

LINE W84-BT
SP 105-482

N.E.

MIGRATED STACK

TEXACO CANADA RESOURCES

HOOSIER RIDGE



SEFEL GEOPHYSICAL
SEISMIC DATA PROCESSING
CALGARY CANADA

DATE PROCESSED JUNE 1984
Q.C. PAUL CHERNOFF

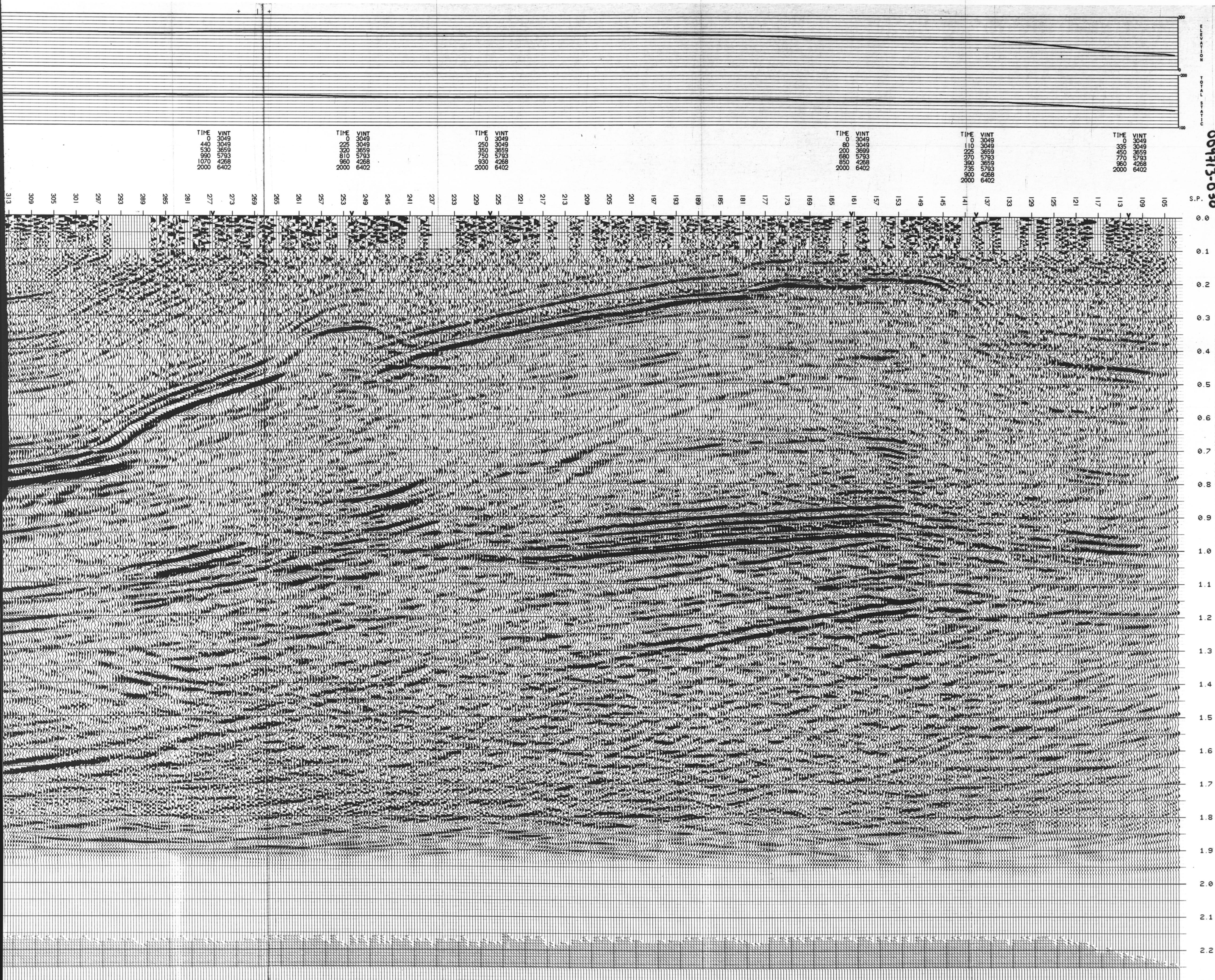
FIELD RECORDING

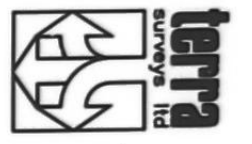
SHOT BY DATE SHOT WESTERN GEOPHYSICAL
PARTY APRIL 1984
SOURCE PARTY 367
CHARGE DYNAMITE
DEPTH 2 KG
PATTERN 14 M
SHOT INTERVAL ONE HOLE
GEOPHONE INTERVAL 134 M
PATTERN 33.5 M
TYPE 9 OVER 33.5 M
NUMBER OF GROUPS SENSOR SM-7/30 HZ
SPREAD 1608-33.5-X-33.5-1608 M
INSTRUMENT TYPE DFS V
TAPE FORMAT SEGB
GAIN MODE 12/128 HZ
FIELD FILTER OUT
NOTCH FILTER 2 MS
SAMPLE INTERVAL

DIGITAL PROCESSING

- DEMULPLEX AND BINARY GAIN REMOVAL
RECORD LENGTH 2 SECONDS
SAMPLE INTERVAL 2 MS
- CDP GATHERS
FOLD 1200 PERCENT
- AUTOMATIC GAIN RECOVERY
- INSTRUMENT PHASE COMPENSATION
- DECONVOLUTION-SPIKING
80 MS OPERATOR
PREWHITENING ONE PERCENT
WINDOW 100-1500 MS
- DATUM AND WEATHERING STATICS
DATUM 100 M
REPLACEMENT VELOCITY 3500 M/S
WEATHERING VELOCITY 610 M/S
- SURFACE CONSISTENT RESIDUAL STATICS
WINDOW 200-1500 MS
CORRELATION LAG +/- 40 MS
- VELOCITY ANALYSIS
SEMBLANCE TYPE
- NORMAL MOVEOUT
- SURFACE CONSISTENT RESIDUAL STATICS
WINDOW 200-1500 MS
CORRELATION LAG +/- 30 MS
- MUTE
0 MS AT 135 M
100 MS AT 150 M
650 MS AT 1608 M
- CDP STACK
1200 PERCENT
- BANDPASS FILTER
9/15-100/110 HZ
- EQUALIZATION
- POST-STACK WAVE-EQUATION MIGRATION
100 PERCENT INTERVAL VELOCITIES
- FILM DISPLAY
12 TP1
10 IPS

REVERSE POLARITY





TIME VINT
0 3049
560 3049
650 3049
810 3049
990 5793
1180 4268
2000 6402

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