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PROJ. NO.

815-06-06-02

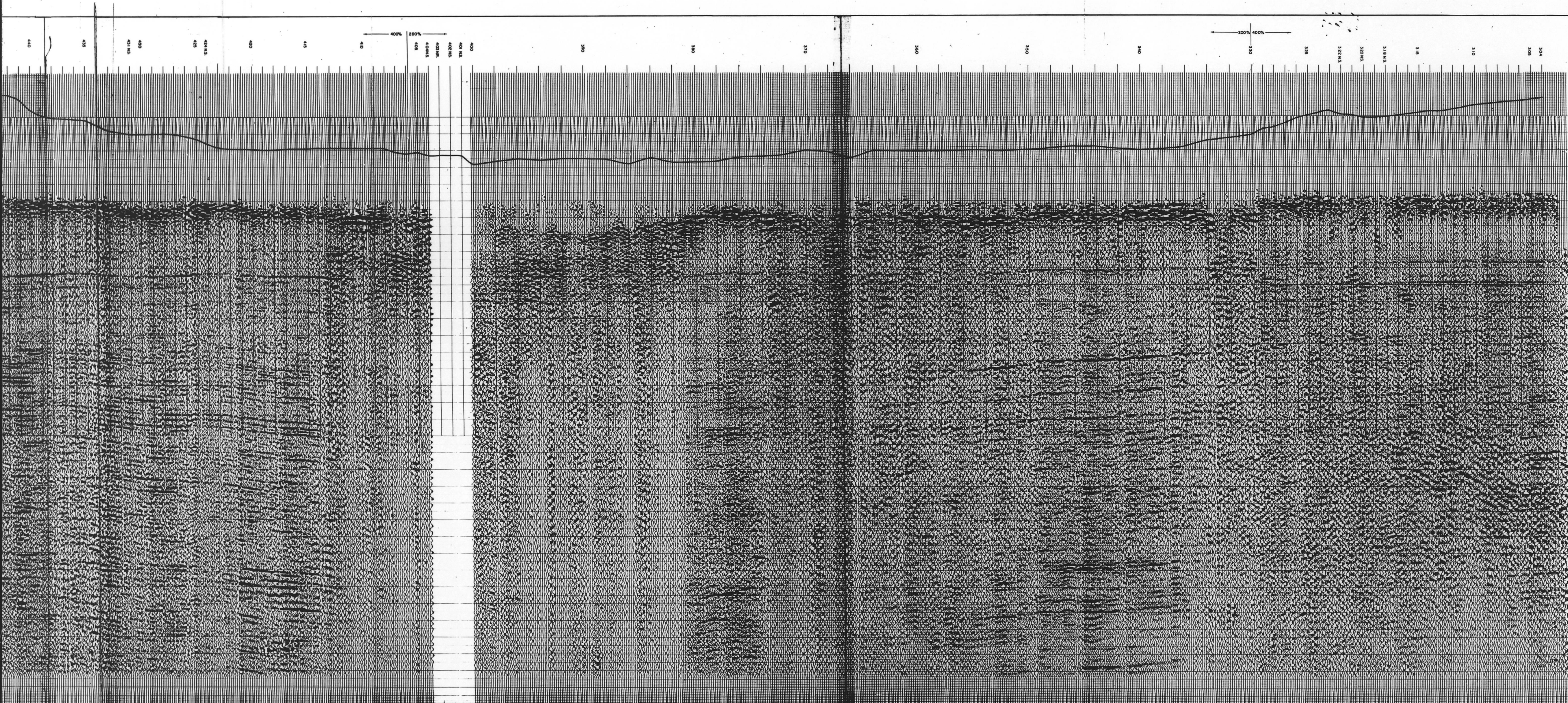
LINE NO.

53B

PART NO.

1 OF 2

R.R. 5.5X



PE 3 RS 57262
815-06-02

SIGMA EXPLORATIONS LTD.
CALGARY, ALBERTA
A SUBSIDIARY OF THE CITY CORPORATION

LINE NO. 53-B
PROJECT COLEVILLE LAKE
PROVINCE NORTH WEST TERRITORIES
FIELD PROGRAM FOR SIGMA EXPLORATIONS LTD.
FIELD PROGRAM BY NORTHERN GEOPHYSICAL LTD.
DATE PROCESSED BY JUNE 1971
PROCESSED BY COP'S COMPUTER DATA PROCESSING LTD.

RECORDING PARTICULARS
Field Recording: ☒ Digital ☐ FM ☐ AM ☐ Transcribed Paper
Energy Source: ☒ Dynamic ☐ Shock ☐ Air Gun ☐ Sparker
☐ Vibroseis Sweep Frequency Sweep Length sec.
☐ Other

Recorded By: NORTHERN GEOPHYSICAL LTD. Date: 1971
Recorded For: SIGMA EXPLORATIONS LTD.

Field Instruments: PP-800 Tape System PDR-89
No. of Traces Recorded: 24 Format: 560-A
Recording Sample Rate: 2 sec. Recording Filter Low: 900 High: 12+
Gain Information: ☒ Binary ☐ AGC ☐ PGC ☐ Fixed ☐ Other
Group Interval: 160' No. of Geophones Per Group: 9
Spread Layout: 2500-320-320-2500

Remarks:

ALGORITHM INFORMATION SECTION
DIGITAL PROCESSING
Input Data: ☒ Multiple ☐ Sequential Sample rate: 2" max. Format: 9 TRACK
☐ Demultiplex
☐ Gain Compensation: ☐ Equalization ☐ Spherical Dispersion ☐ Programmed
☐ Digital AGC ☐ Trace Equalization ☐ Other
☐ Vibroseis Correlation: ☐ Recorded ☐ Synthetic Sweep Frequency
Phase Compensation: Spectrum Compensation
☐ NMO Removal
Digital Filtering Results:
☐ Deconvolution

Filter	Operator	Gain	Attenuation	dB

☐ Bandpass Filter ☐ Frequency Domain ☐ Time Domain Operator Length: max.
Time Varying Filter Parameters:

Time	Low	High	Low	High	Low	High	Low	High
10-20	20-25	20-25	20-25	20-25	20-25	20-25	20-25	20-25

☐ Trace Mixing
☐ Residual NMO ☐ Residual Static Corrections
☐ Static Correction By COP COMPUTER DATA PROCESSING LTD.
☐ Trace Gather: ☐ Stack 400 % ☐ Gather: %
☐ Poststack: % Gate
Datum or Flattening Horizon: Fl. sec. Datum Elevation: ASL
☐ RMS Equalization ☐ Programmed Gain ☐ Digital AGC
☐ Automated Program Gain ☐ Other
Polarity: ☐ Normal ☐ Reversed
☐ MCF Continuity Filter
Bandpass Option: Hertz Gate
☐ Two Dimensional Time gate Filter Gate
☐ Plot: ☐ Plot with: max. sec. Right: max. trace
Digital Output Ref. No.: 726
Remarks: 2 COP'S CONSISTENT PROGRAM

815-06-05-02
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815-06-06-02