



2060 Valley Rd. Oshawa, Ont.
Tel. (613) 731-9271
Telex: 053-3502
Cable: TERRA

PROJ. NO.

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LINE NO.

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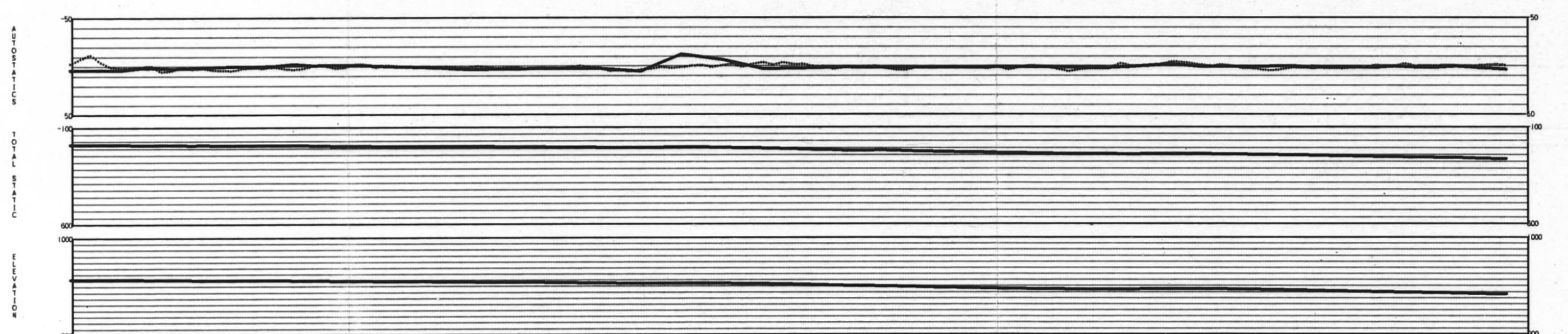
PART NO.

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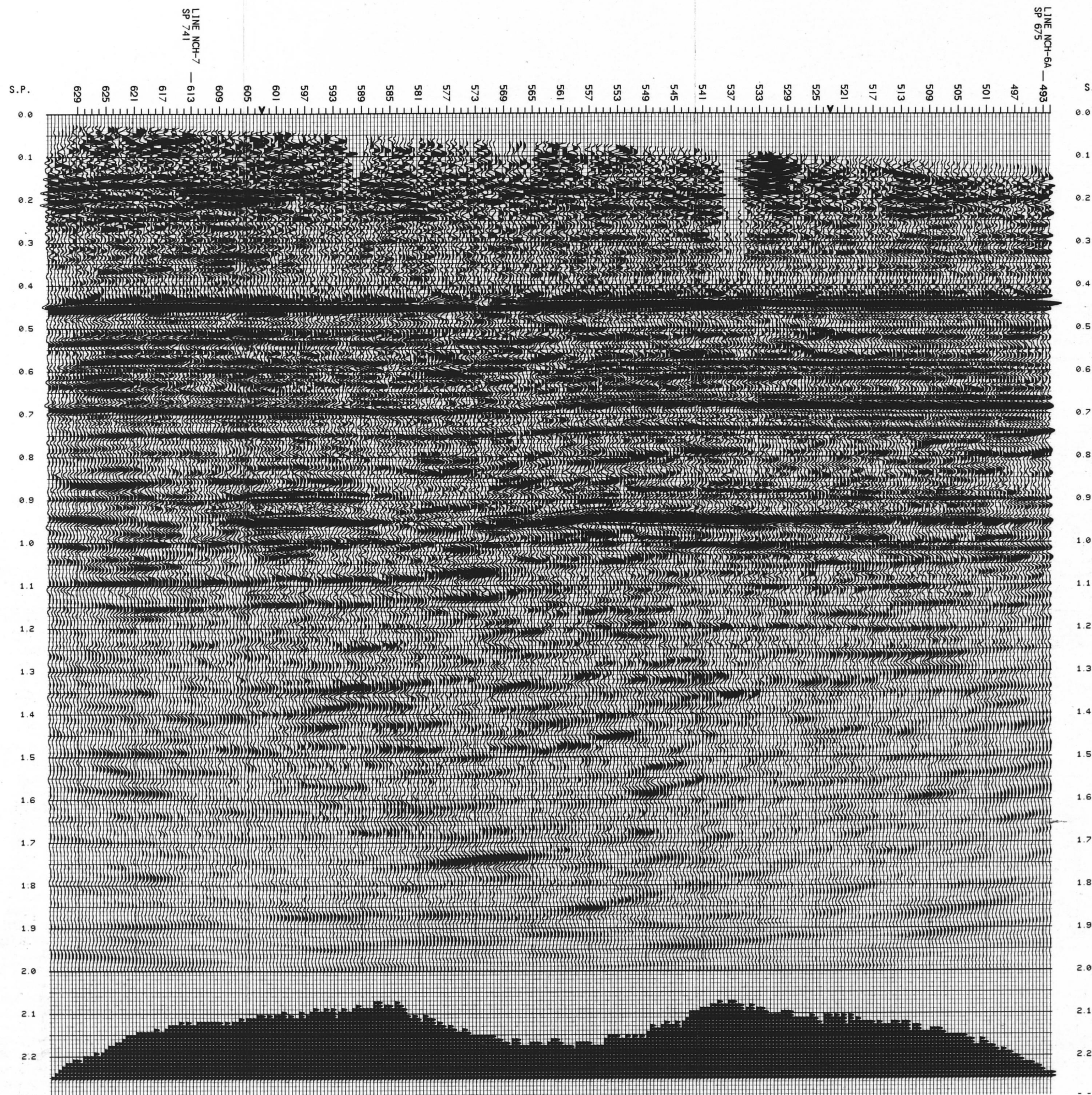
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R.R. 8X



TIME VRS
0 1800
193 2000
386 2200
453 2400
513 2500
533 2600
573 3000
683 3200
943 3500
1243 3800
2043 4500

TIME VRS
0 1800
310 2100
440 2300
490 2500
555 3000
610 3100
680 3200
730 3300
940 3500
1240 3800
1580 4100
2100 4500



LINE NCH-23A
S.P. 491-629

NORTH

92-9-N10-TE

MIGRATED STACK

NORTHCOR ENERGY LTD

CAMERON HILLS



SEFEL GEOPHYSICAL
SEISMIC DATA PROCESSING
CALGARY CANADA

DATE PROCESSED
MAY, 1984
G.C. DEBRA BARRON

FIELD RECORDING

DATE SHOT FEBRUARY, 1984
SHOT BY SEFEL GEOPHYSICAL LTD.
PARTY NO. 521
SOURCE TYPE DYNAMITE
SOURCE PATTERN SINGLE HOLE
CHARGE 2 KG AT 12 M
GEOPHONE TYPE MARK L-15 10 HZ
GEOPHONE PATTERN 9 AT 3.0 M INTERVALS
DATA CHANNELS 96
GROUP INTERVAL 25 M
SHOT POINT INTERVAL 100 M
SPREAD GEOMETRY 1200-25-X-25-1200 M
INSTRUMENT TYPE SERCEL 338B
TAPE FORMAT SEGB
FIELD FILTER 8/12 - 125/24 HZ/DB
NOTCH OUT
SAMPLE INTERVAL 2 MS
RECORD LENGTH 3 SEC

DIGITAL PROCESSING

1 DEMULTIPLEX WITH GAIN REMOVAL
2 GEOMETRY
3 AUTOMATIC GAIN CURVE APPLICATION
4 INSTRUMENT PHASE COMPENSATION
5 GEOPHONE PHASE COMPENSATION
6 LOW CUT FILTER
7 SPIKING DECONVOLUTION 8/16 HZ
OPERATOR LENGTH 60 MS
OPERATOR DESIGN WINDOW
MIN OFFSET 100-1500 MS
MAX OFFSET 750-2150 MS
PREWHITENING 1 PERCENT
8 WEATHERING CORRECTIONS
DATUM ELEVATION 750 M ASL
DATUM VELOCITY 2800 M/SEC
WEATHERING VELOCITY 610 M/SEC
9 EQUALIZATION
10 AUTOMATIC RESIDUAL STATICS
WINDOW 350-1000 MS
MAX CORRELATION LAG +-40 MS
11 VELOCITY ANALYSIS
12 NORMAL MOVEOUT
13 AUTOMATIC RESIDUAL STATICS
WINDOW 300-1000 MS
MAX CORRELATION LAG +-20 MS
14 COMMON OFFSET STACK
15 RESIDUAL NMO
16 MUTE
17 STACK 1200 PERCENT
18 BANDPASS FILTER 8/16-75/95 HZ
19 EQUALIZATION
WINDOW 300-1500 MS
20 TIME DOMAIN WAVE EQUATION MIGRATION 16 TR/IN
21 FILM DISPLAY 7.5 IN/SEC

POLARITY (x) POSITIVE () NEGATIVE

PROCESSING PARAMETERS SELECTED BY
EMPRESS EXPLORATION CONSULTANTS