

9229-F9-6E

FORWARD RESOURCES LTD.

PROCESSING MONITORED BY
PETROL CONSULTANTS LTD.

LINE: 84-49
PROJECT: CAMERON HILLS
LOCATION: N.W.T. 60N 117W

NE.

STRUCTURE - FK FILTER

POLARITY ☒ NP ☐ RP
FIRST RICH POLARITY ABOVE FOLD BANDS, PEAKS ARE POSITIVE NUMBERS

ACQUISITION PARAMETERS

SHOT BY: PACER GEOPHYSICAL LTD., PTY. L.
DATE: JAN. 1984
OFFER: 60M-20-4-20-90M
SOURCE INTERVAL: 100M
RECEIVER INTERVAL: 20M
SOURCES: 80 WIDE SINGLE WIDE 1 M. AT 10M
RECEIVERS: GEOSPAC 14 MZ, 9 OVER 20M
INSTRUMENTS: SP-9 96 TRACE
DATA WIDE: 10P
TAPE FORMAT: SEC-9
FIELD FILTERS: OUT-100 NOTCH: OUT

PROCESSING PARAMETERS

PROCESSED BY GEO-X
DATE: APRIL 1984
DIGITAL CONVERSION: G. K.S. 10 L. DAY
AMPLITUDE RECOVERY: (AT EXPIRE)
PHASE COMPENSATION: INSTRUMENT AND GEOPHONE
DECONVOLUTION: TYPE: SPINNING
OPERATION LENGTH: 40 MS.
PREHYPHENAL: 1.1
GATE: 300-1200 MS. AT 0 OFFSET
700-1200 MS. AT 900 M OFFSET

STRUCTURAL CORRECTIONS

BATHY ELEVATION: 760 M.
DATUM VELOCITY: 2000 M/SEC.
PROCESSING DATUM: 0 M.
ELEVATION, WEATHERING, AND DRIFF

ANALYSIS

PRELIMINARY VELOCITIES AND STATICS
SURFACE STACK RESIDUAL

STATICS

TRACE WILLS

VELOCITY ANALYSIS

FINAL MOMENT

F-K FILTER

DATA OUTSIDE +/- ONE TRACE
ATTENUATED BY 6 DB.

MEAN SCALING

400-1700 MS. 1

MUTE

DISTANCE (M) 240 400 900
TIME (MS) 300 400-900 900

STATICS

SURFACE CONSISTENT RESIDUAL

WINDING: 400-1700 MS.

TRACE GATHER

FOLD: 6

STATICS

10P CROSS CORRELATION

STACK

10/20 - 600/100

FILTER

MEAN WINDOW 400-1700 MS.

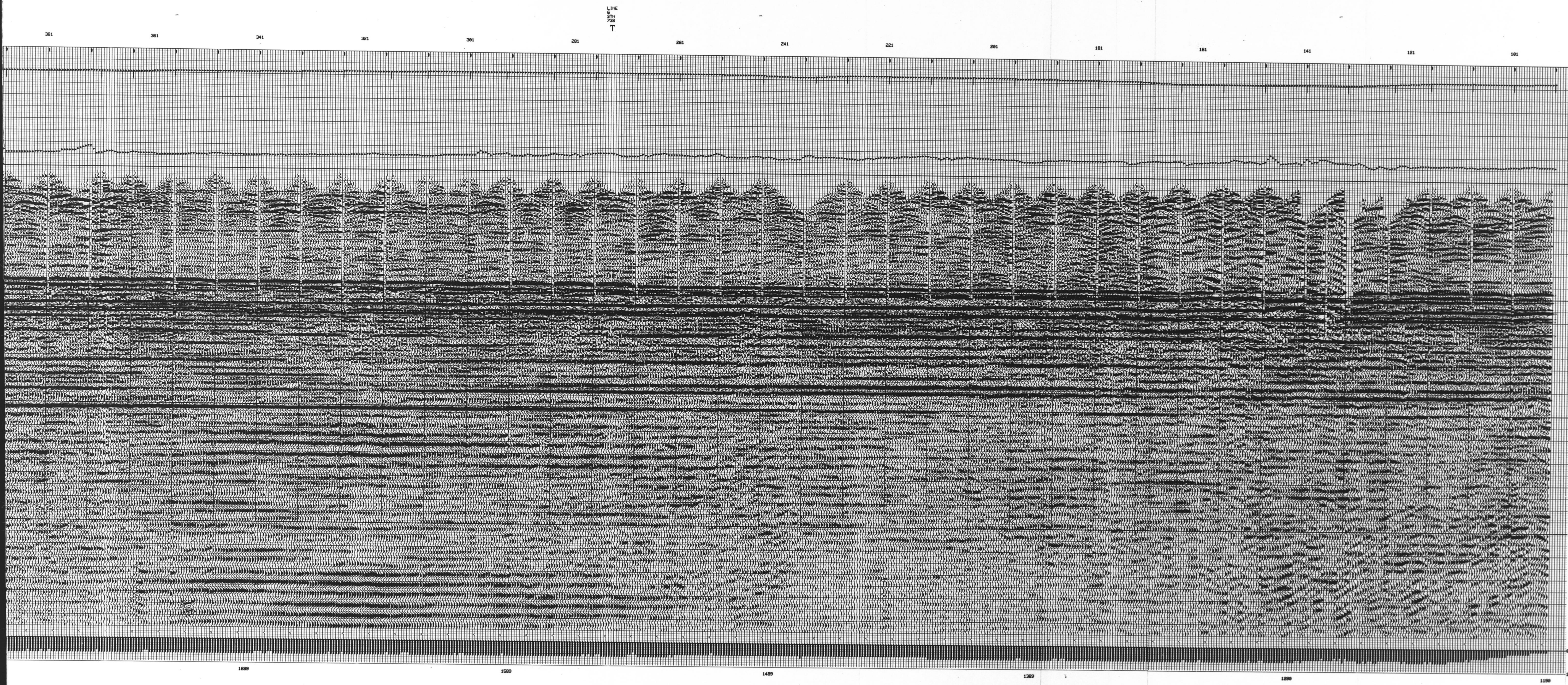
EQUALIZATION

10-1.0, 800-1.0, 700-1.2,
1500-1.0, 2000-1.0

LINEAR RAMP SCALING

TIME V-RNG V-DIT

140	22.05	22.05
200	22.12	22.12
300	22.18	22.18
400	22.25	22.25
500	22.32	22.32
600	22.38	22.38
700	22.45	22.45
800	22.52	22.52
900	22.58	22.58
1000	22.65	22.65
1100	22.72	22.72
1200	22.78	22.78



TIME	V-RMS	V-INT
140	2265	2265
200	2424	2573
480	2522	2653
590	2816	3844
680	3139	4739
800	3208	3673
925	3283	3727
1010	3370	4201
1190	3579	4578
1500	3758	4377