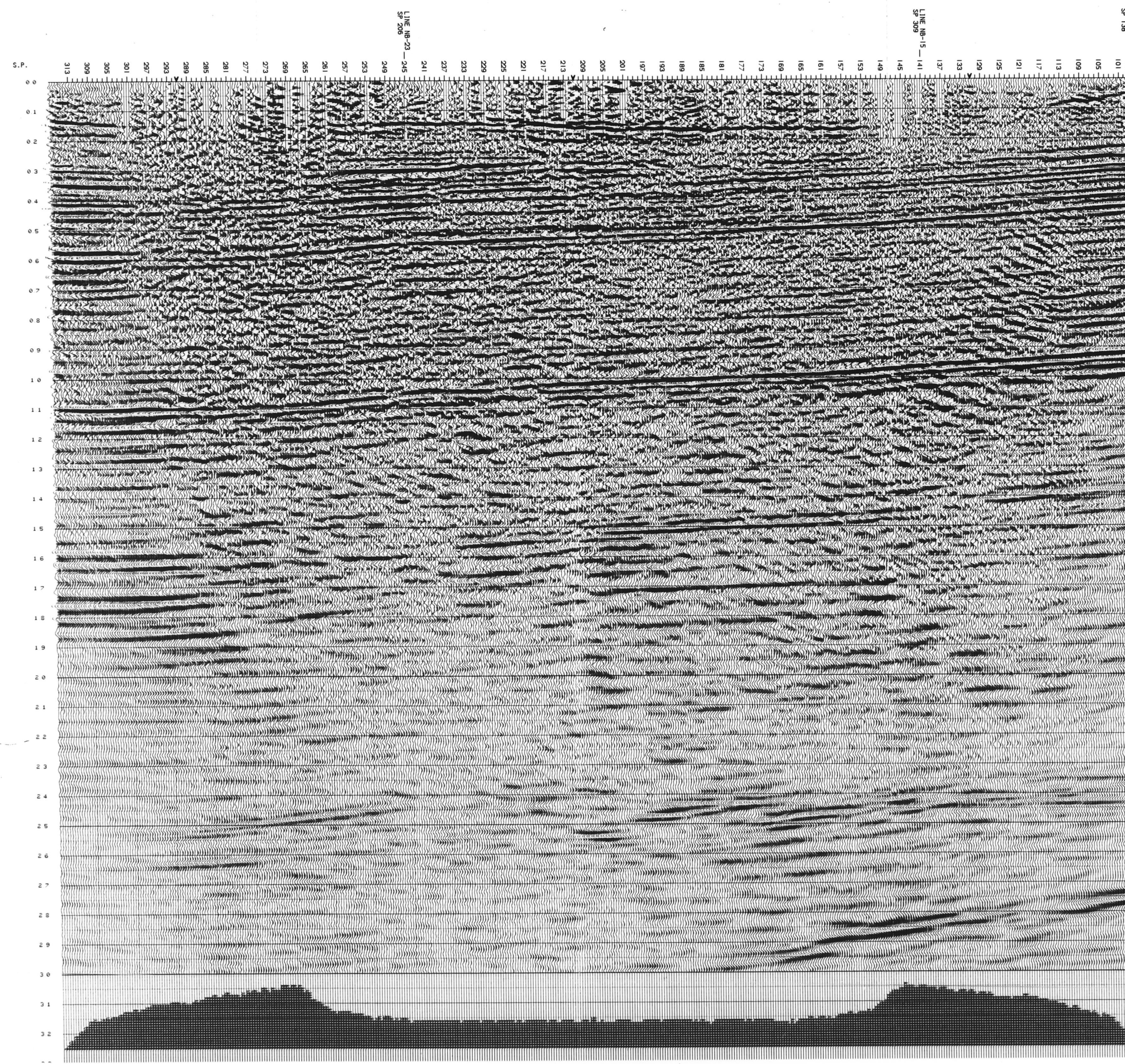
| TIME | VRS  |
|------|------|
| 0    | 2000 |
| 100  | 2100 |
| 190  | 2600 |
| 240  | 2600 |
| 250  | 3000 |
| 260  | 3500 |
| 270  | 3500 |
| 280  | 3500 |
| 290  | 3500 |
| 300  | 3500 |
| 310  | 3500 |
| 320  | 3500 |
| 330  | 3500 |
| 340  | 3500 |
| 350  | 3500 |
| 360  | 3500 |
| 370  | 3500 |
| 380  | 3500 |
| 390  | 3500 |
| 400  | 3500 |

SP 211

| TIME | VRS  |
|------|------|
| 0    | 2000 |
| 100  | 2100 |
| 190  | 2600 |
| 240  | 2600 |
| 250  | 3000 |
| 260  | 3500 |
| 270  | 3500 |
| 280  | 3500 |
| 290  | 3500 |
| 300  | 3500 |
| 310  | 3500 |
| 320  | 3500 |
| 330  | 3500 |
| 340  | 3500 |
| 350  | 3500 |
| 360  | 3500 |
| 370  | 3500 |
| 380  | 3500 |
| 390  | 3500 |
| 400  | 3500 |

SP 131

| TIME | VRS  |
|------|------|
| 0    | 2000 |
| 100  | 2100 |
| 190  | 2600 |
| 240  | 2600 |
| 250  | 3000 |
| 260  | 3500 |
| 270  | 3500 |
| 280  | 3500 |
| 290  | 3500 |
| 300  | 3500 |
| 310  | 3500 |
| 320  | 3500 |
| 330  | 3500 |
| 340  | 3500 |
| 350  | 3500 |
| 360  | 3500 |
| 370  | 3500 |
| 380  | 3500 |
| 390  | 3500 |
| 400  | 3500 |



LINE NB-6  
S.P. 99-317  
EAST

9229-N10-10E

MIGRATED STRUCTURAL STACK

NORTHCOR ENERGY LTD  
BOVIE LAKE

|                                                                                     |                                                                |                                        |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------|
|  | SEFEL GEOPHYSICAL<br>SEISMIC DATA PROCESSING<br>CALGARY CANADA | DATE PROCESSED<br>JUNE 1984<br>G.C. RN |
| <b>FIELD RECORDING</b>                                                              |                                                                |                                        |
| DATE SHOT MARCH 1984                                                                |                                                                |                                        |
| SHOT BY SEFEL GEOPHYSICAL LTD.                                                      |                                                                |                                        |
| SOURCE TYPE DYNAMITE                                                                |                                                                |                                        |
| SOURCE PATTERN SINGLE HOLE                                                          |                                                                |                                        |
| CHARGE SIZE 2 KG AT 11 M                                                            |                                                                |                                        |
| GEOPHONE TYPE GEOSPAC-10 HZ                                                         |                                                                |                                        |
| GEOPHONE PATTERN 9 AT 3 M INTERVALS                                                 |                                                                |                                        |
| INSTRUMENTS SEG-10 96 TRACE                                                         |                                                                |                                        |
| FORMAT SEG                                                                          |                                                                |                                        |
| RECORDING FILTER 12/18 - 125/72 HZ                                                  |                                                                |                                        |
| RECORD LENGTH 4 SEC                                                                 |                                                                |                                        |
| SAMPLE INTERVAL 2 MS                                                                |                                                                |                                        |
| GROUP INTERVAL 25 M                                                                 |                                                                |                                        |
| SHOT POINT INTERVAL 100 M                                                           |                                                                |                                        |
| SPREAD GEOMETRY 1200-25-X-25-1200 M                                                 |                                                                |                                        |
| <b>DIGITAL PROCESSING</b>                                                           |                                                                |                                        |
| 1 DEMULTIPLEX WITH GAIN REMOVAL                                                     |                                                                |                                        |
| PROCESSING SAMPLE RATE 2 MS                                                         |                                                                |                                        |
| 2 INSTRUMENT PHASE COMPENSATION                                                     |                                                                |                                        |
| 3 GEOPHONE PHASE COMPENSATION                                                       |                                                                |                                        |
| 4 CDP TRACE GATHERS                                                                 |                                                                |                                        |
| 5 AUTOMATIC GAIN CURVE APPLICATION                                                  |                                                                |                                        |
| 6 SPIKING DECONVOLUTION                                                             |                                                                |                                        |
| OPERATOR DESIGN WINDOW                                                              |                                                                |                                        |
| MIN OFFSET 150-1650 MS                                                              |                                                                |                                        |
| MAX OFFSET 800-2300 MS                                                              |                                                                |                                        |
| OPERATOR LENGTH 60 MS                                                               |                                                                |                                        |
| PREWHITENING 1 PERCENT                                                              |                                                                |                                        |
| 7 WEATHERING STATISTICS                                                             |                                                                |                                        |
| DATUM ELEVATION 500 M ASL                                                           |                                                                |                                        |
| DATUM VELOCITY 3700 M/SEC                                                           |                                                                |                                        |
| WEATHERING VELOCITY 610 M/SEC                                                       |                                                                |                                        |
| 8 AUTOMATIC RESIDUAL STATISTICS                                                     |                                                                |                                        |
| MAX CORRELATION LAG +-30 MS                                                         |                                                                |                                        |
| WINDOW 300-1500 MS                                                                  |                                                                |                                        |
| 9 VELOCITY ANALYSIS                                                                 |                                                                |                                        |
| 10 NMO                                                                              |                                                                |                                        |
| 11 AUTOMATIC RESIDUAL STATISTICS                                                    |                                                                |                                        |
| MAX CORRELATION LAG +-20 MS                                                         |                                                                |                                        |
| WINDOW 100-1200 MS                                                                  |                                                                |                                        |
| 12 COMMON OFFSET STACK                                                              |                                                                |                                        |
| 13 RESIDUAL NMO                                                                     |                                                                |                                        |
| 14 MUTE                                                                             |                                                                |                                        |
| 15 STACK 1200 PERCENT                                                               |                                                                |                                        |
| 16 HAVE EQUATION MIGRATION                                                          |                                                                |                                        |
| 17 BANDPASS FILTER 10/20 - 60/70 HZ                                                 |                                                                |                                        |
| 18 EQUALIZATION                                                                     |                                                                |                                        |
| 400-2500 MS                                                                         |                                                                |                                        |
| 19 FILM DISPLAY 16 TRACES/IN                                                        |                                                                |                                        |
| 7.5 INCHES/SEC                                                                      |                                                                |                                        |
| POLARITY (X) NORMAL ( ) REVERSE                                                     |                                                                |                                        |
| PROCESSING PARAMETERS SELECTED BY<br>EMPRESS EXPLORATION CONSULTANTS                |                                                                |                                        |