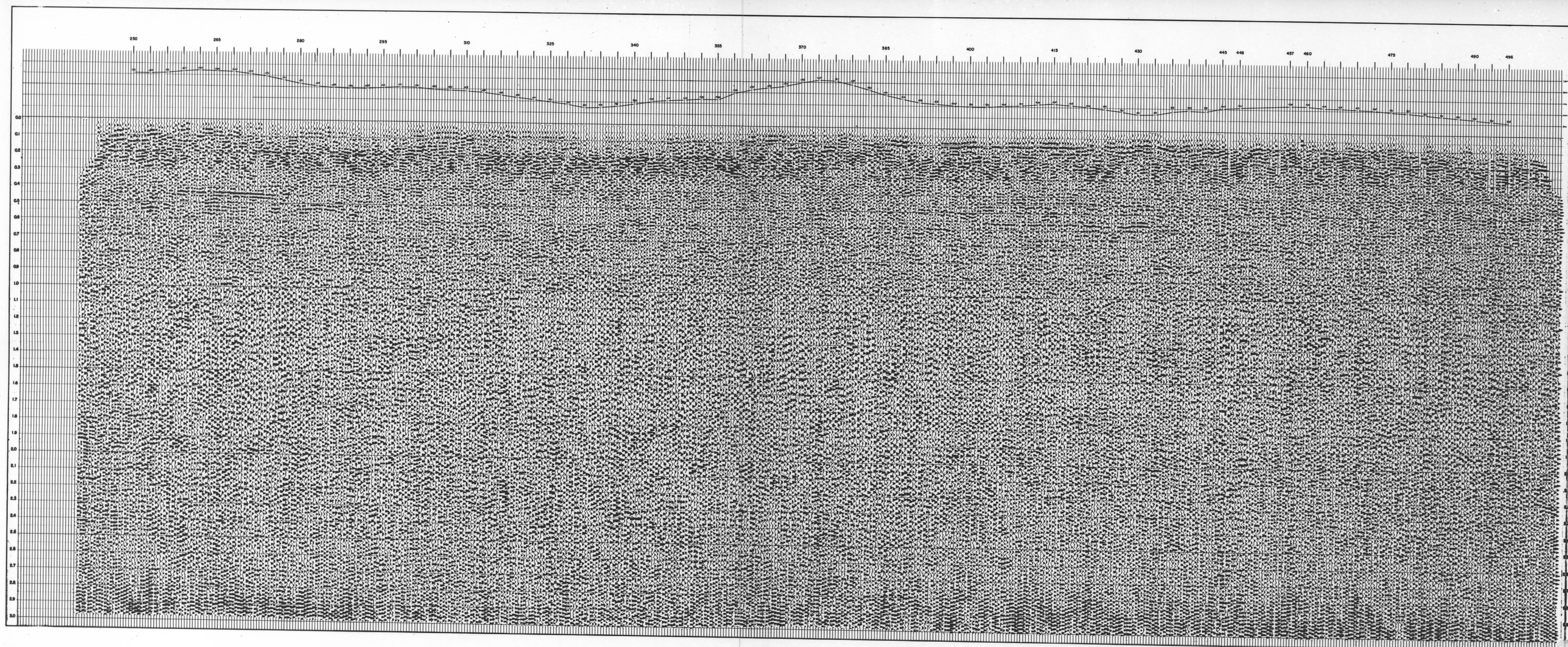




1525-456
815-06-06-02

SIGMA EXPLORATIONS LTD.
A SUBSIDIARY OF THE GTS CORPORATION

LINE NO. 6
PROJECT COLEVILLE LAKE
PROVINCE NORTHWEST TERRITORIES
FIELD PROGRAM FOR SIGMA EXPLORATIONS LTD.
FIELD PROGRAM BY NORTHERN GEOPHYSICAL LTD.
DATE PROCESSED MAY 1972
PROCESSED BY DIGITECH

RECORDING PARTICULARS
Field Recording: ☒ Digital ☐ FM ☐ AM ☐ Transcribed Paper
Energy Source: ☐ Dynamic ☐ Densack ☐ Air-Gun ☐ Speaker
☒ Vibroseis Sweep Frequency 80-200 Sweep Length 7 sec.
☐ Other
Recorded By NORTHERN GEOPHYSICAL LTD. Date 3/71
Recorded For SIGMA EXPLORATIONS LTD.
Field Instruments: DTS II Tape System ADD-IT
No. of Traces Recorded 24 Format SEC-A
Recording Sample Rate 5 sec. Recording Filter Low CUT High 124
Gain Information: ☒ Binary ☐ AGC ☐ PGC ☐ Fixed ☐ Other
Group Interval 160 FEET No. of Geophones Per Group 18 AT 13
Spread Layout 2040-1280-1280-2040
Remarks

DIGITAL PROCESSING
Input Data: ☐ Multiple ☐ Sequential Sample rate msec. Format
☐ Demultiplex
☐ Gain Compensation ☐ Equalization ☐ Spherical Divergence ☐ Programmed
☐ Digital AGC ☐ Trace Equalization ☐ Other
☒ Vibroseis Correlation ☐ Recorded ☐ Synthetic Sweep Frequency
Phase Compensation ☐ Spectral Compensation
☒ NMO Removal
Digital Filtering Routine:
☒ Deconvolution
Time Varying Filter Parameters

Filter	Frequency	Gain	Roll-off	Attenuation	Gain	Roll-off	Attenuation
1	2-600	0.00	0.00	0.00	0.00	0.00	0.00
2	600-1000	0.00	0.00	0.00	0.00	0.00	0.00
3	1000-2000	0.00	0.00	0.00	0.00	0.00	0.00

☒ Trace Muting 2450-0ms, 2640-280ms, 3760-400ms
☐ Residual NMO ☐ Residual Static Corrections
☒ Static Corrections By STRUCTURE MARKS
☐ Trace Gaffer ☒ Stack 400 % ☐ Geostat ☐ %
☐ Forward ☐ % Gate
Datum or Flattening Horizon
Datum Velocity 14,000 FT./sec. Datum Elevation 1000 A.S.L.
☐ RMS Equalization ☐ Programmed Gain ☐ Digital AGC
☐ Automated Program Gain ☐ Other DATA DEPENDENT SCALING
Polarity ☐ Normal ☐ Reversed
☐ MCF Continuity Filter
Bandpass Option ☐ Hertz Gate
☐ Two Dimensional Time-space Filter Gate
☐ Pass ☐ Reject Left ☐ Reject Right ☐ Pass/Reject
Digital Output Read No.
Remarks

45/

815-06-06-02