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FORWARD RESOURCES LTD.

PROCESSING MONITORED BY
PETREL CONSULTANTS LTD.

LINE: 84-11
PROJECT: CAMERON HILLS
LOCATION: N.W.T. 60N 117W

STRUCTURE - FK FILTER

POLARITY ☒ NP ☐ RP

FIRST RICK POLARITY ABOVE FOLD BARS, PEAKS ARE POSITIVE NUMBERS

ACQUISITION PARAMETERS

SHOT BY: PACER GEOPHYSICAL LTD. PTY 2
DATE: JUN. 1984
SPREAD: 48X48, 800M-20-K-20-800M
SOURCE INTERVAL: 10M
RECEIVER INTERVAL: 20M
SOURCE: DYNAMITE, SINGLE HOLE, 1 KG, AT 15M
RECEIVERS: GEOPHONE 14 KG, 9 OVER 20M
INSTRUMENTS: SPS-V, 06 TRACE
GAIN MODE: 10P
TAPE FORMAT: SEC-B
FIELD FILTERS: OUT-120 NOTCH: OUT

PROCESSING PARAMETERS

PROCESSED BY: GEO-X
DATE: APRIL 1984
DIGITAL CONVERSION: 60 X 5 - 1000 - 045
AMPLITUDE RECOVERY: (ATX/EXPRT)
PHASE COMPENSATION: INSTRUMENT AND GEOPHONE
DECONVOLUTION: TYPE: SPREADING
OPERATOR LENGTH: 80 MS.
PREWHITENING: 1
GATE: 300-1000 MS. AT 0 OFFSET
700-1200 MS. AT 900 M OFFSET
STRUCTURAL CORRECTIONS: DATUM ELEVATION: 762 M.
DATUM VELOCITY: 2000 M/SEC.
PROCESSING DATUM: 0 M.
ELEVATION, WEATHERING, AND DROPT
ANALYSIS: PRELIMINARY VELOCITIES AND STATICS
STATICS: SURFACE STACK RESIDUAL
TRACE HILLS
VELOCITY ANALYSIS: SURFACE STACK RESIDUAL
FINAL MOVEOUT
F-K FILTER: DATA OUTSIDE +/- 10% TRACE
ATTENUATED BY 6 DB.
MEAN SCALING: 400-1700 MS.
MUTE: 240 400 900
DISTANCE(M): 300 400-500 900
TIME(MS)
STATICS: SURFACE CONSISTENT RESIDUAL
WINDOW: 400-1700 MS.
TRACE GATHER: FOLD: 6
STATICS: CDP CROSS CORRELATION
STACK
FILTER: 18/20 - 100/110
EQUALIZATION: MEAN WINDOW: 400-1700 MS.
LINEAR RAMP SCALING: 10-1.0, 600-1.0, 700-1.2,
1000-1.2, 2000-1.0

