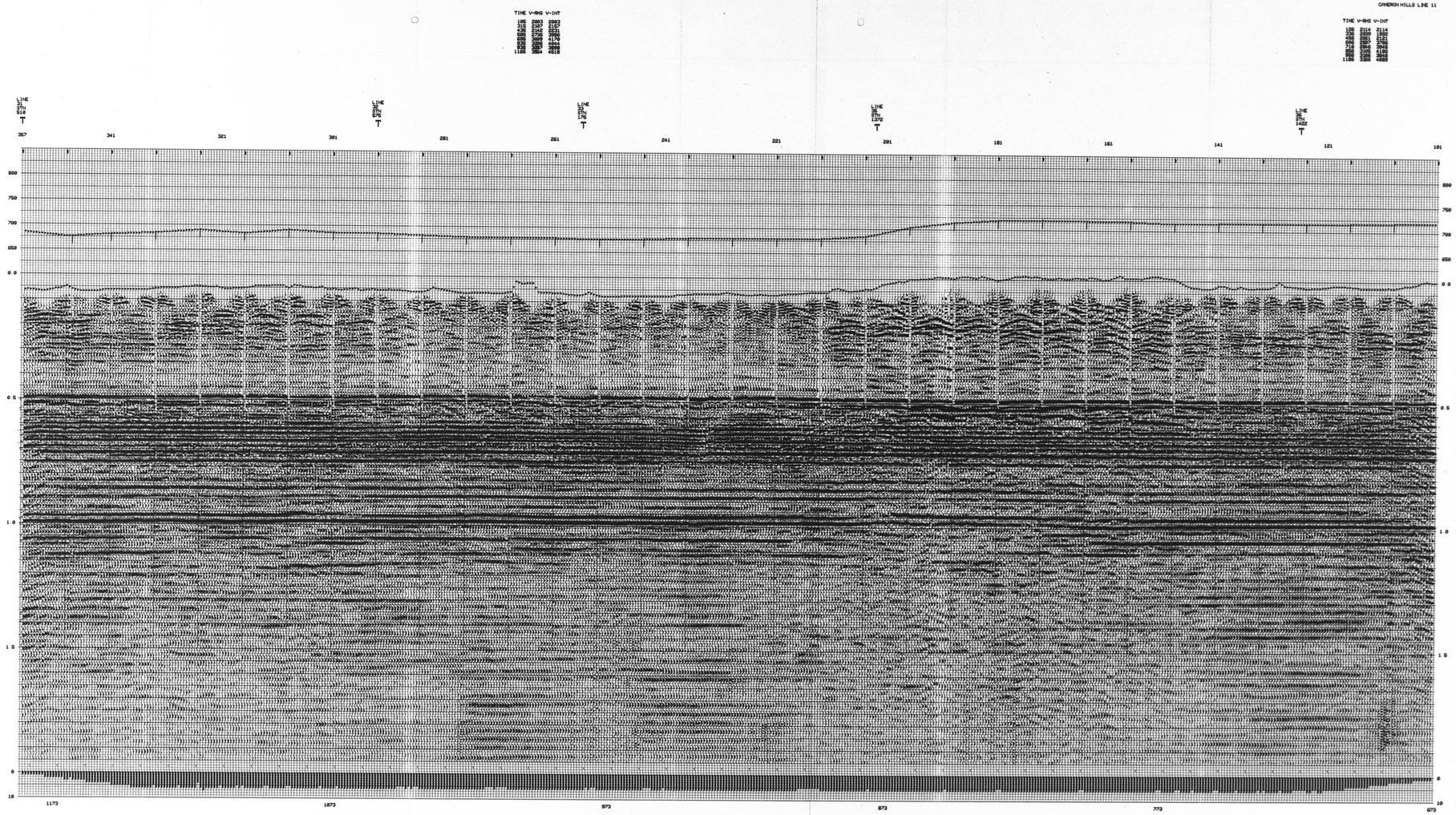
9229-F9-6E

CAMERON HILLS LINE 11




SURFACE REFERENCED VELOCITY TABULATIONS

FLAG

SURFACE ELEVATIONS

SURFACE IN TIME

# FORWARD RESOURCES LTD.

PROCESSING MONITORED BY
PETREL CONSULTANTS LTD.

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

N.

## STRUCTURE - FK FILTER

**POLARITY** ☒ NP ☐ RP

FIRST KICK POLARITY ABOVE FOLD BARS, PEAKS ARE POSITIVE NUMBERS

### ACQUISITION PARAMETERS

| | |
|---|---|
| SHOT BY<br>DATE | PACER GEOPHYSICAL LTD. PTY LTD<br>JAN. 1984 |
| SPREAD:<br>SOURCE INTERVAL:<br>RECEIVER INTERVAL: | 48X48, 960M-20-X-20-960M<br>100M.<br>20M. |
| SOURCE:<br>RECEIVERS: | DYNAMITE-SINGLE HOLE, 1 KG. AT 15M.<br>GEOSPACE 14 HZ, 8 OVER 20M |
| INSTRUMENTS:<br>GAIN MODE:<br>TAPE FORMAT:<br>FIELD FILTERS: | DFS-V 96 TRACE<br>IFP<br>SEG-B<br>OUT-120 NOTCH: OUT |

### PROCESSING PARAMETERS

| | |
|---|---|
| PROCESSED BY GEO-X<br>DATE: APRIL 1984 | GEO-X SYSTEMS LTD. DAS |
| DIGITAL CONVERSION | |
| AMPLITUDE RECOVERY | (AT)(EXP)(BT) |
| PHASE COMPENSATION | INSTRUMENT AND GEOPHONE |
| DECONVOLUTION | TYPE: SPIKING<br>OPERATOR LENGTH: 80 MS.<br>PREWHITENING:<br>GATE: 300-1200 MS. AT 0 OFFSET<br>700-1200 MS. AT 960 M OFFSET |
| STRUCTURAL CORRECTIONS | DATUM ELEVATION: 762 M.<br>DATUM VELOCITY: 2286 M/SEC.<br>PROCESSING DATUM: 0 M.<br>ELEVATION, WEATHERING, AND DRIFT |
| ANALYSIS | PRELIMINARY VELOCITIES AND STATICS |
| STATICS<br>TRACE KILLS | SURFACE STACK RESIDUAL |
| VELOCITY ANALYSIES<br>FINAL MOVEOUT | |
| F-K FILTER | DATA OUTSIDE +/- 2MS/TRACE<br>ATTENUATED BY 6 DB. |
| MEAN SCALING | 400-1700 MS. |
| MUTE DISTANCE(M)<br>TIME(MS) | 240 480 960<br>300 400-500 900 |
| STATICS | SURFACE CONSISTENT RESIDUAL<br>WINDOW: 400-1700 MS. |
| TRACE GATHER | FOLD: 6 |
| STATICS | CDP CROSS CORRELATION |
| STACK | |
| FILTER | 18/22 - 100/110 |
| EQUALIZATION | MEAN WINDOW 400-1700 MS. |
| LINEAR RAMP SCALING | 10-1.0, 650-1.0, 700-1.2,<br>1500-1.2, 2000-1.0 |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PROJ. NO. 9229-F9-6E

LINE NO. 84-11

PART NO. 1 OF 1

R.R. 10