

PETRO-CANADA
EXPLORATION INC.

LINE: 86-PCR-8077
PROJECT: CAMERON HILLS
LOCATION: NORTHWEST TERRITORIES
NTS: 85C

SP 1801

SP 81

MIGRATED SECTION

POLARITY ☒ NP ☐ RP

FIRST KICK 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 SHEEP, 14-96 HZ, 8 SWS
DTS, 14 HZ, 9 OVER 10 METERS
RECEIVERS: DTS-V FT-1 120 TRACE
INSTRUMENTS: IFF
GAIN MODE: 50G T
TAPE FORMAT: OUT-128 HZ NOTCH: OUT
FIELD FILTERS: 2 MS.
SAMPLE RATE:

PROCESSING PARAMETERS

PROCESSED BY GEO-X
DATE: MAR 1986
DIGITAL CONVERSION
AMPLITUDE RECOVERY (ATIEXP(BT))
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, HEATHERING, AND DRIFT
(DYNAMIC REFRACTION SURVEY)
ANALYSIS PRELIMINARY VELOCITIES AND STATICS
STATICS SURFACE STACK RESIDUAL
TRACE KILLS
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 COP CROSS CORRELATION
STACK
PREDICTIVE OPERATOR LENGTH: 60 MS.
DECONVOLUTION PREDICTION DISTANCE: 30 MS.
WINDOW: 50-850 MS.
MIGRATION K-K MIGRATION
80% STACKING VELOCITIES
14/10 - 80/90 HZ
FILTER
EQUALIZATION MEAN WINDOW: 100-850 MS.
DISPLAY HORIZONTAL SCALE = 36 TR./IN.
VERTICAL SCALE = 7.5 IN./SEC.



2880 Wabash Rd.
Ottawa, Ont.
Tel: (613) 231-2821
Cable: TERRA
PROJ. NO.

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LINE NO.

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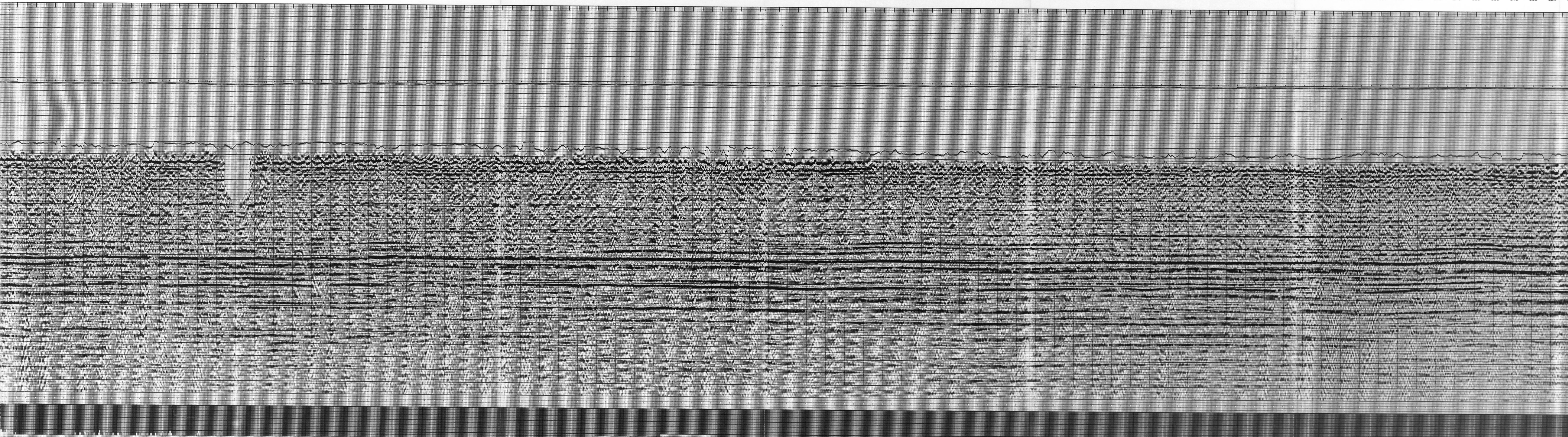
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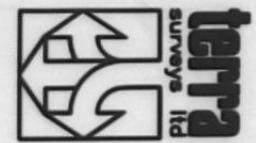
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2701 2601 2501 2401 2301 2201 2101 2001 1901 1801 1701 1601 1501 1401 1301 1201 1101



2080 Warden Rd.
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PROJ. NO.

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LINE NO.

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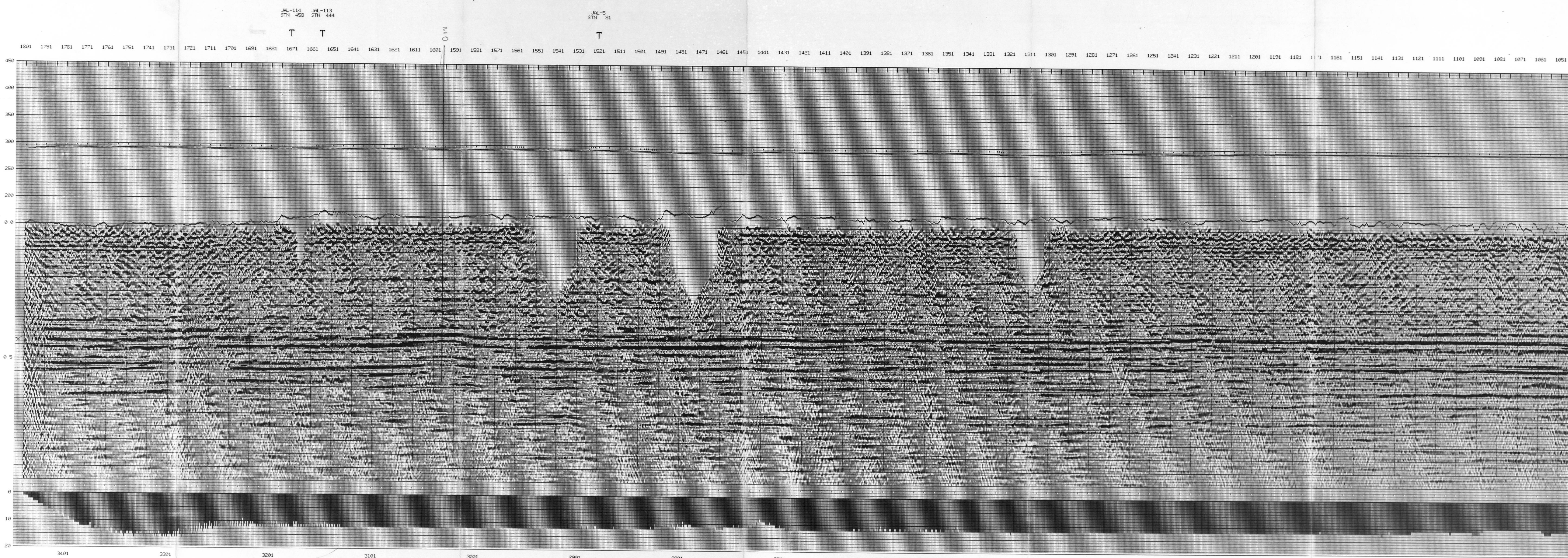
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ML-114 ML-113
STN 458 STN 444

ML-5
STN 51

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