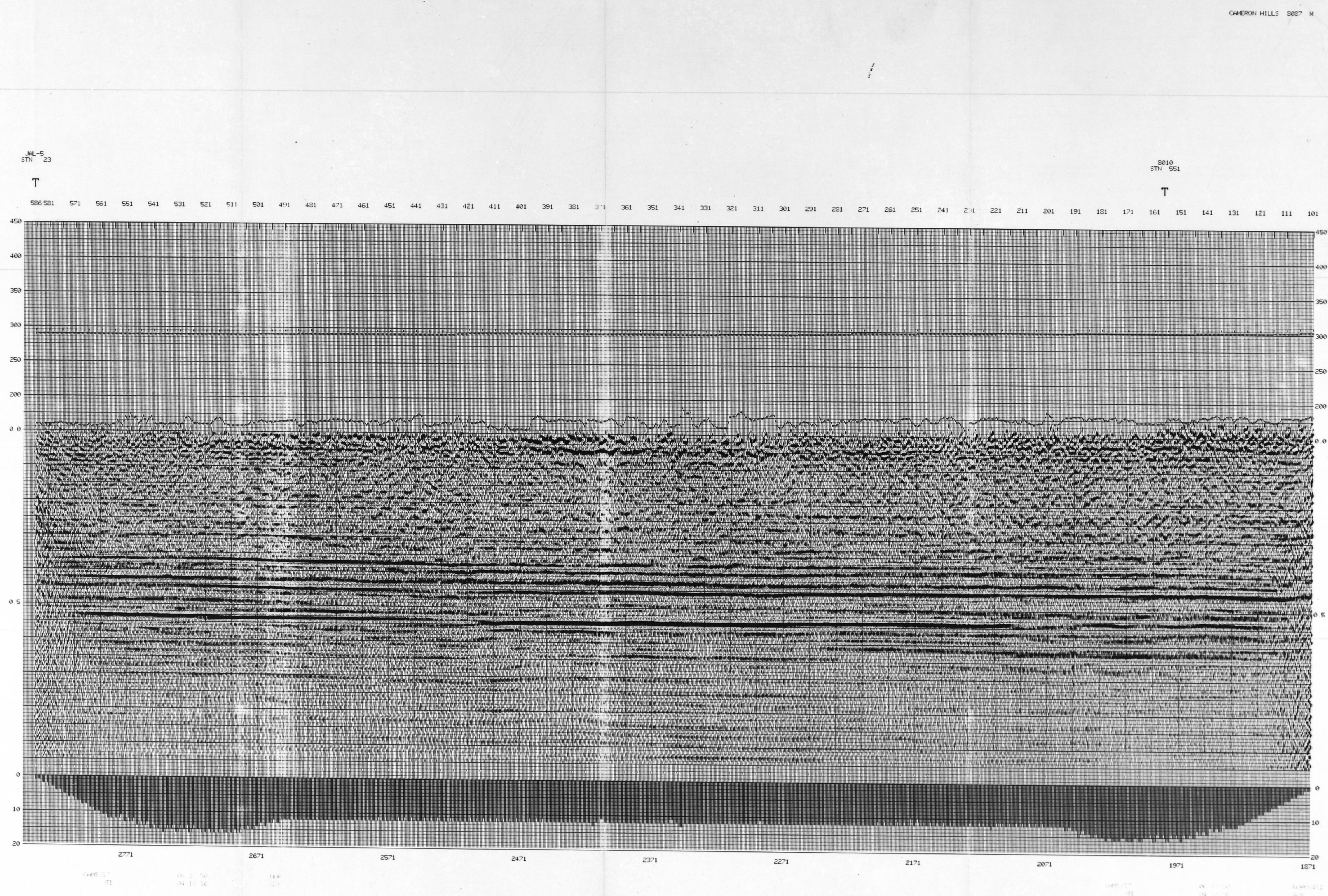




0229-T28-16E

PETRO-CANADA
EXPLORATION INC.

LINE: 86-PCR-8087
PROJECT: CAMERON HILLS
LOCATION: NORTHWEST TERRITORIES
NTS: 85C

SP 586 N SP 101

FLAG

MIGRATED SECTION

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

ACQUISITION PARAMETERS

SHOT BY: SONICS EXPLORATION PTY. 901
DATE: JAN 1986

SPREAD: 630 M - 40 M * 40 M - 630 M
SOURCE INTERVAL: 50 M
RECEIVER INTERVAL: 10 M

SOURCE: VIBROSEIS, 3 VIBRS, 30 M DRAG,
12 SEC SWEEP, 14-96 HZ, 8 SURS
DTG, 14 HZ, 9 OVER 10 METERS

RECEIVERS: GPS-V FT-1 120 TRACE
IFF
TAPE FORMAT: SEC Y
FIELD FILTERS: OUT-128 HZ NOTCH: OUT
SAMPLE RATE: 2 MS.

PROCESSING PARAMETERS

PROCESSED BY GEO-X
DATE: MAR 1986

DIGITAL CONVERSION

AMPLITUDE RECOVERY (ATIEXP/IBT)

DECONVOLUTION TYPE: ZERO-PHASE
OPERATOR LENGTH: 60 MS.
PREWHITENING: 1 %
GATE: 200-1000 MS. AT 0 OFFSET
450-1030 MS. AT 630 M OFFSET

STRUCTURAL CORRECTIONS DATUM ELEVATION: 300 M
DATUM VELOCITY: 4500 M/SEC.
PROCESSING DATUM: -100 MS.
ELEVATION, WEATHERING, AND DRIFT
(DIAMANTE REFRACTION SURVEY)

ANALYSIS PRELIMINARY VELOCITIES AND STATICS

STATICS SURFACE STACK RESIDUAL

TRACE HILLS

VELOCITY ANALYSIS

FINAL MOVEOUT

MEAN SCALING 100-850 MS.

MUTE DISTANCE (M) 140 1260
TIME (MS) 210 1000

STATICS SURFACE CONSISTENT RESIDUAL
WINDOW: 100-850 MS.

TRACE GATHER FOLD: 12

STATICS CDP CROSS CORRELATION

STACK

PREDICTIVE DECONVOLUTION OPERATOR LENGTH: 60 MS.
PREDICTION DISTANCE: 30 MS.
WINDOW: 50-850 MS.

MIGRATION N-K MIGRATION
80% STACKING VELOCITIES

FILTER 14/18 - 80/90 HZ

EQUALIZATION MEAN WINDOW: 100-850 MS.

DISPLAY HORIZONTAL SCALE = 36 TR./IN.
VERTICAL SCALE = 7.5 IN./SEC.