

9 2 2 9 - P 2 8 - 9 E

41739 R 64-01



CLIENT: PETRO-CANADA
AREA: CAMERON HILLS
LINE: 8017
SHOTS: 103-396
LOCATION: NORTHWEST TERRITORIES
NTS: 85C
FOLD: 1200%
POLARITY: NORMAL
PROCESS: MIGRATED STACK

ACQUISITION: SEFEL GEOPHYSICAL LTD.
DATE SHOT: MARCH 1985

SPREAD
SHOOTING DIRECTION: SW TO NE
STATION INTERVAL: 20 METERS
SHOT INTERVAL: 100 METERS
NO. OF TRACES: 120
SPREAD CONFIGURATION: 1200-40-2-40-1200 METERS

INSTRUMENTS
BLAKE/ANDER: DVS V
SAMPLE RATE: 2 MS
RECORD LENGTH: 4 SEC
FILTER: 12/18 - 120/72 HZ/OCT
NOTCH FILTER: ON
TAPE FORMAT: SECR 120 TRACES

RECEIVERS
TYPE: GEOSPAC GS200 14 HE
NUMBER PER GROUP: 9
SPACING: 2.5 METERS

SOURCE
TYPE: DYNAMITE
CHARGE SIZE: 1/2 KG. EACH HOLE
SOURCE LAYOUT: 8 OR 3 HOLES PER LINE OVER 50 M

PROCESSING: SEISCOM DELTA UNITED (CANADA) LTD.
CENTER: CALGARY, ALBERTA
DATE: MAY 1985

DEMULTIPLEX
PROCESSING SAMPLE RATE: 2 MS
PROCESSING RECORD LENGTH: 1.5 SEC
REFORMAT TO: SECT. 22 BIT, FLOATING POINT

AMPLITUDE RECOVERY
EMPIRICAL DIVERGENCE: TO 400 MS
RECONSTRUCTION GAIN: 1440/SEC

DECONVOLUTION
TYPE: CONSTANT
OPERATOR LENGTH: SPKING
PERMISS: 50 MS
DESIGN WINDOW LENGTH: 0.12
600 MS

STATISTICS
DEPT SHOT AND RECEIVER STATICS: 200 METERS
DURATION: 4500 MS
REPLACEMENT VELOCITY: 4500 MS
WEATHERING VELOCITY: 610 MS

PRELIMINARY VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DURATION REFERENCED)
INTERVAL: EVERY 4 KM

RESIDUAL STATICS
TYPE: SURFACE CONSISTENT
WINDOW: 250 TO 650 MS

VELOCITY ANALYSIS
TYPE: DOVE VELOCITY SPECTRA (DURATION REFERENCED)
INTERVAL: EVERY 4 KM
COMMON OFFSET STACK

NMO
INTERVAL VELOCITIES COMPUTED BY DIX EQUATION

FRONT MUTE
RANGE (MS): 250
TIME (MS): 0
250
1250
2440

CDP STACK
FOLD: 1200

WAVE EQUATION MIGRATION
80 PCT. OF INTERVAL VELOCITY APPLIED

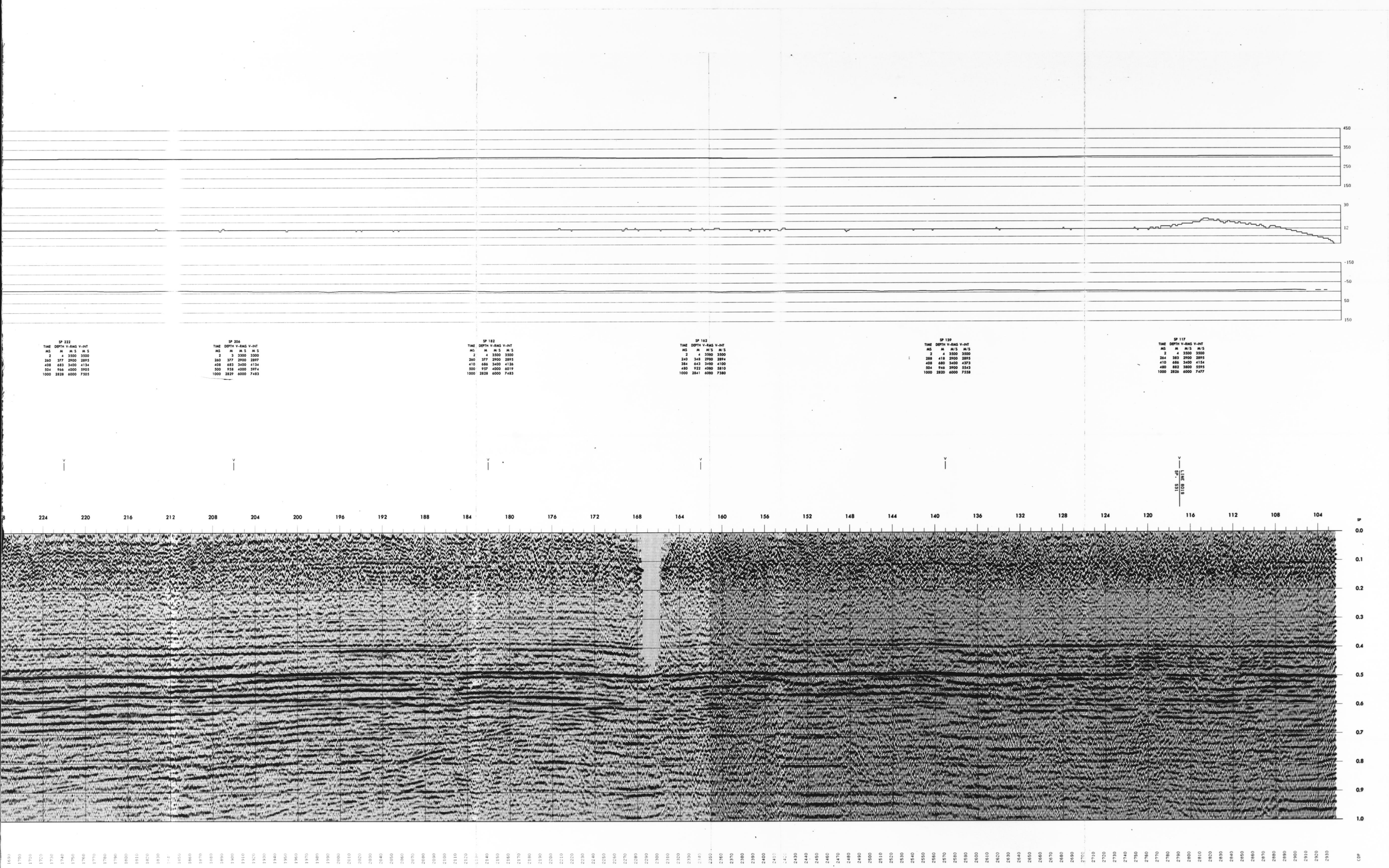
FILTER
TYPE: TRAPEZOIDAL ZERO PHASE
25 - 25 - 80 - 100 HZ

TRACE EQUALIZATION
SIGNAL WINDOW LENGTH: 400 MS
PRECINO: 100

DISPLAY
HORIZONTAL SCALE: 25 IN/INCH
VERTICAL SCALE: 7.5 INCHES/SEC

REMARKS
LINE TIES ESTIMATED FROM LIT.

PROCESSED BY: W. DOUGHERTY
QUALITY CONTROL BY: C. MORRISON





2080 Valley Rd
Ottawa, Ont.
Canada K1G 3P5
Tel: (613) 731-5971
Fax: (613) 731-5972
Cable: TEMPA

PROJ. NO.

9

2

2

9

-

P

2

8

-

9

E

LINE NO.

8

0

1

7

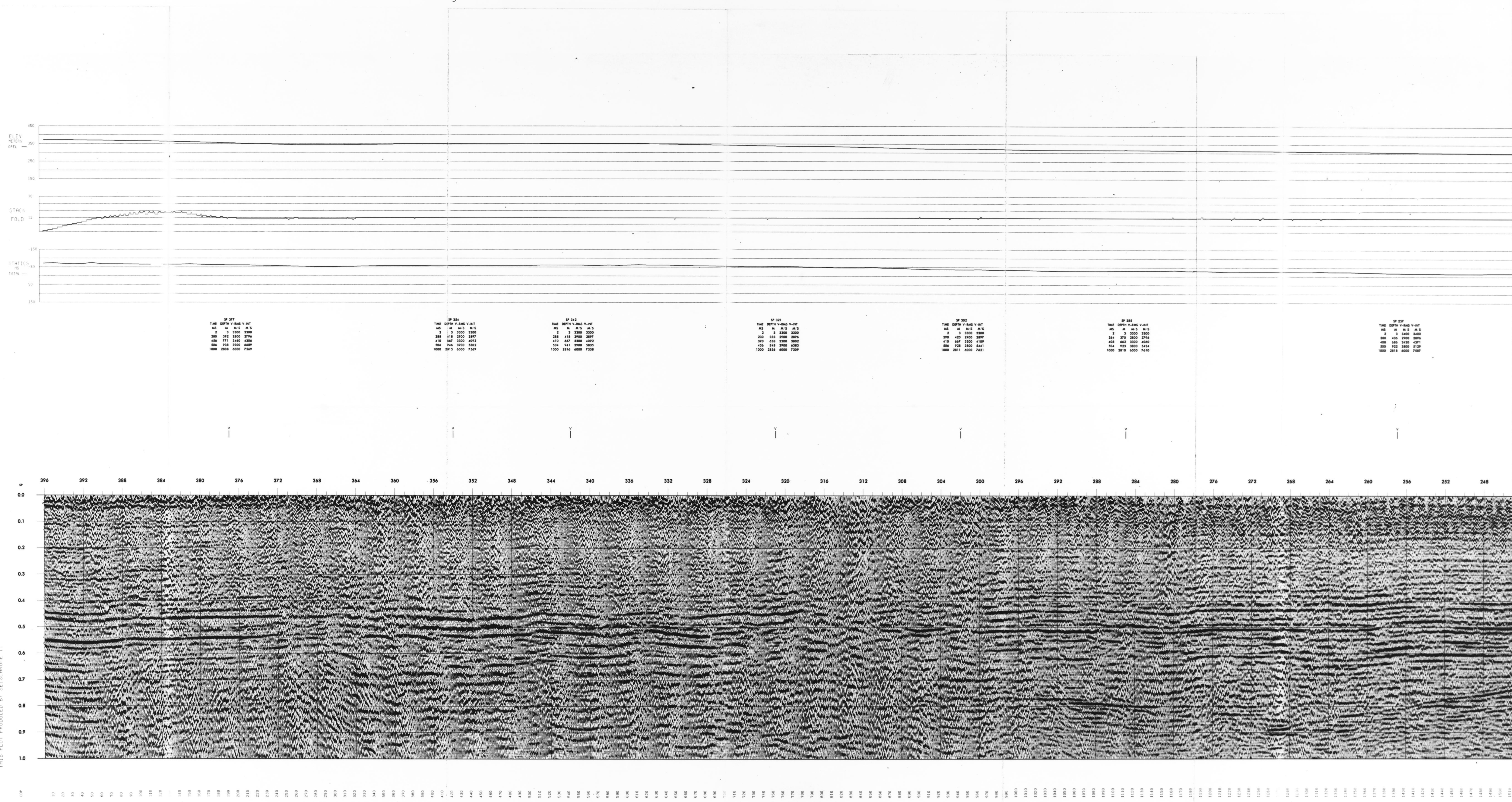
PART NO.

3

OF

3

R.R. 8X



THIS PLOT PRODUCED BY SEISCHROME II